OPERATION AND MAINTENANCE INSTRUCTIONS FOR THE SILVER C RX/PX/CX/SD

The document was originally written in Swedish.

Contents

1. Safety Instructions

All staff concerned must acquaint themselves with these instructions before beginning any work on the unit. Any damages to the unit or parts of it due to improper handling or misuse by the purchaser or the fitter cannot be considered subject to guarantee if these instructions have not been followed correctly.

Warning

Only qualified electricians or service personnel shall be permitted to carry out any work on the electrical system or wire external functions in the air handling unit.

1.1 Risks

Warning

Before carrying out any work, make sure that the power supply to the air handling unit has been switched off.

Risk areas with moving parts

Moving parts are fan impellers, drive pulley for the rotary heat exchanger, if fitted, and by-pass/shut-off damper of the plate heat exchanger, if fitted.

The lockable inspection doors serve as protection from contact with the fans and protection for the heat exchanger. If the ducts are not firmly connected to the fan outlets, the outlets must be firmly fitted with a safety guard (wire mesh screen).

Warning

The inspection doors on the filter/fan sections must not be opened while the unit is operating.
Wait until the fans have stopped before opening the door.
Positive pressure inside the fan section will otherwise cause the door to fly open.
Keep the key at a safe spot separate from the air handling unit.

1.2 Glycol

Glycol is used in the SILVER C air handling units with coil heat exchangers.

Warning

Never pour glycol down a drain; collect it in a receptacle and leave it at a recycling centre, petrol station, etc. Glycol is highly dangerous to consume and can cause fatal poisoning or damage the kidneys. Contact a doctor! Avoid breathing glycol vapour in confined spaces. If you get glycol in your eyes, flush them thoroughly with water (for about 5 minutes). If glycol splashes on your skin, wash with soap and water.

2. General

2.1 Handling the air handling unit before commissioning

The air handling unit and its duct connections should be protected against wetness and condensation until the unit is commissioned.

2.2 Range of Application

The SILVER C units are designed for use in comfort ventilation applications. Depending on the variant selected, the SILVER C units can be utilised in buildings such as office buildings, schools, day nurseries, public buildings, shops, residential buildings, etc.

SILVER C units equipped with plate/coil heat exchangers (PX/CX) and separate supply air and extract air handling units (SD) can also be used for the ventilation of moderately humid buildings; however not where the humidity is continuously high, such as in indoor swimming baths.

The separate SILVER C supply air and extract air handling units (SD) are designed for applications in which the supply air and extract air flows need to be completely separated from one another or where, due to limited available space, separate units for supply air and extract air respectively are needed. They can also be used individually if only one of the variants is needed.

In order to fully obtain all the benefits the SILVER C system has to offer, it is important keep in mind the air handling unit's special characteristics in conjunction with designing the project, installation, commissioning and operating the system.

The air handling unit in its basic design should be installed indoors. The TBTA/TBTB accessory should be used if the air handling units are installed outdoors.

Important!

Always read the safety instructions in Section 1 that explain the risks involved in running the unit and designate who shall be permitted to operate and service the unit, and carefully follow the installation instructions provided in each paragraph.

The product identification plates are located on the inspection side of the air handling unit and on a wall inside the fan section. Refer to the particulars on the product identification plate when you contact Swegon.

2.3 Mechanical Design

The SILVER C is available in 9 physical sizes and for 18 airflow ranges.

External and internal material: aluminium-zinc plated sheet steel. Environmental Class C4. Panel thickness of 52 mm with intervening insulation consisting of mineral wool.

The size 11-30 SILVER C units with plate heat exchanger (PX) or rotary heat exchanger (RX) with air intake from above and the separate size 04-08 supply air and extract air units (SD) as well as the SILVER C RX Top are equipped with pleated, class F7 filters. The units in other variants/sizes have class F7 supply air and extract air filters made of glass fibre.

The type RECOnomic or RECOsorptic rotary heat exchangers are variable speed of rotation controlled and have a temperature efficiency of up to 85%.

The plate heat exchangers are as standard equipped with bypass and shut-off dampers for variable and automatic control of the heat exchanger's efficiency on heat recovery.

Pipework packages in unassembled form are available for the size 35/120 SILVER C CX one-piece units and for the size 12-120 SILVER C SD separate supply air and extract air handling units.

The supply air and extract air fans are of SILVER C Wing+ type, an axi-centrifugal fan with backward-curved blades. The fans are direct-driven and have a motor control system for variable speed control.

2.4 Environmental Documentation

For a complete Declaration of Construction Materials, see our home page at www.swegon.com (applicable to Sweden only).

The air handling unit is designed in such a way that it can be easily dismantled into its component parts. When the unit has ended its useful product life, the services of an accredited recycling company should be utilised for disposal.

Approximately 94% of the parts in SILVER C air handling units are recyclable.

Swegon AB is associated with the REPA Register, No. 5560778465.

Contact Swegon AB, Phone: +46 (0)512-322 00, if you have any questions regarding the dismantling instructions or the air handling unit's impact on the environment.

2.5 To run internal cables

The installation and wiring work must be carried out by a qualified electrician.

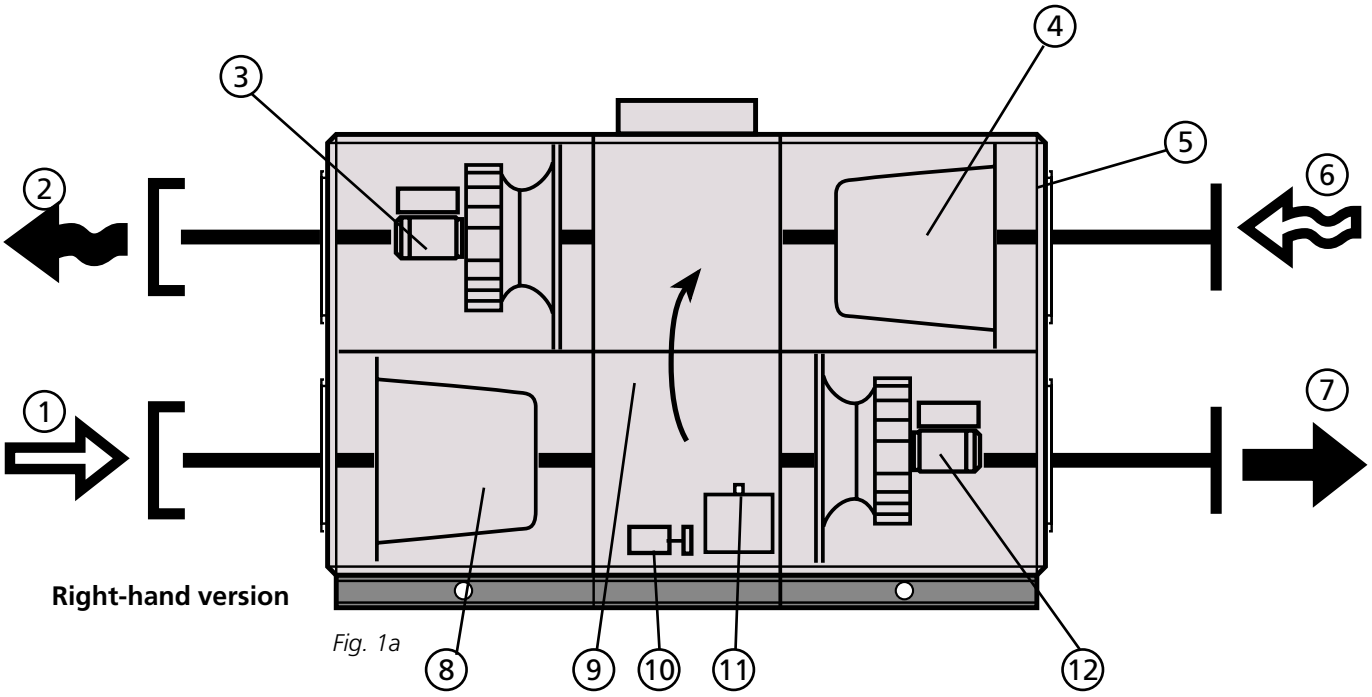
Cables from external sources can be run into the air handling unit through the rubber diaphragm on the rear side of the junction hood (RX 04-30) or on the inspection side of the unit (Other sizes).

The unit is equipped with cable holders in the centre section and cable grommets and rubber diaphragm between the unit sections. The internal running of cables must be run in a safe manner and follow applicable rules and standards.

2.5 The Components of the Air Handling Units

2.5.1 SILVER C RX one-piece air handling units with rotary heat exchanger

The individual components are each specified below in a simplified and diagrammatical description.



Right-hand version

Fig. 1a

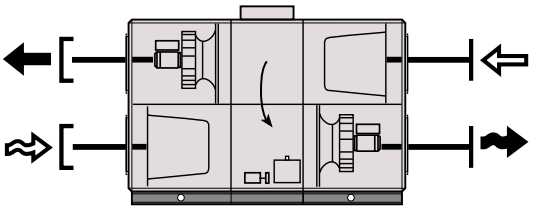


Fig. 1b

Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

SILVER C 04-120: The air handling units can be ordered in the right-hand version as shown in Fig. 1a or in the left-hand version as shown in Fig. 1b.

SILVER C 12-120: The air handling unit according to Fig. 1a shows Fan Arrangement1. The unit can also be ordered according to Fan Arrangement 2. The fans and filters are then vertically mirror-inverted.

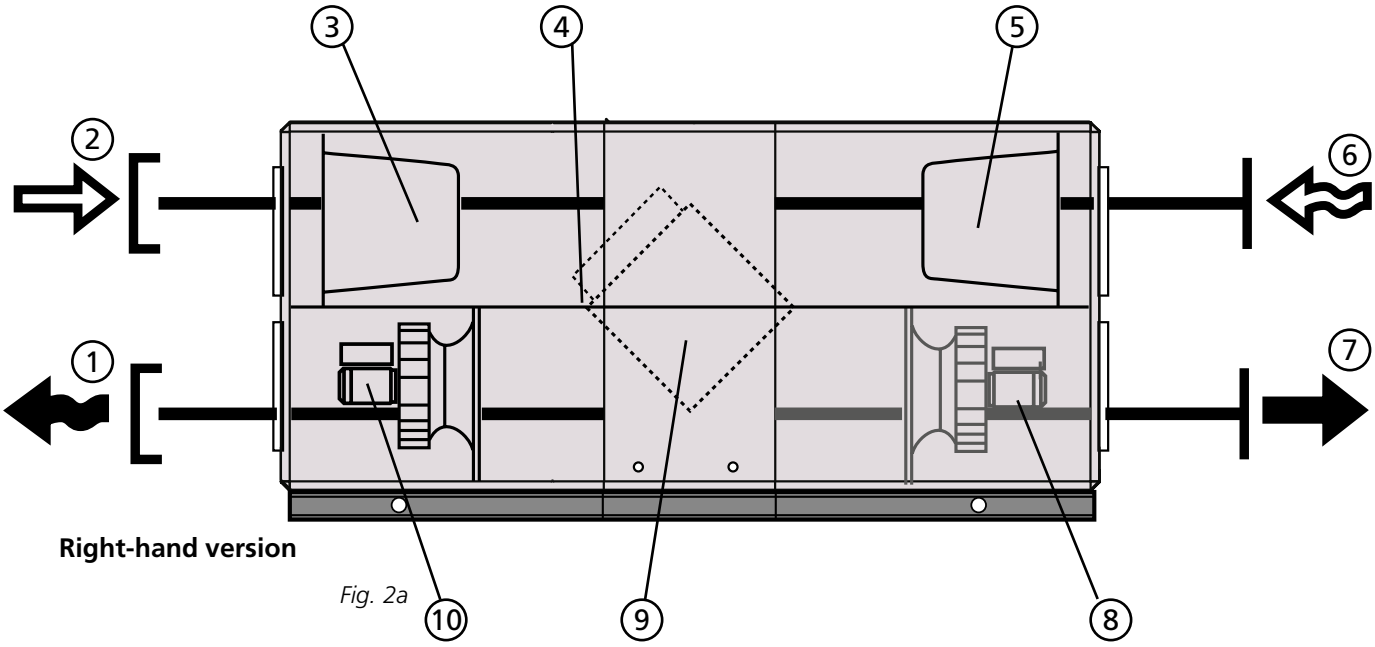
In the left-hand version (Fig. 1b), the components marked with an asterisk change function and designation (the components are named according to whether they are for supply air or extract air).

The arrangement of the components and their designations

1 OUTDOOR AIR* (In left-hand version: Extract air)
2 EXHAUST AIR* (In left-hand version: Supply air)
3 Extract air fan* with motor and motor control system
4 Extract air filter*
5 Commissioning plate (In left-hand unit version - by left-hand filter section)
6 EXTRACT AIR* (In left-hand version: Outdoor air)
7 SUPPLY AIR* (In left-hand version: Exhaust air)
8 Supply air filter*
9 Heat exchanger
10 Drive motor in heat exchanger
11 Rotation monitor sensor
12 Supply air fan* with motor and motor control system

2.5.2 SILVER C PX one-piece air handling units with plate heat exchanger

The individual components are each specified below in a simplified and diagrammatical description.



Right-hand version

Fig. 2a

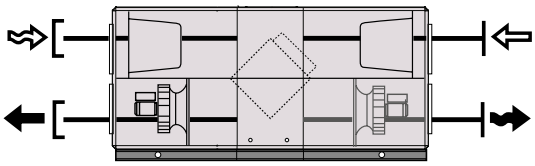


Fig. 2b

Left-hand version

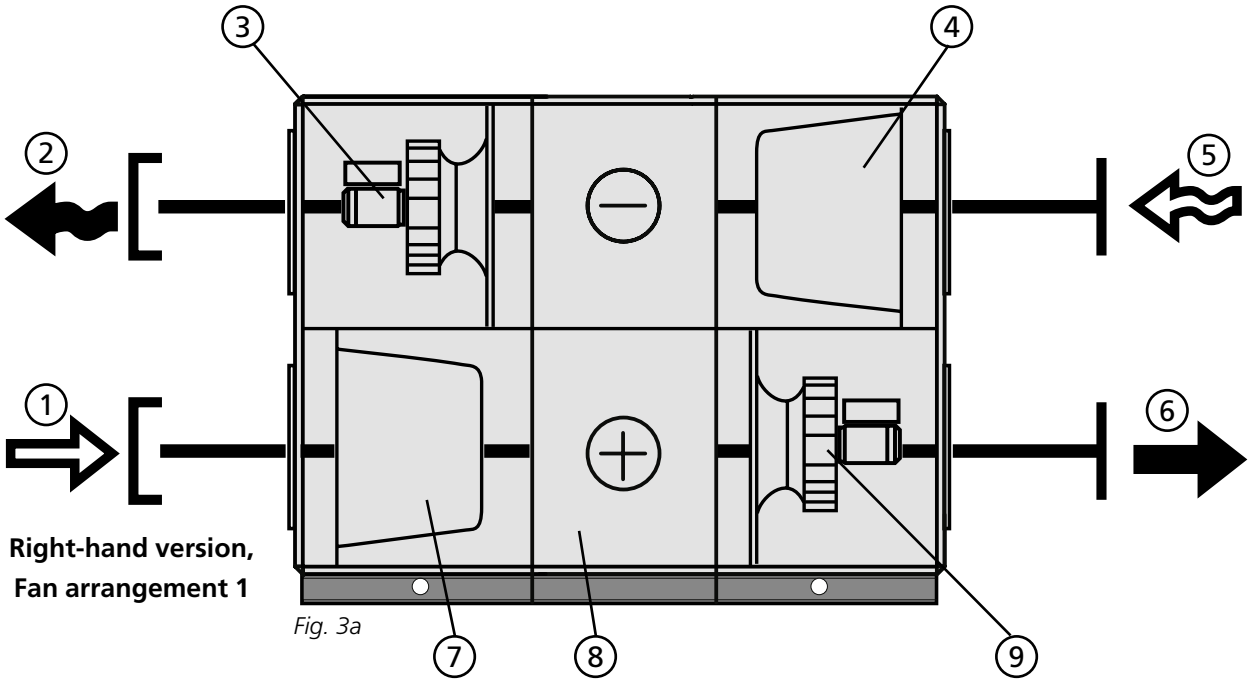
The air handling units are supplied in the right-hand or left-hand version as shown in Fig. 2a and 2b. In the left-hand version (Fig. 2b), the components marked with an asterisk change function and designation (the components are named according to whether the function is for supply air or extract air.).

The arrangement of the components and their designations

1 EXHAUST AIR* (In left-hand version: Supply air)
2 OUTDOOR AIR* (In left-hand version: Extract air)
3 Supply air filter*
4 Damper actuators, shut-off and bypass dampers
5 Extract air filter*
6 EXTRACT AIR* (In left-hand version: Outdoor air)
7 SUPPLY AIR* (In left-hand version: Exhaust air)
8 Supply air fan* with motor and motor control system
9 Plate heat exchanger with bypass and shut-off damper
10 Extract air fan* with motor and motor control system

2.5.3 SILVER C CX one-piece air handling units with coil heat exchangers

The individual components are each specified below in a simplified and diagrammatical description.



Right-hand version,
Fan arrangement 1

Fig. 3a

Outdoor air Supply air Extract air Exhaust air

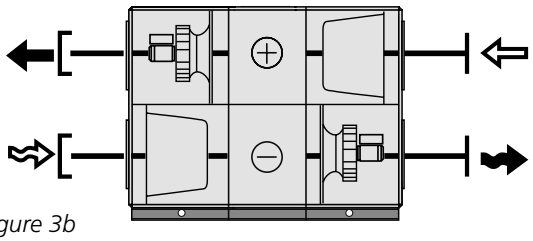


Figure 3b

Left-hand version
Fan arrangement 1

The air handling units can be ordered in the right-hand version as shown in Fig. 3a or in the left-hand version as shown in Fig. 3b.

The air handling unit according to Fig. 3a shows Fan Arrangement1. The unit can also be ordered according to Fan Arrangement 2. The fans and filters are then vertically mirror-inverted.

In the left-hand version (Fig. 3b), the components marked with an asterisk change function and designation (the components are named according to whether the function is for supply air or extract air).

The arrangement of the components and their designations

1 OUTDOOR AIR* (In left-hand version: Extract air)
2 EXHAUST AIR* (In left-hand version: Supply air)
3 Extract air fan* with motor and motor control system
4 Extract air filter*
5 EXTRACT AIR* (In left-hand version: Outdoor air)
6 SUPPLY AIR* (In left-hand version: Exhaust air)
7 Supply air filter*
8 Coil heat exchanger
9 Supply air fan* with motor and motor control system

The pipework package can be supplied in unmounted condition for floor or wall mounting (accessories).

2.5.4 SILVER C SD separate supply air and extract air handling units, sizes 04-08

The individual components are each specified below in a simplified and diagrammatical description.

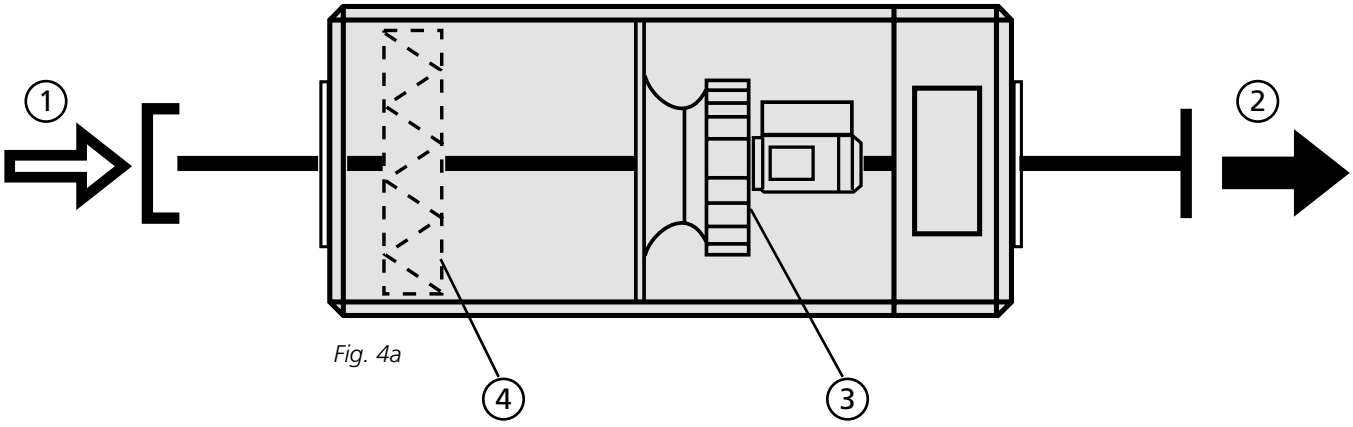


Fig. 4a

Outdoor air Supply air

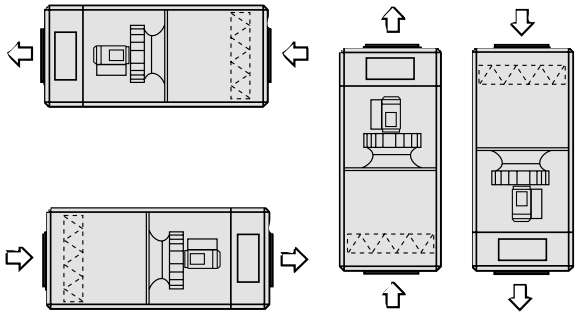


Fig. 4b

The air handling unit is supplied in the variant as shown in Fig. 4a. This variant can be positioned in several different ways as shown in Fig. 4b.

The air handling unit is shown here as a supply air handling unit. If the unit is used as an extract air handling unit, the components marked with an asterisk change function and designation (the components are named according to whether the function is for supply air or extract air).

The arrangement of the components and their designations

1 OUTDOOR AIR*
(In extract air handling units: Extract air)
2 SUPPLY AIR*
(In extract air handling units: Exhaust air)
3 Supply air fan* with motor and motor control system
(In extract air handling units: Extract air fan with motor and motor control system)
4 Supply air filter, if applicable*
(In extract air units: Extract air filter)

2.5.5 SILVER C SD separate supply air and extract air handling units, size 11/12

The individual components are each specified below in a simplified and diagrammatical description.

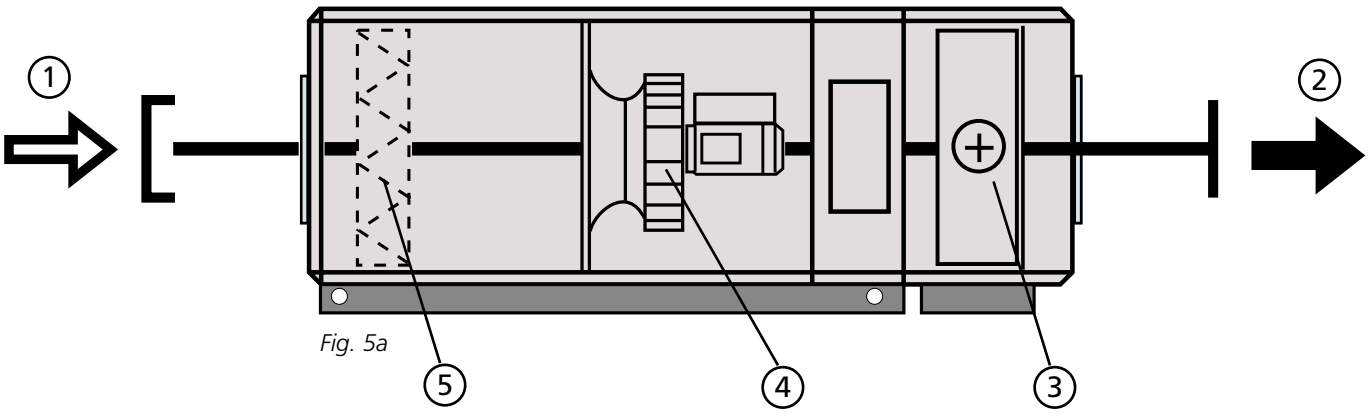


Fig. 5a

Outdoor air Supply air

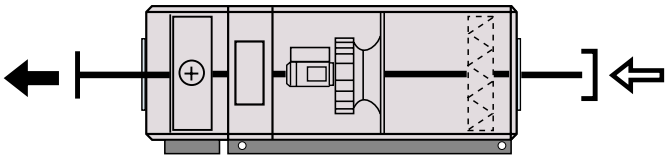


Fig. 5b

The air handling units can be ordered in the right-hand version as shown in Fig. 5a or the left-hand version as shown in Fig. 5b. The air handling units can also consist of filter and fan only or fan only.

The air handling unit is shown here as a supply air handling unit. If the unit is used as an extract air handling unit, the components marked with an asterisk change function and designation (the components are named according to whether the function is for supply air or extract air).

The arrangement of the components and their designations

1 OUTDOOR AIR*
(In extract air handling units: Extract air)
2 SUPPLY AIR*
(In extract air handling units: Exhaust air)
3 Coil heat exchanger, if applicable, supply air*
(In extract air handling units: Coil heat exchanger, extract air)
4 Supply air fan* with motor and motor control system
(In extract air handling units: Extract air fan with motor and motor control system)
5 Supply air filter, if applicable*
(In extract air units: Extract air filter)

2.5.6 SILVER C SD separate supply air and extract air handling units, sizes 14-120, with coil heat exchangers

The individual components are each specified below in a simplified and diagrammatical description.

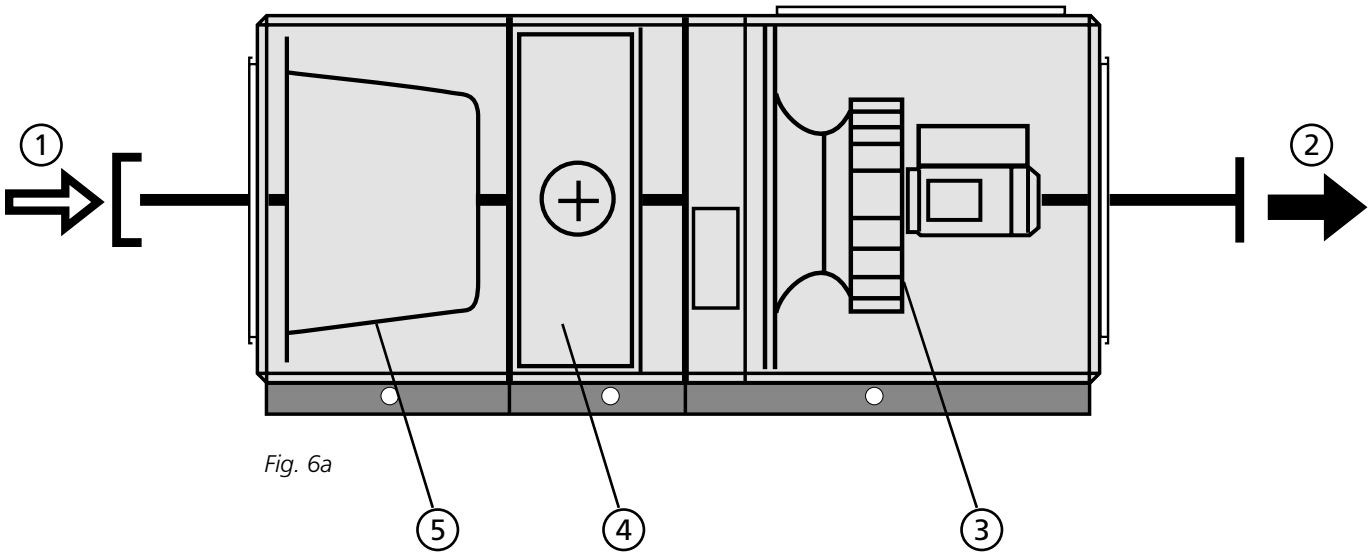


Fig. 6a

Outdoor air Supply air

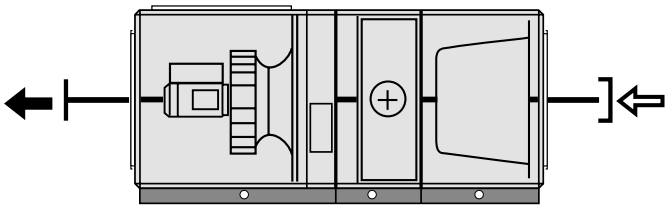


Fig. 6b

The air handling units can be ordered in the right-hand version as shown in Fig. 6a or the left-hand version as shown in Fig. 6b. The air handling units can also consist of filter and fan only or fan only.

The air handling unit is shown here as a supply air handling unit. If the unit is used as an extract air handling unit, the components marked with an asterisk change function and designation (the components are named according to whether the function is for supply air or extract air).

The arrangement of the components and their designations

1 OUTDOOR AIR*
(In extract air handling units: Extract air)
2 SUPPLY AIR*
(In extract air handling units: Exhaust air)
3 Supply air fan* with motor and motor control system
(In extract air handling units: Extract air fan with motor and motor control system)
4 Coil heat exchanger, if applicable, supply air*
(In extract air handling units: Coil heat exchanger, extract air)
5 Supply air filter, if applicable*
(In extract air units: Extract air filter)

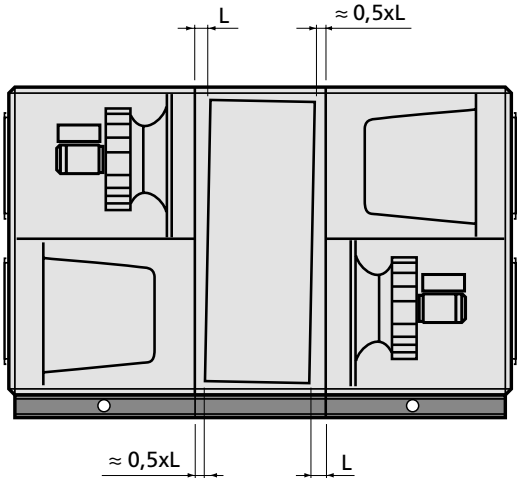
3. Commissioning

3.1 General

Commissioning sequence:

1. Check that there are no foreign objects inside the unit, duct system or functional sections.
2. Check that rotary heat exchanger rotor (SILVER C RX only) rotates easily. On sizes 50-120, the rotary heat exchanger must be angled slightly towards the filter, see drawing below.

   If the inclination needs adjusting, see special instructions for adjusting the inclination of the rotary heat exchanger (04-80) or the installation instructions for the SILVER C (120).



SILVER C RX, sizes 50-120: The illustration shows the factory-preset rotor inclination in a unit with Fan Arrangement 1. The inclination must always be towards the filter, which means that the inclination for Fan Arrangement 2 is in the other direction.

7. Check and adjust, if required, the pressure balance in the air handling unit as described in Section 3.3.

3.2 Adjusting the Duct System and air diffusers

In order to prevent the fans from consuming more power than necessary, it is important to keep the pressure drop in the system at the lowest possible level. It is also important that duct systems and air diffusers are correctly commissioned to provide the comfort expected.

When commissioning air diffusers and the duct systems for the SILVER C, it is appropriate to follow the proportionality method.

This means that the ratio between the airflows in branch ducts remains constant even if you change the airflow in the main ducts. The same ratio applies to the air diffusers in the installation.

3.2.1 Adjustment Sequence

The system should be adjusted in the following order:

1. Adjust of the air diffusers in each branch duct.
2. Adjust the branch ducts.
3. Adjust the main ducts.

3.2.2 Commissioning procedure

1. Set all the air diffusers and dampers to the fully open position.
2. Calculate the quotient between the airflow reading and the design airflow of all the air diffusers, branch ducts and main ducts. The air diffuser in every branch that has the lowest quotient should be fully open. Use this air diffuser as an INDEX AIR DIFFUSER. The same applies to branch dampers and main dampers.

   When you've finished commissioning, one air diffuser in every branch, one branch damper and one main damper should consequently be fully open.
3. Start adjusting the main duct that has the highest quotient and the branch duct in the main duct that has the highest quotient. Starting from this point enables you to then "press" the air in front of you toward the sections of the system that have the least air.
4. Adjust the last air diffuser on the duct branch so that it will have the same quotient as the index air diffuser. This air diffuser becomes the REFERENCE AIR DIFFUSER. The last air diffuser on the branch is often the one that has the lowest quotient and this air diffuser should be open. In this case, the index air diffuser and the reference air diffuser will be one and the same.
5. Throttle the other air diffusers in the branch to the same quotient as the reference device.

   NOTE! The quotient in the reference terminal will change every time another air diffuser is throttled, so in practice the quotient for the reference air diffuser can be set slightly higher. The reference device must be measured in between each air diffuser throttled.
6. Go to the branch that had the next highest quotient and adjust the air diffusers there, etc.

   NOTE! All branch dampers should be fully open until all air diffusers have been adjusted.
7. Throttle the branch damper that had the highest quotient to the same quotient as the branch that had the lowest quotient.

   NOTE! Keep in mind that the index damper changes quotient; proceed as described in item 5.
8. When all branches have been commissioned, throttle the main dampers in the same manner.

See also Adjustment example below.

Example on how to make an adjustment

– Start adjusting duct branch B, since this one has the highest quotient.

– The last air device, B3, has the lowest quotient and should be fully open.

Adjust the other air devices, B1 and B2, so that these will have the same quotientas air device B3 (see item 5 above).

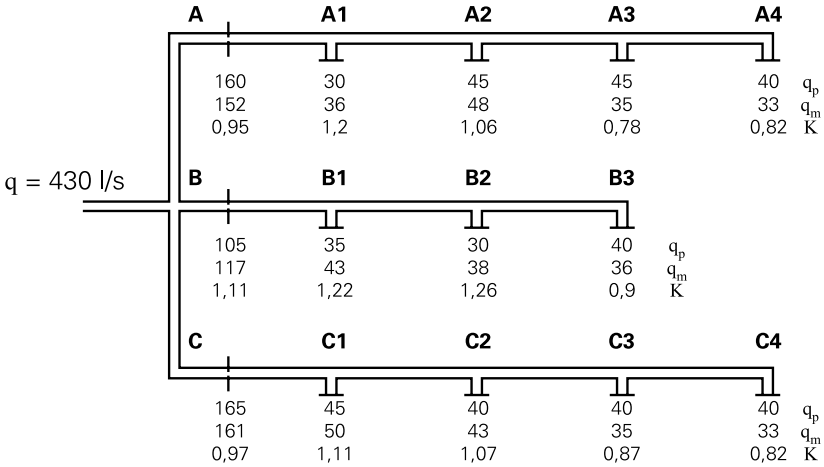
– Now adjust the air devices in branch duct C. Air device C4 should be fully open; throttle the others to the same quotient.

– Adjust the air devices in branch duct A. The index air device here is air device A3, which means that you first throttle air device A4 (the reference device) to device A3:s quotient. Then adjust the others to the same quotient as air device A4.

– Throttle branch damper B to the same quotient as branch damper A, throttle branch damper C to the same quotient as branch damper A.

Check that all dampers have the same quotient.

When commissioning has been completed, 3 air devices and one branch damper should stand fully open to obtain the lowest possible pressure in the system.



qp = design airflow (l/s)

qm = flow reading (l/s)

$$K\ (\text{Quotient}) = \frac{qm}{qp}$$

3.3 To Adjust the Pressure Balance

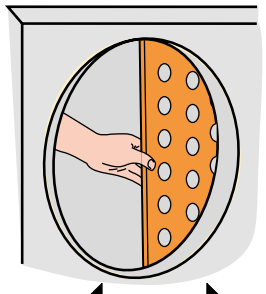
Applicable to air handling units with rotary heat exchanger only.

Commissioning plates

SILVER C RX

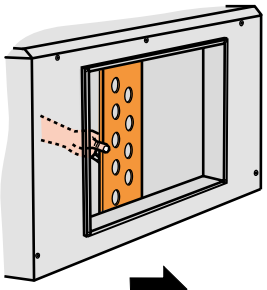
Air intake viewed from the side

Sizes 04 – 12, 1 – 2 plates



CLOSE OPEN

Sizes 14 – 120, 1 – 5 plates



CLOSE
(Insert one or more commissioning plates)

OPEN
(Remove commissioning plates)

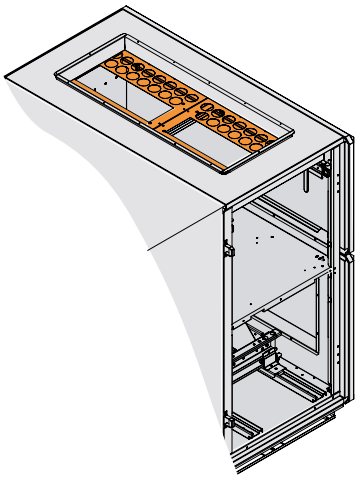
3.3.1 General

There should be a certain degree of negative pressure in the extract air section so that the direction of air leakage through the heat exchanger and the function of the purging sector will be correct. This ensures that extract air will not be transferred to the supply air.

The pressure balance in the unit should be adjusted when the ventilation system has been fully installed and the airflows discharged from all the air diffusers and registers have been adjusted, and when the supply air and extract airflows are as they should be while the air handling unit is operating normally.

Air intake viewed from above

Sizes 14 – 30, 2 plates



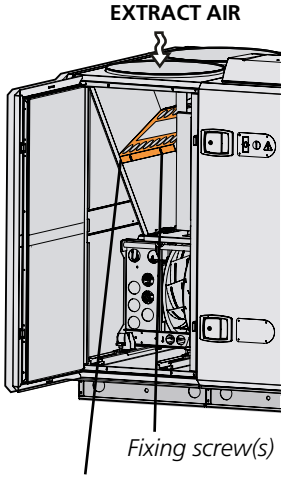
Secure the commissioning plates to the ceiling with self-tapping screws from inside the AHU.

Adjust the pressure balance by blanking off the holes in the commissioning plate using the plastic plugs supplied with it (reach up and insert plastic plug through the rectangular hole in the commissioning plate).

SILVER C RX Top

Left-hand versione

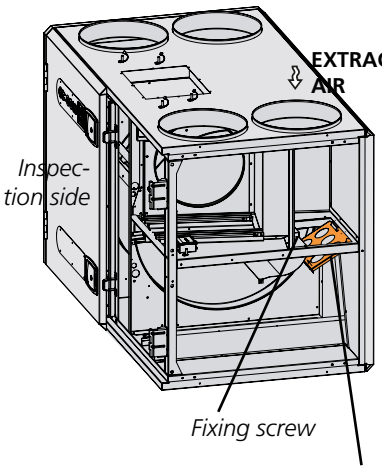
Sizes 04-12, 1 plate



Adjustment plate

Right-hand version

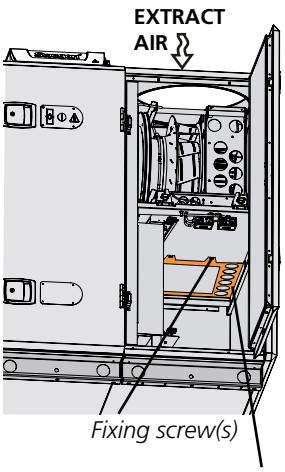
Sizes 04-08, 1 plate



For the sake of clarity, the image shows the air handling unit without end panel. All work must however be carried out from the inspection side.

Commissioning plate
Hook the commissioning plate in the rear edge of the unit to secure it in position. Unfold the commissioning plate at its front edge and lock the commissioning plate in position with the fixing screw.

Size 11/12, 1 plate



Adjustment plate

Two commissioning plates are supplied together with the SILVER C RX Top.

Which commissioning plate is to be mounted is determined by whether the air handling unit is a left-hand or right-hand version unit. Install the correct commissioning plate at the appropriate place inside the unit; scrap the other plate. See illustration above.

Remove the mounting screw(s) and place the commissioning plate in the grooves provided for accommodating it. Refit the mounting screw(s) and tighten it/them. See illustration above.

Adjust the pressure balance by blanking off the holes in the commissioning plate using the plastic plugs supplied with it.

3.3.2. Ensure correct direction of air leakage

The commissioning plates fitted in the extract air inlet are used for adjusting the pressure balance in the unit. The commissioning plates are supplied separately and should be installed by the fitter when the extract air duct is connected. See the illustrations on the following pages.

Connect a pressure gauge to the pressure measurement tappings of the air handling unit. The unit has four pressure measurement tappings. The two tappings closest to the extract air duct should be used. The blue pressure measurement tapping is used for measuring the negative pressure in the extract air section and the white pressure measurement tapping is used for measuring the negative pressure in the supply air section.

The pressure measurement tappings are located in the centre section inside the air handling unit. See illustration to the right.

Note that both pressure measurement tappings are used for measuring negative pressure.

MEASURED VALUES

The negative pressure in the extract air section should be higher or the same as the negative pressure in the supply air section.

If the negative pressure in the extract air section is the same or up to 20 Pa greater than the negative pressure in the supply air section, when you've finished this adjustment.

Deviations

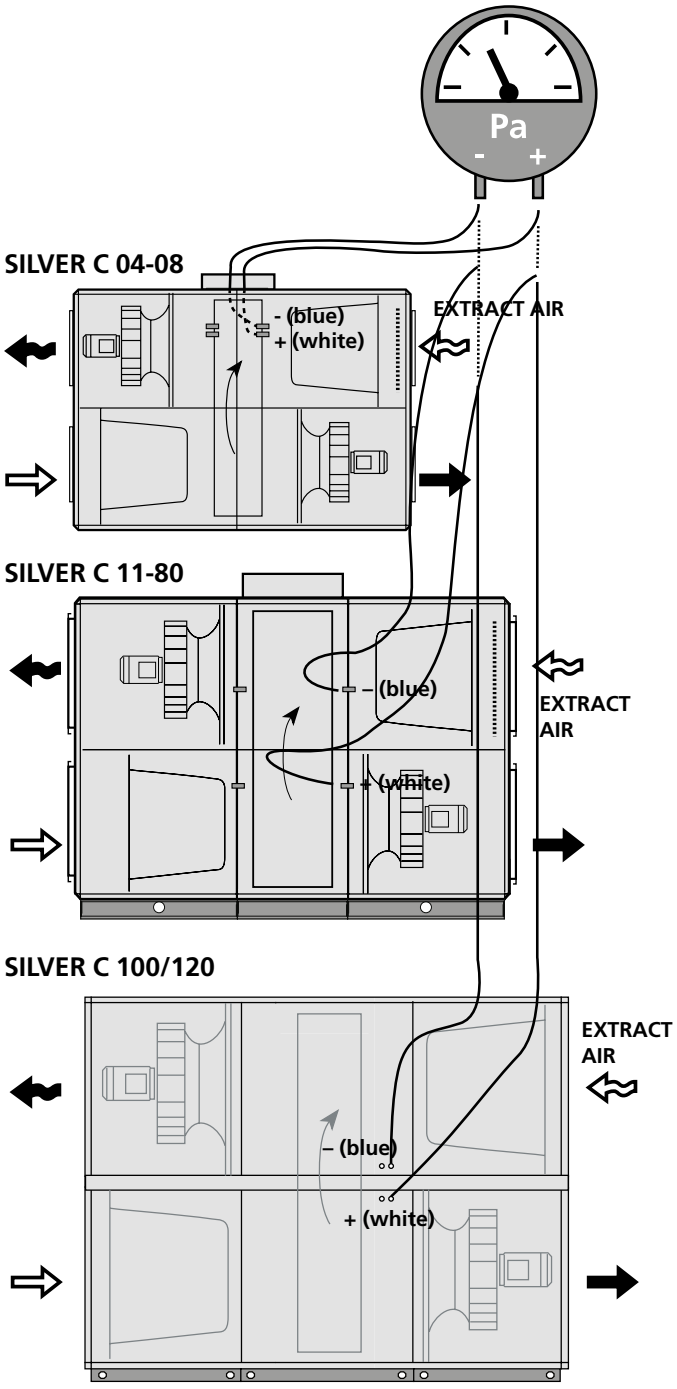
If the negative pressure in the extract air section is less than that in the supply air section, the damper setting must be adjusted as follows:

1. Stop the air handling unit, open the inspection door to access the extract air filter.
   SILVER C RX Top/SILVER C RX with air intake from above: Blank off the appropriate number of holes in the commissioning plate using the plastic plugs supplied.

   SILVER C RX with air intake from the side: Slightly push the commissioning plates forward (close them) in the extract air intake.
   For full face connection (duct accessory in insulated casing): If the commissioning plate(s) is/are completely closed and the sub-atmospheric pressure in the extract air section is still less than in the supply air section, blank off an appropriate number of holes in the commissioning plate using the plastic plugs supplied.
3. Close the inspection door and restart the unit.
4. Measure the pressures.

   Repeat this procedure until the negative pressure in the extract air section is just as high or up to 20 Pa higher than the negative pressure in the supply air section (0–20 Pa).

Pressure measurement tappings – leakage direction (Unit shown in the right-hand version)



5. If the negative pressure in the extract air section is higher than 20 Pa compared with the supply air section, although the commissioning plates are completely open, the leakage and purging air flow will be more than necessary, and this will cause the extract air fan to consume more power

4. Maintenance

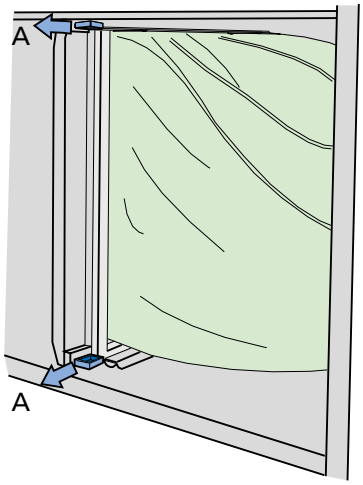
Warning

Before carrying out any work, make sure that the power supply to the air handling unit has been switched off.

4.1 Filter change

Filters made of glass fibre should be replaced, and possible woven aluminium pre-filters should be washed. When this should take place can be calculated based on the initial pressure drop. See Section 4.1.3. Swegon recommends replacing/washing filters when the pressure drop across the filter exceeds the initial pressure drop + 100 Pa.

Order new filters from Swegon or your nearest Swegon representative. Specify the size of the SILVER C unit, whether the replacement concerns one or two directions of airflow and if you are replacing standard filters or possibly pre-filters.



4.1.1 Dismantling the filters

It is advisable to clean inside the filter space while the filters are removed.

Standard filters:
Pull out the handles (A) to free the filters from the filter holder. Withdraw the filters.

Pre-filters, if required, in the AHU:
Withdraw the filters.

4.1.2 Installing new filters

Standard filters:
Insert the filters into the filter holder At the same time, stretch the filter bags, so that they will not become caught, damaged or folded.

Insert the filters as far as possible into the unit and press them lightly against the filter frames, so that they fit tightly.

Push in the handles (A) to clamp the filters in position in the filter holder.

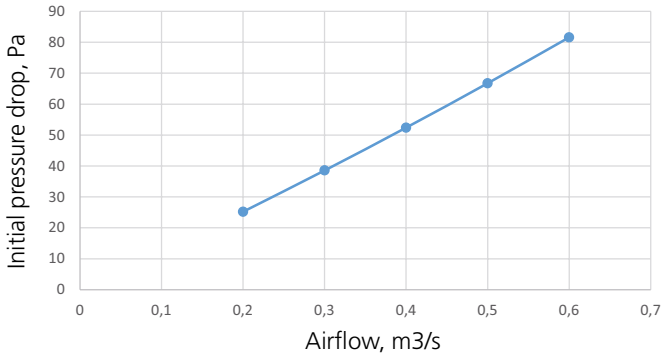
Close the inspection doors.

Pre-filters, if required, in the AHU:
Insert the filters as far as possible into the unit and press them lightly against the filter frames, so that they fit tightly

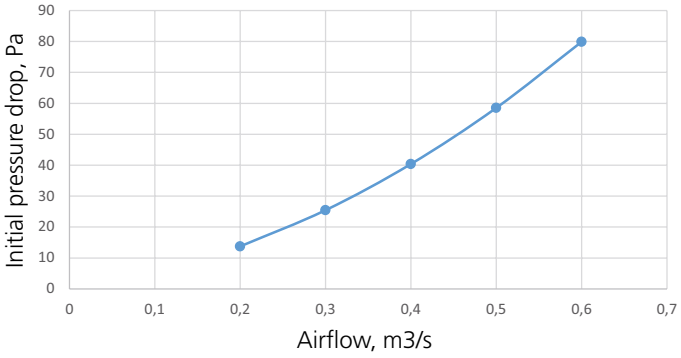
4.1.3 Initial pressure drop, filters

RX/PX, size 04/05

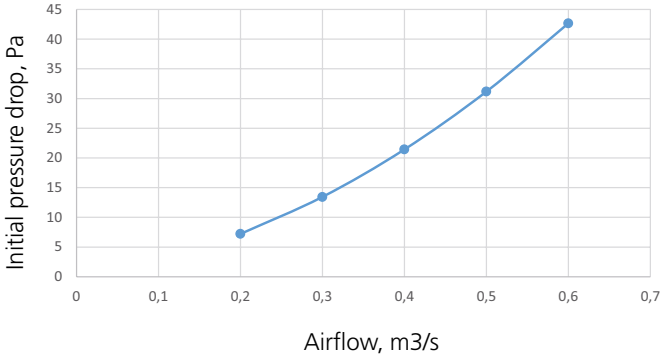
Standard filter, F7



Pre-filters, G4

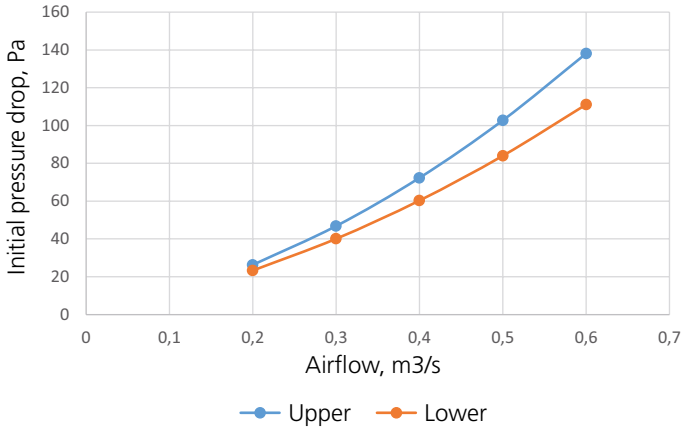


Pre-filters, aluminium



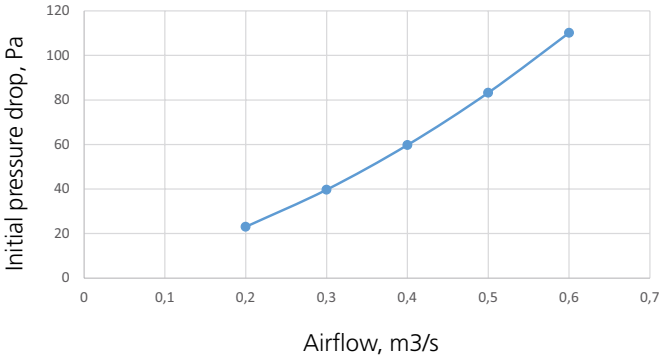
RX Top, size 04/05

Standard filter F7

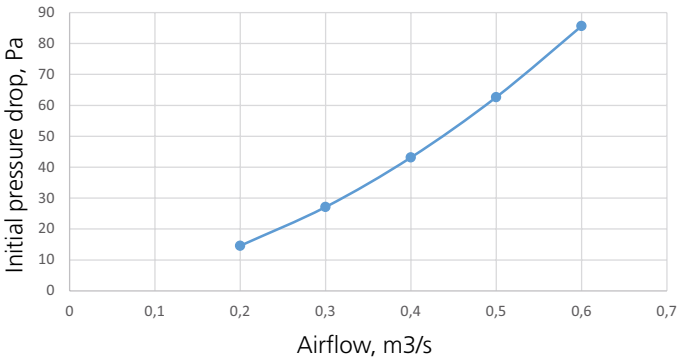


SD, size 04/05

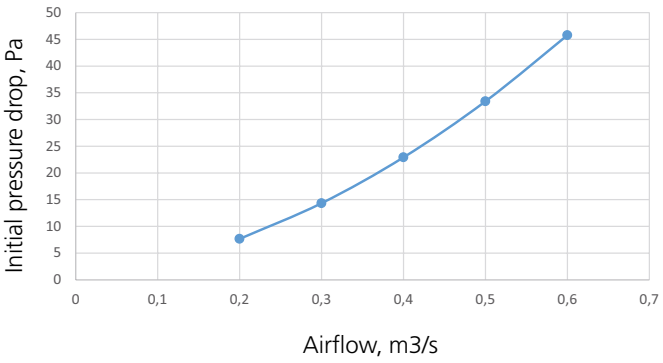
Standard filter, F7



Pre-filters, G4

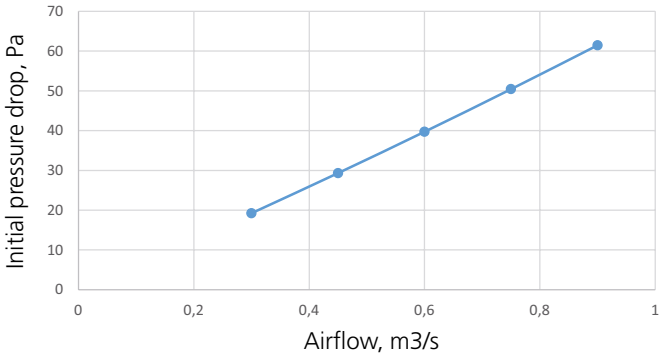


Pre-filters, aluminium

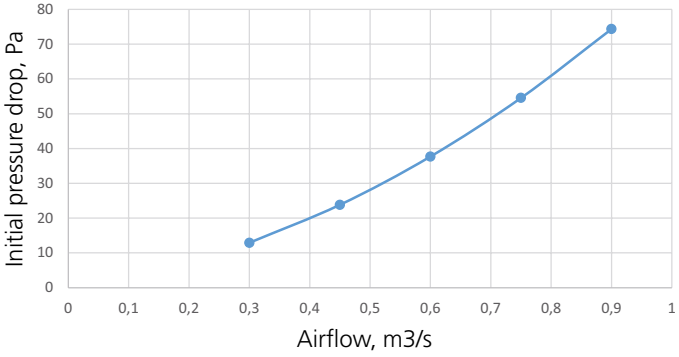


RX/PX, size 07/08

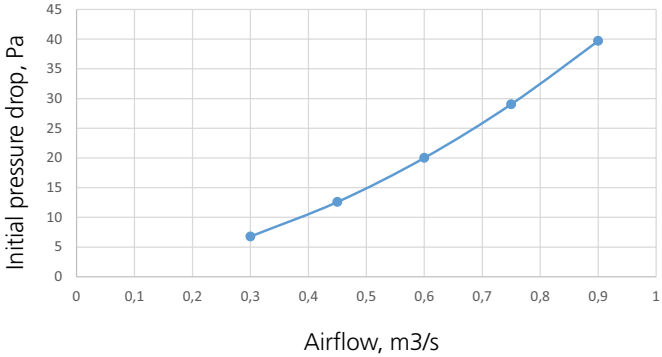
Standard filter, F7



Pre-filters, G4

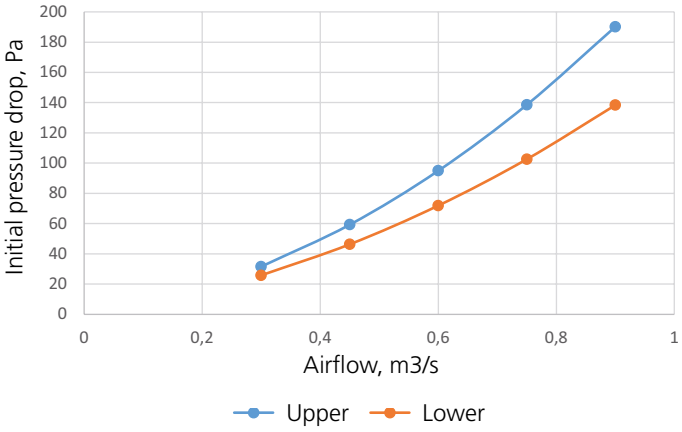


Pre-filters, aluminium



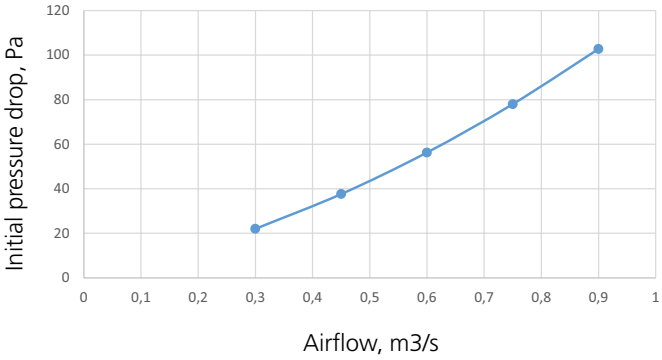
RX Top, size 07/08

Standard filter F7

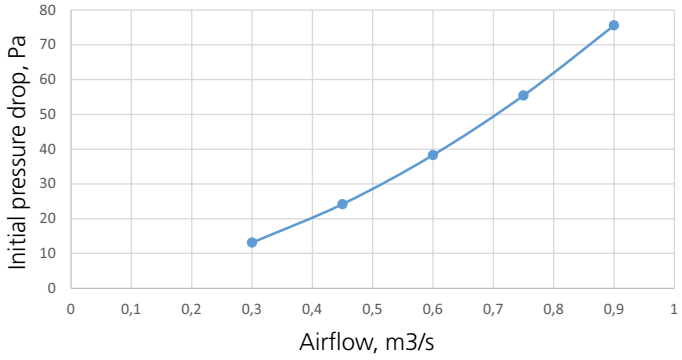


SD, size 07/08

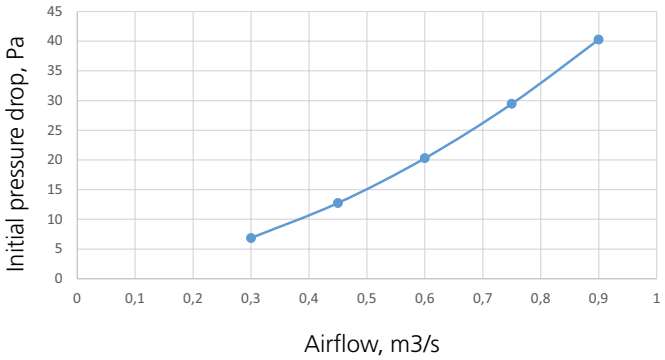
Standard filter, F7



Pre-filters, G4

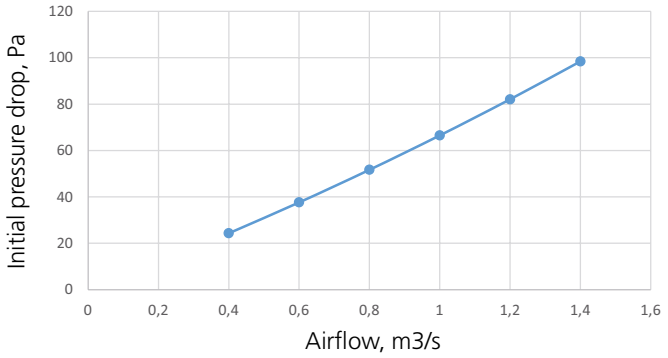


Pre-filters, aluminium

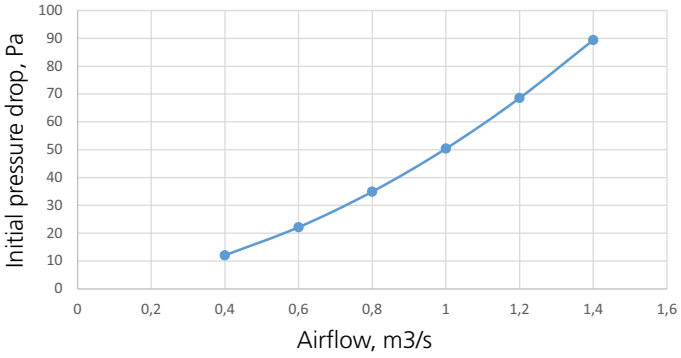


RX/PX, size 11/12

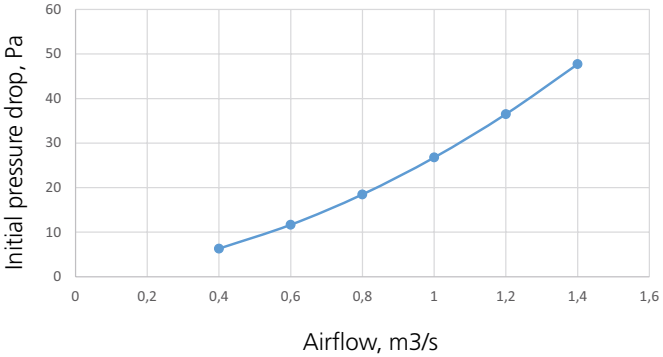
Standard filter, F7



Pre-filters, G4

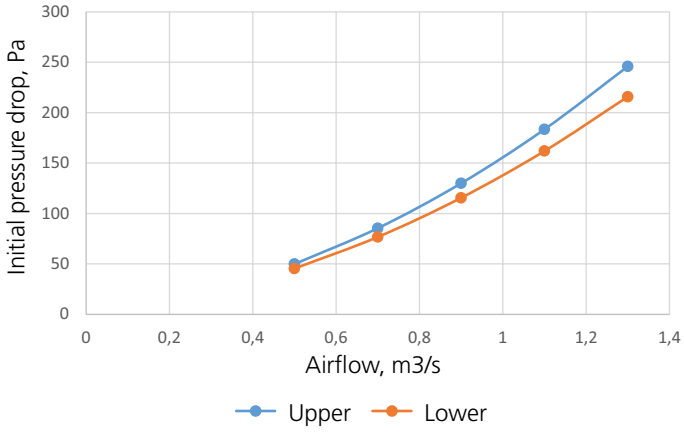


Pre-filters, aluminium



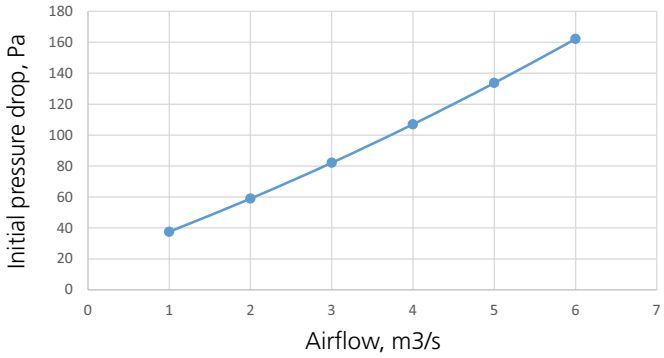
RX Top, size 11/12

Standard filter F7

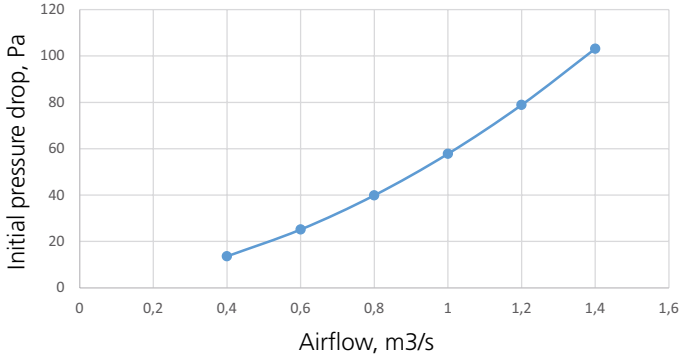


SD, size 11/12

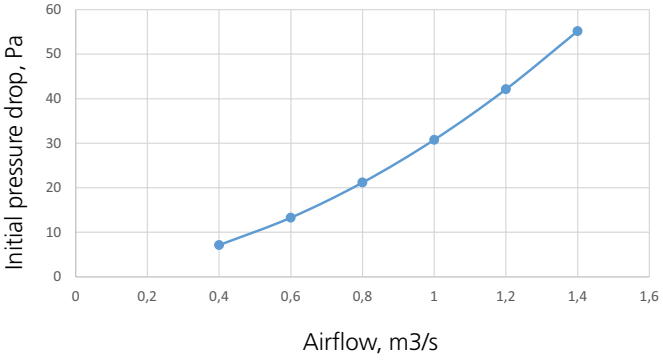
Standard filter, F7



Pre-filters, G4

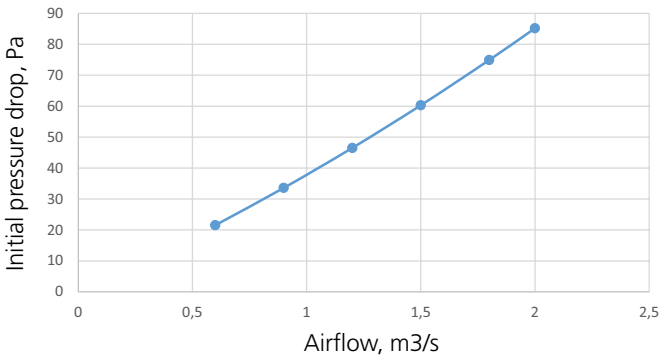


Pre-filters, aluminium

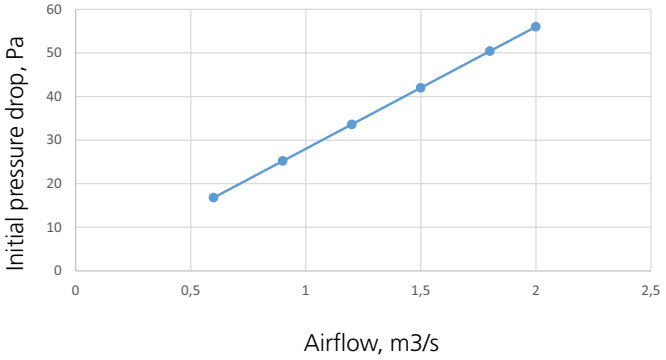


RX/PX, size 14/20

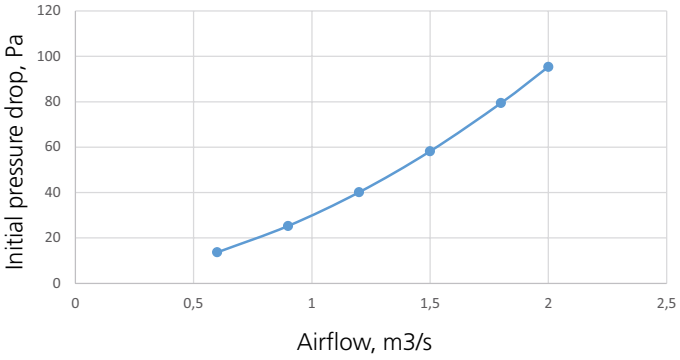
Standard F7 filters, bag filters (intake from the side)



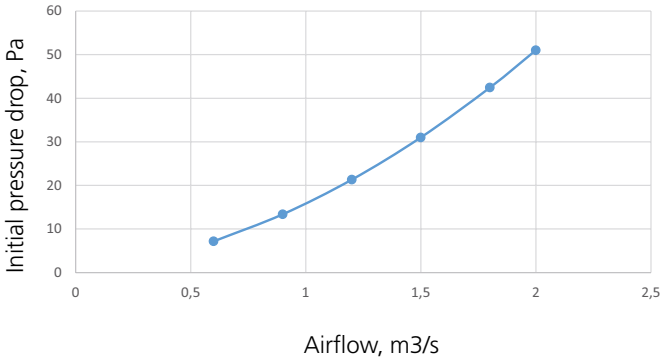
Standard F7 filters, pleated filters (intake from above)



Pre-filters, G4

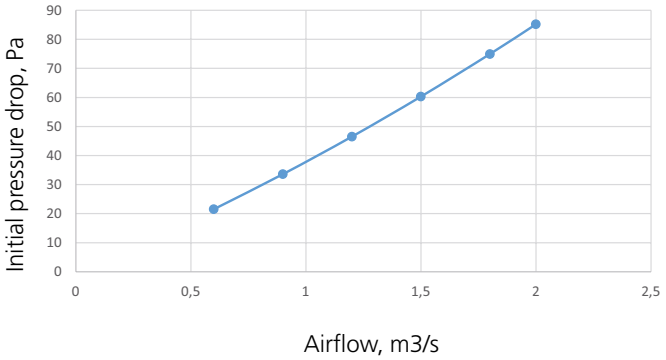


Pre-filters, aluminium

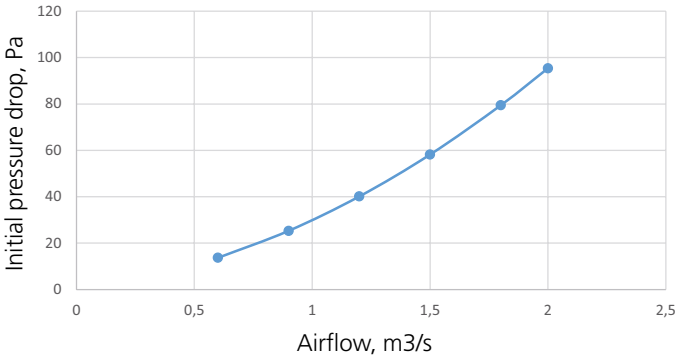


SD, size 14/20

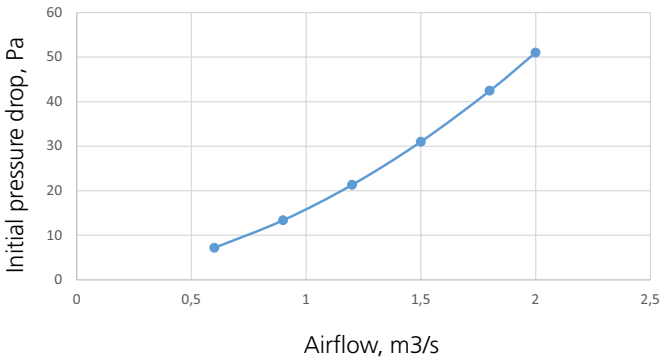
Standard F7 filters, bag filters (intake from the side)



Pre-filters, G4

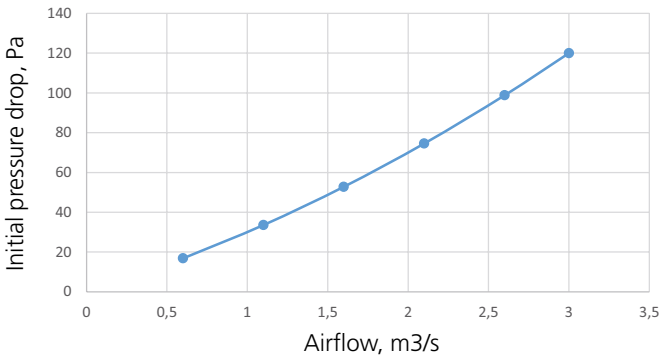


Pre-filters, aluminium

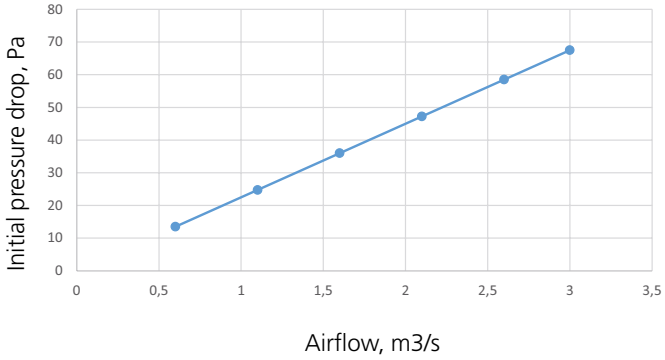


RX/PX, size 25/30

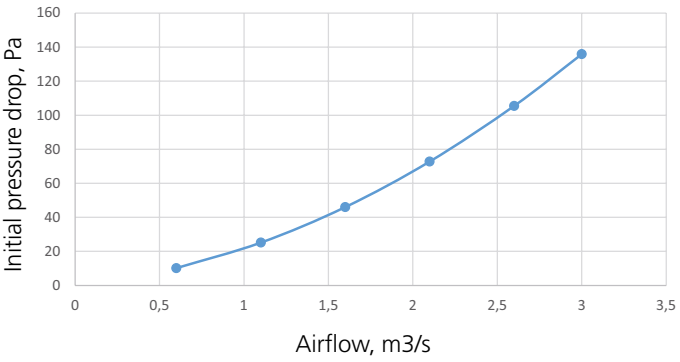
Standard F7 filters, bag filters (intake from the side)



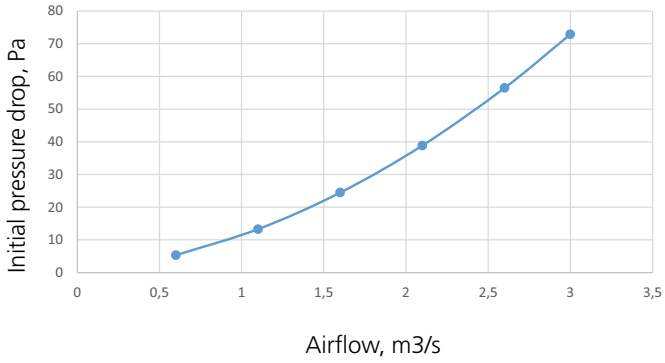
Standard F7 filters, pleated filters (intake from above)



Pre-filters, G4

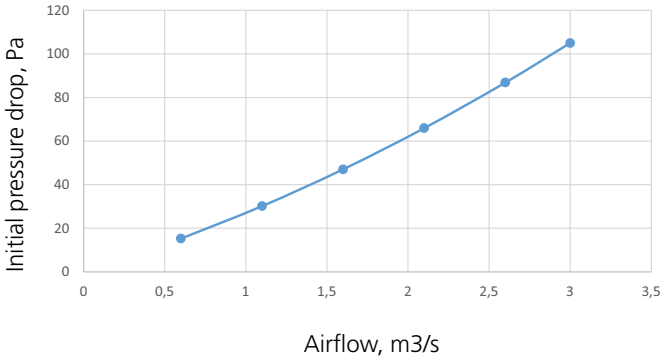


Pre-filters, aluminium

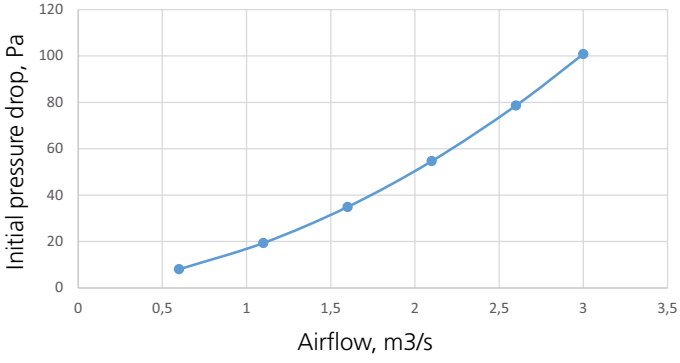


SD, size 25/30

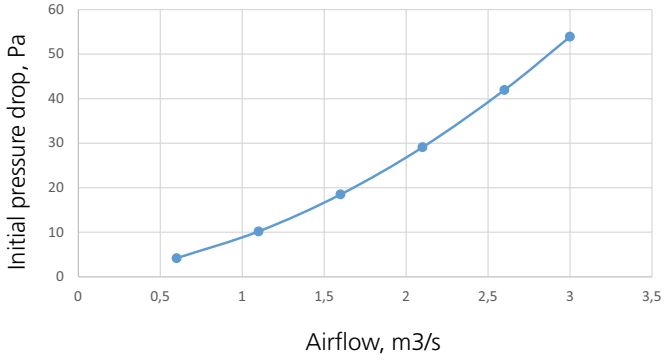
Standard filter, F7



Pre-filters, G4

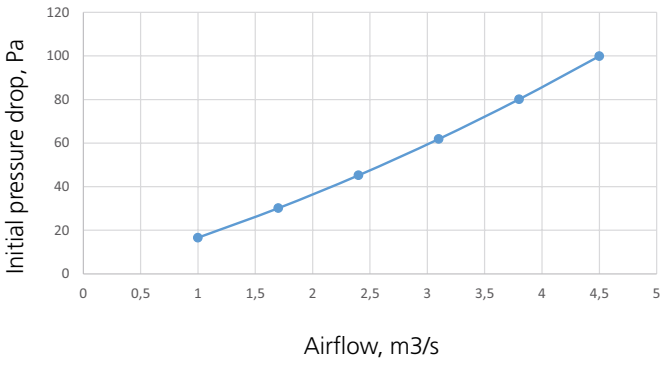


Pre-filters, aluminium

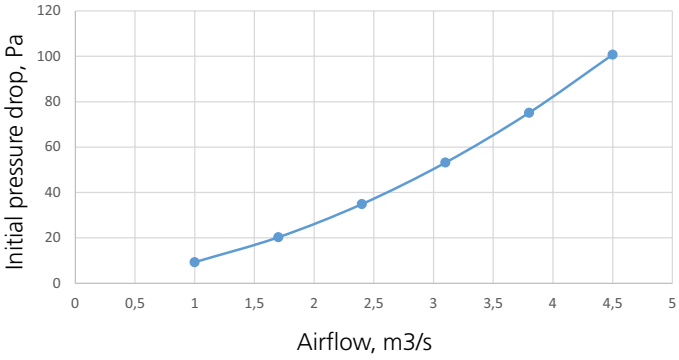


RX/CX, size 35/40

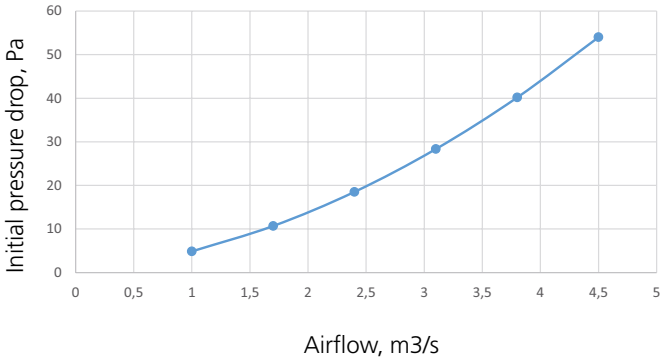
Standard filter, F7



Pre-filters, G4

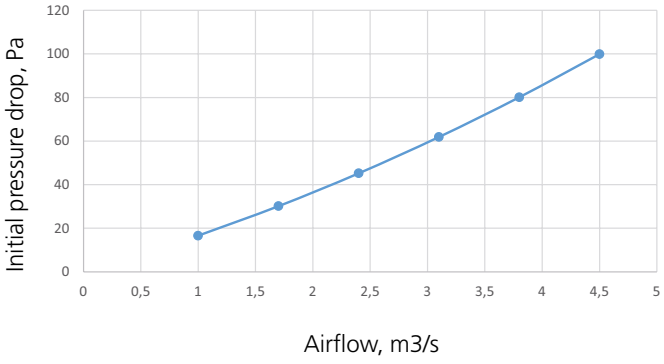


Pre-filters, aluminium

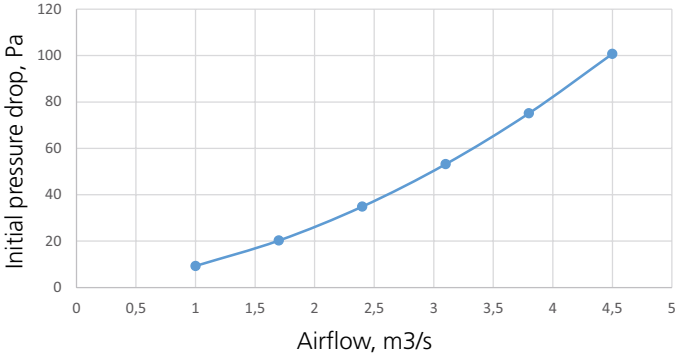


SD, size 35/40

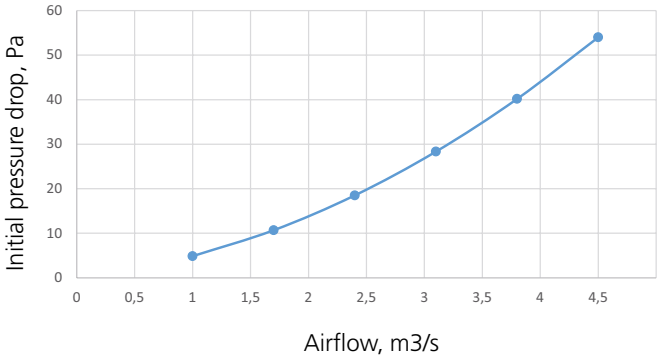
Standard filter, F7



Pre-filters, G4

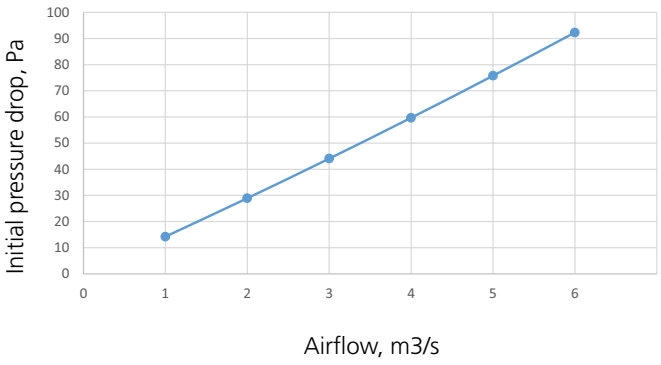


Pre-filters, aluminium

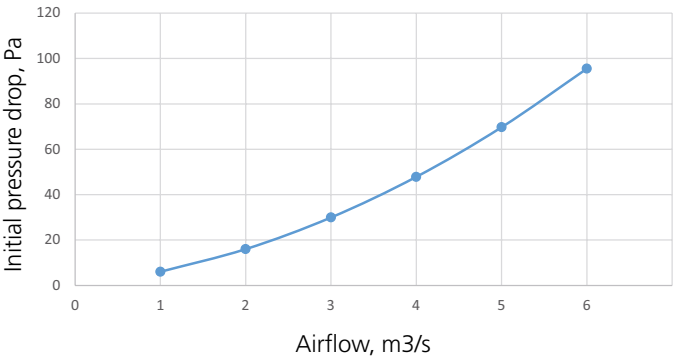


RX/CX, size 50/60

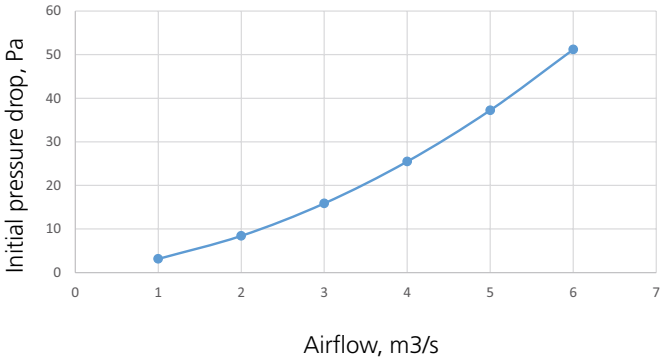
Standard F7 filters, bag filters (intake from the side)



Pre-filters, G4

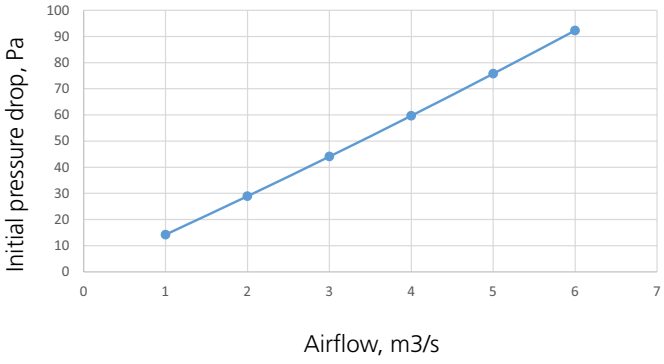


Pre-filters, aluminium

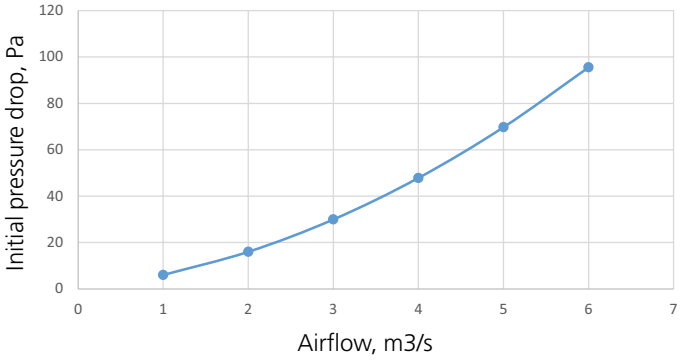


SD, size 50/60

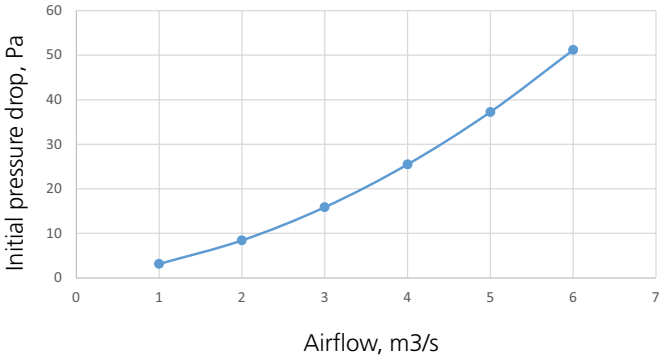
Standard filter, F7



Pre-filters, G4

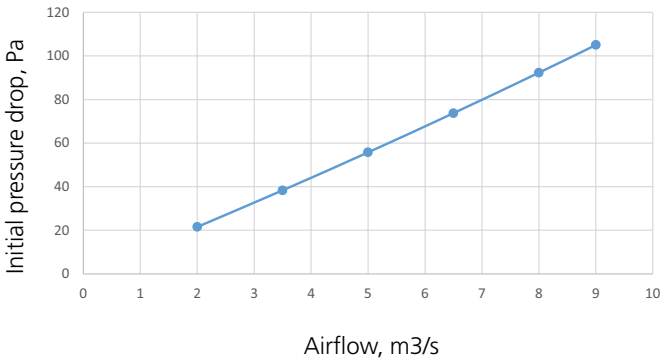


Pre-filters, aluminium

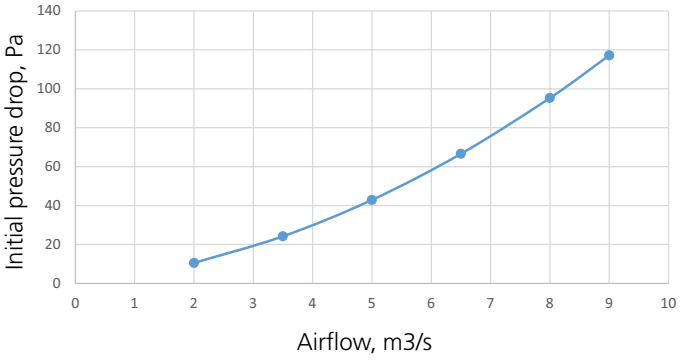


RX/CX, size 70/80

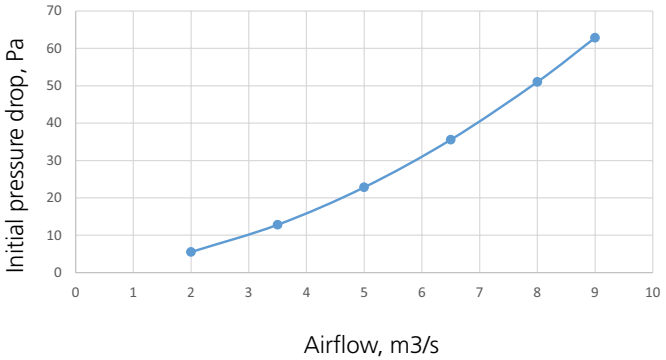
Standard filter, F7



Pre-filters, G4

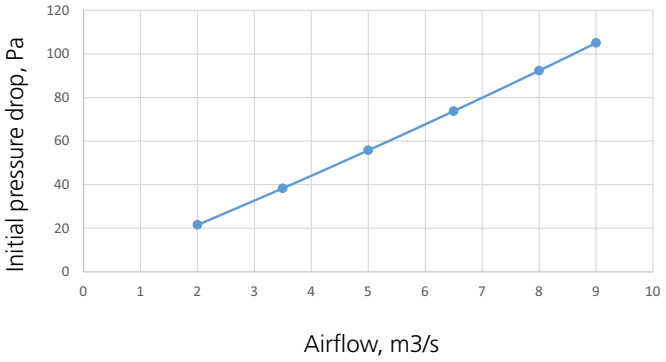


Pre-filters, aluminium

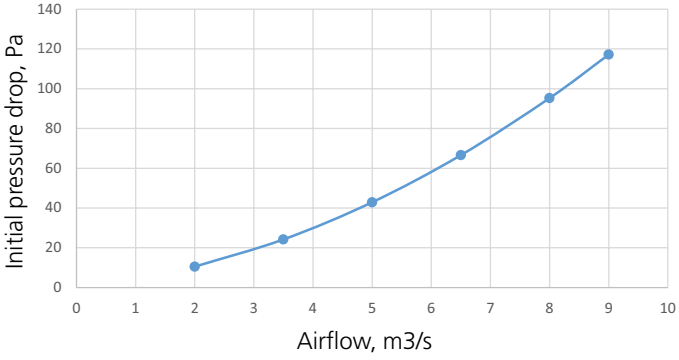


SD, size 70/80

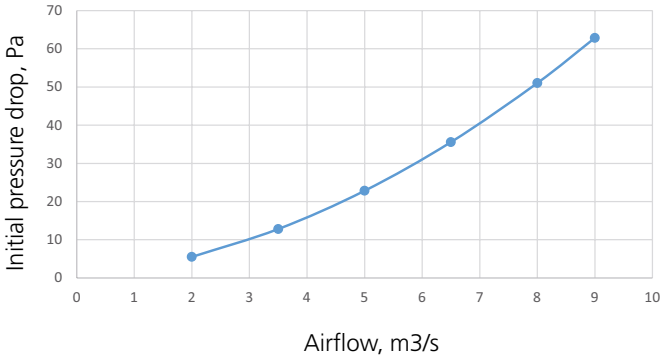
Standard filter, F7



Pre-filters, G4

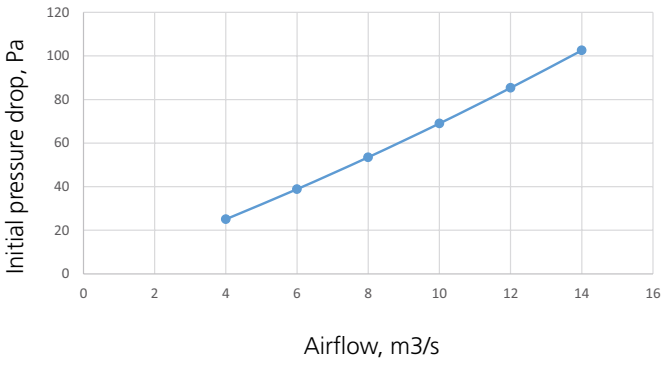


Pre-filters, aluminium

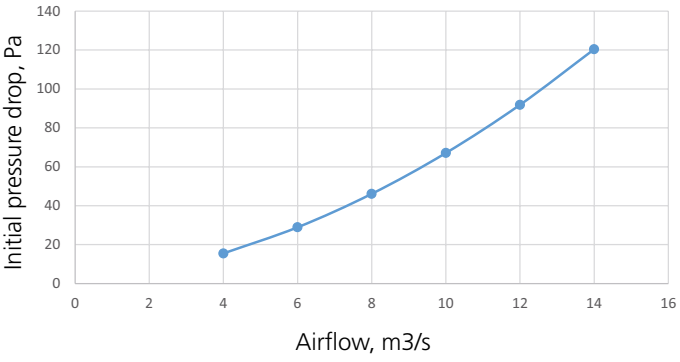


RX/CX, size 100/120

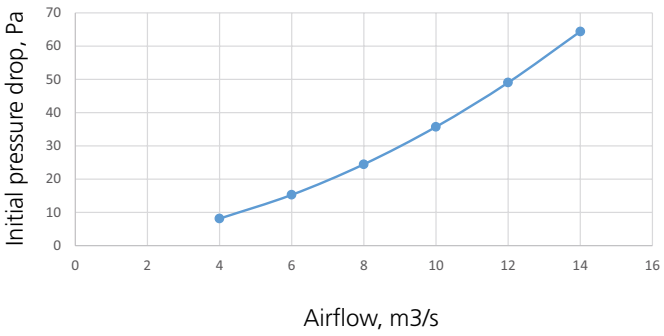
Standard F7 filters, bag filters (intake from the side)



Pre-filters, G4

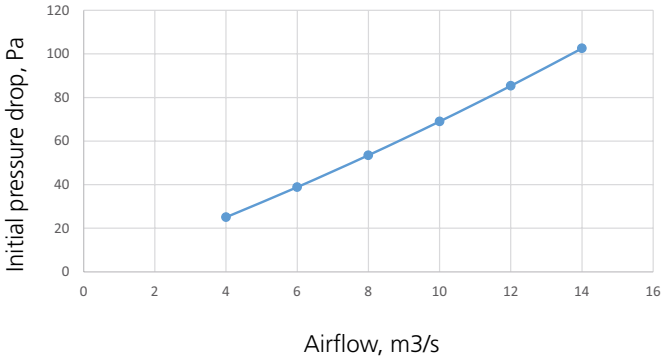


Pre-filters, aluminium

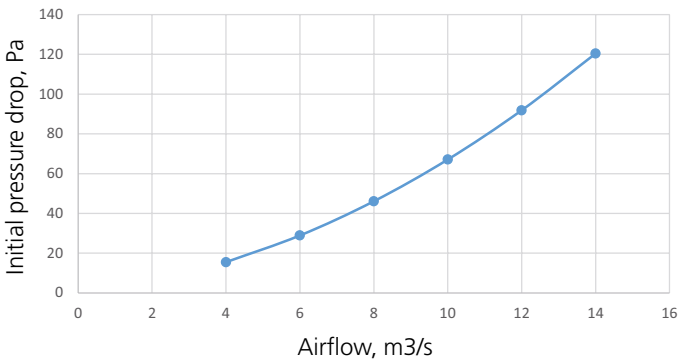


SD, size 100/120

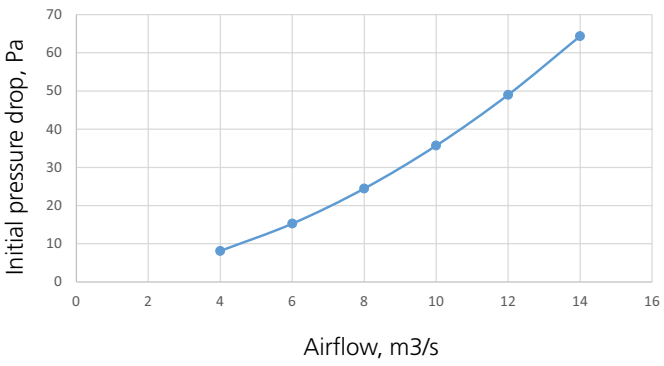
Standard filter, F7



Pre-filters, G4



Pre-filters, aluminium



4.2 Cleaning and Inspection

4.2.1 General

Clean the interior of the air handling unit if needed. Inspection of the air handling unit should be performed when you change filters or at least twice a year.

4.2.2 Filter spaces

The most appropriate time to clean the unit is when you change the filters.

4.2.3 Heat exchangers

Check at least twice a year whether cleaning is necessary. Cleaning can be done from the filter space.

Rotary heat exchanger
The heat exchanger should above all be cleaned by vacuum cleaning with a soft nozzle to prevent damage to the air passages in the rotor.

Turn the rotor by hand to reach all surfaces. If the heat exchanger is substantially fouled, its surfaces can be blown clean with compressed air.

If needed, the heat exchanger can be withdrawn from the unit casing and washed with degreasing solvent. Only service personnel trained by Swegon shall be permitted to wash it in this way.

Vinyl-coated fabric seal

Lift up the fabric seal and inspect its underside. Clean if needed by brushing or vacuum cleaning.

If the vinyl-coated fabric seal is worn or substantially fouled, it should be replaced. Do not lubricate it!

Drive belt tension

Replace the drive belt if it feels loose or worn and slightly slips if it meets resistance. Contact service personnel trained by Swegon.

Plate heat exchanger
Always clean against the regular direction of airflow.

Cleaning must only be done by blowing with compressed air, vacuum cleaning with a soft nozzle or wet cleaning with water and/or solvent. Before you begin cleaning, cover adjacent functional sections to protect them.

If cleaning solvent is used, do not use solvent that will corrode aluminium or copper. Swegon's cleaning agent is recommended. This cleaning agent is sold by Swegon Service.

Inspect the drain to make sure that it isn't clogged. The by-pass and shut-off dampers do not require maintenance.

Coil heat exchangers
Make sure that the coils are purged of air. If a droplet eliminator is fitted, remove it and flush it clean with water.

Always clean against the regular direction of airflow.

Cleaning must only be done by blowing with compressed air, vacuum cleaning with a soft nozzle or wet cleaning with water and/or solvent. Before you begin cleaning, cover adjacent functional sections to protect them.

If cleaning solvent is used, do not use solvent that will corrode aluminium or copper. Swegon's cleaning agent is recommended. This cleaning agent is sold by Swegon Service.

While cleaning, check whether venting is necessary, check the content of glycol in the water and the condition of the coil for leakage. Also check that the drain is not clogged.

4.2.4 Fans and fan spaces

Inspect and, if needed, clean the fan impellers to remove dirt deposits.

Check the impeller to make sure that it is not out of balance.

Vacuum clean the fan motor or brush its surfaces. It can also be cleaned by carefully wiping it with a damp cloth and dishwashing detergent.

Clean the fan space, if needed.

4.3 General inspection

A general inspection should be performed whenever you change filters or at least once a year.

Parts subject to wear such as fan bearings, seals, drive belts, etc. should be checked and be replaced if necessary.

5. Measurement of the airflow

5.1 To connect manometers

If a U-tube manometer or a Magnehelic manometer has been supplied by Swegon, see separate instructions.

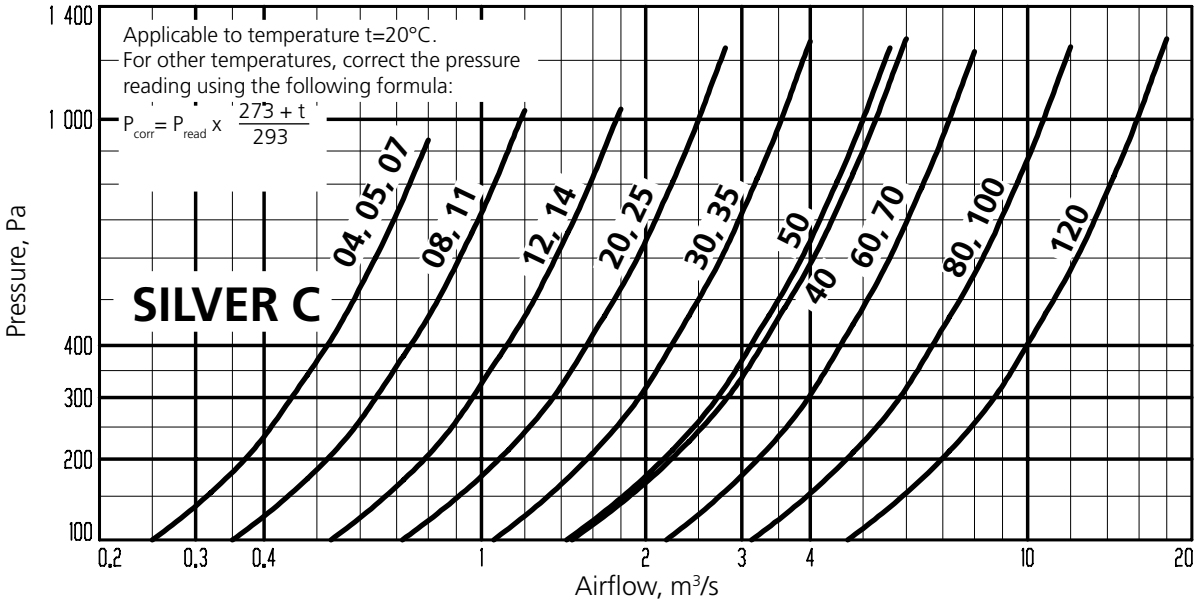
If no manometer has been supplied by Swegon:

The hoses supplied (blue (-) and white (+) lying inside the fan space) are, from the factory, connected to the measurement points of the fan. The installation of nipples (measurement tappings) on the inspection door of the air handling unit and the further running of hoses to a manometer must be done at site (not Swegon).

5.2 Auxiliary diagram for measuring airflows

The pressure reading on the manometer corresponds to the airflow according to the diagram below.

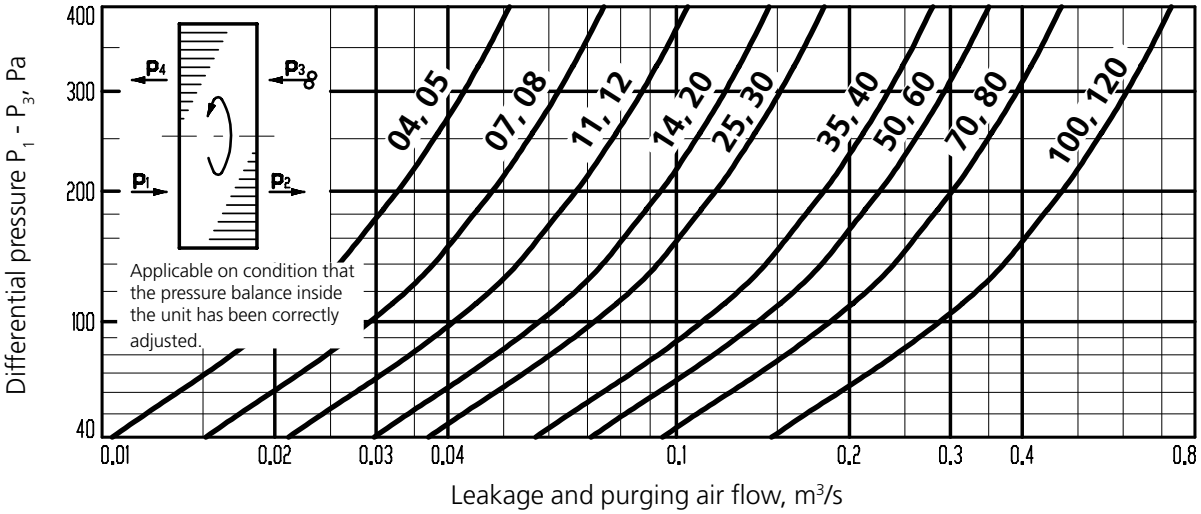
For rotary heat exchangers, the airflow should also be corrected according to the correction diagram.



Correction diagram for rotary heat exchangers

If a rotary heat exchanger is located between the fan that has generated the airflow according to the above, and the point at which it is desirable to calculate the airflow, then the flow must be corrected according to diagram below.

The leakage and purging airflow go from higher to lower pressure. The pressure on the supply air side is normally higher, which means that the outdoor airflow is the supply air fan's airflow plus the leakage and purging airflow, and the extract airflow is the extract air fan's airflow minus the leakage and purging airflow.



5.2.1 Calculation of temperature-compensated airflows

$$\Delta p_c = \Delta p \times \frac{273 + t_a}{293}$$

Δp_c = corrected flow measurement pressure in Pa
Δp = measured flow measurement pressure in Pa
t_a = the air temperature at the fan inlet in °C

$$q = \sqrt{\frac{\Delta p_c}{c_1} + c_2} - \sqrt{c_2}$$

q = the calculated airflow, [m³/s]
c_1, c_2 = constants that depend on fan size, see table below.

5.2.2 Calculation of flow measurement pressure

$$\Delta p = (c_1 \times q + c_3) \times q$$

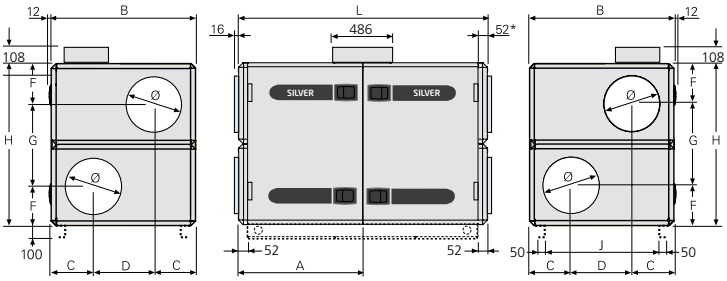
Δp = calculated flow measurement pressure in Pa
q = airflow at fan inlet in m³/s
c_1, c_3 = constants that depend on fan size, see table below.

Size	Min. air flow, m³/s	SILVER C RX/PX/CX		SILVER C SD		c1	c2	c3
		Max. air-flow, m³/s	Max. pres-sure read-ing, Pa	Max. air-flow, m³/s	Max. pres-sure read-ing, Pa			
04	0,08	0,45	301	0,6	529	1421,9	0,0001	28,4
05	0,08	0,65	619	0.8	933	1421,9	0,0001	28,4
07	0,08	0,75	821	0.8	933	1421,9	0,0001	28,4
08	0,20	1,0	719	1.2	1028	690	0,00043	28,74
11	0,20	1.1	867	1.2	1028	690	0,00043	28,74
12	0,20	1,4	630	1,8	1034	311,75	0,00045	13,21
14	0,20	1,65	871	1,8	1034	311,75	0,00045	13,21
20	0.30	2.1	712	2,8	1245	151	0,00525	21,89
25	0.30	2.5	998	2,8	1245	151	0,00525	21,89
30	0,50	3,2	816	4	1269	77,688	0,00174	6,48
35	0,50	3,9	1207	4	1269	77,688	0,00174	6,48
40-1	0,75	3,9	561	5	901	32,942	0,05509	15,464
40-2	0,75	5.0	901	6	1279	32,942	0,05509	15,464
50	0,60	5.0	998	5.6	1245	37,75	0,02102	10,945
60	1,00	6,5	814	8	1232	19,11	0,00078	1,07
70	1,00	7,5	1083	8	1232	19,11	0,00078	1,07
80	1,50	9,5	790	12	1250	8,378	0,04642	3,61
100	1.5	11	1053	12	1250	8,378	0,04642	3,61
120	2.5	14	779	18	1279	3,848	0,05349	1,78

6. Technical data

6.1 Dimensions, SILVER C RX one-piece air handling units with rotary heat exchanger

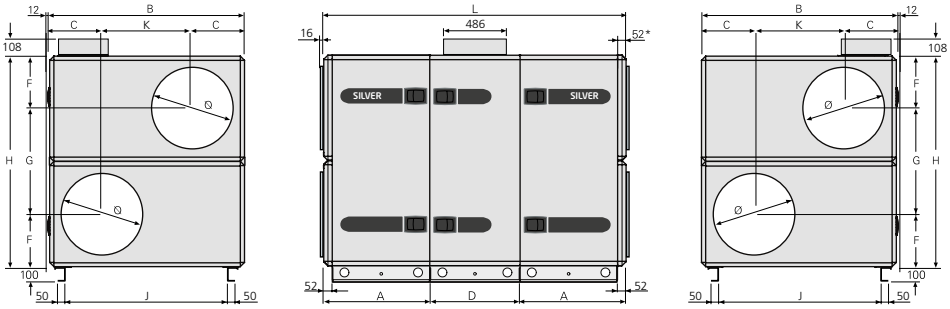
SILVER C 04/05, 07/08



** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*

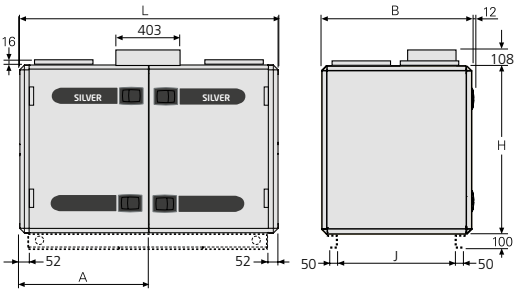
Base beams are optional.

SILVER C 11/12

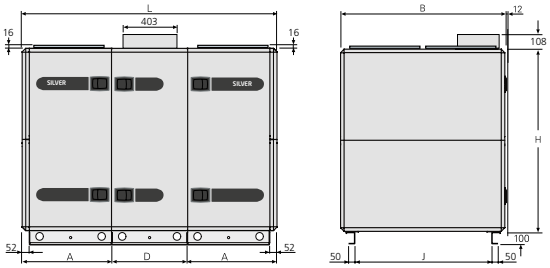


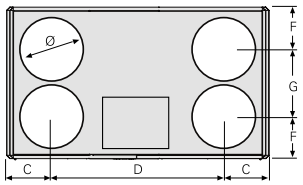
** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*

SILVER C RX Top 04/05, 07/08

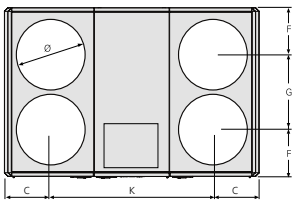


SILVER C Top 11/12



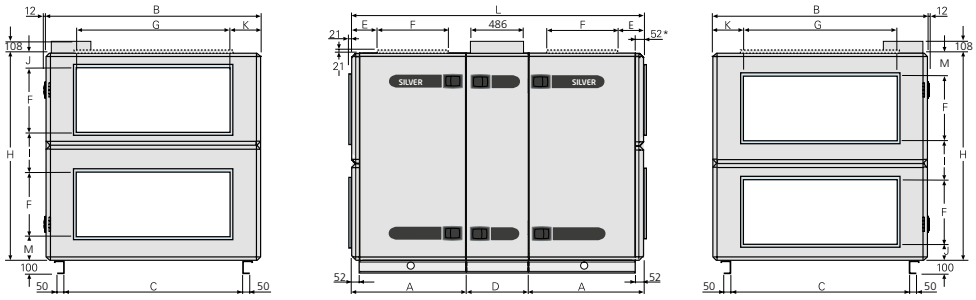


Base beams are optional.



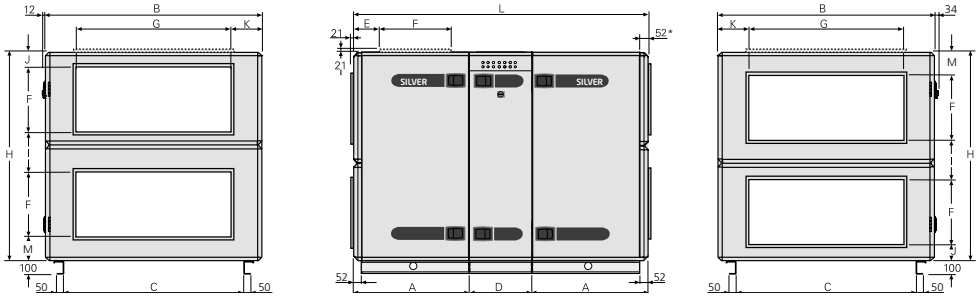
Size	A	B	C	D	F	G	H	J	K	L	Ø	Weight, kg
04/05	750	825	240	345	230	460	920	561	–	1500	315	214-243
Top 04/05	750	825	233,5	1033	237,5	350	920	561	–	1500	315	247
07	800	995	277,5	440	271	543	1085	730	–	1600	400	262-301
Top 07	800	995	276	1048	280	435	1085	730	–	1600	400	306
08	800	995	277,5	440	271	543	1085	730	–	1600	400	270-309
Top 08	800	995	276	1048	280	435	1085	730	–	1600	400	310
11	655	1199	324	550	324	647	1295	935	551	1860	500	444-496
Top 11	655	1199	332	550	333	533	1295	935	1196	1860	500	488
12	655	1199	324	550	324	647	1295	935	551	1860	500	466-518
Top 12	655	1199	332	550	333	533	1295	935	1196	1860	500	504

SILVER C 14/20, 25/30



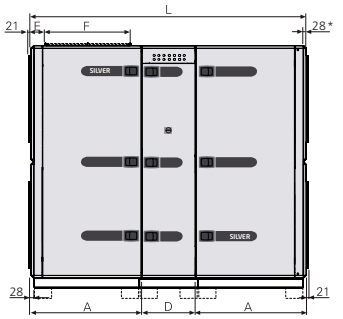
** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The illustration shows the connections for Fan Arrangement 1. If the unit has Fan Arrangement 2, the connections will be reversed.*

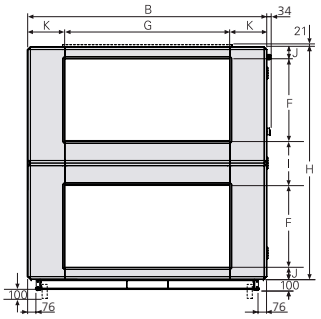
SILVER C 35/40



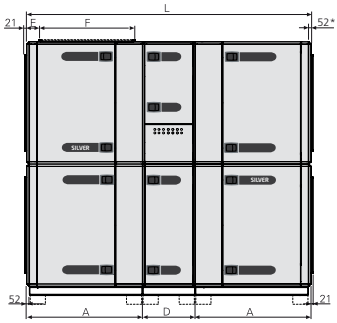
** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The illustration shows the connections for Fan Arrangement 1. If the unit has Fan Arrangement 2, the connections will be reversed.*

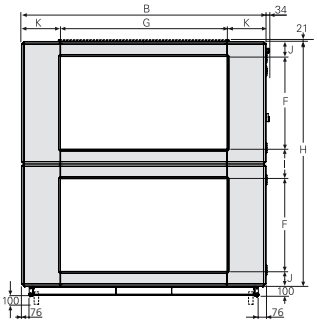
SILVER C 50/60





SILVER C 70/80

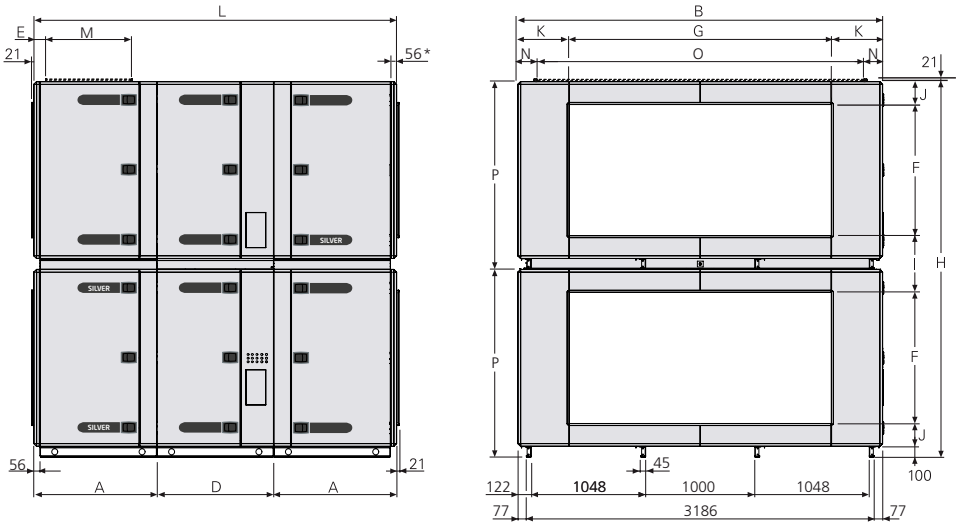




** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*

Size	A	B	C	D	E	F	G	H	I	J	K	L	M	Weight, kg
14	765	1400	1136	550	208	400	1000	1395	298	109	200	2080	188	521-589
20	765	1400	1136	550	208	400	1000	1395	298	109	200	2080	188	557-625
25	835	1600	1336	550	193	500	1200	1595	298	94	200	2220	203	666-746
30	835	1600	1336	550	193	500	1200	1595	298	94	200	2220	203	708-786
35	948	1990	1726	550	200	600	1400	1985	392	153	295	2446	240	956-1070
40	948	1990	1726	550	200	600	1400	1985	392	153	295	2446	240	1006-1120
50	1050	2318	–	570	150	800	1600	2253	423	115	360	2670	–	1294-1418
60	1050	2318	–	570	150	800	1600	2253	423	115	360	2670	–	1374-1498
70	1275	2637	–	570	164	1000	1800	2640	319	161	419	3120	–	2059-2211
80	1275	2637	–	570	164	1000	1800	2640	319	161	419	3120	–	2159-2435

SILVER C 100/120

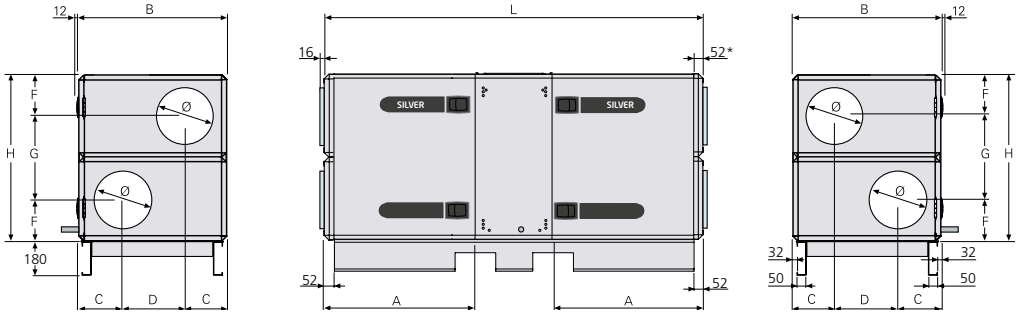


** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*

Size	A	B	D	E	F	G	H	I	J	K	L	M	N	O	P	Weight, kg
100	1126	3340	1070	191	1200	2400	3440	520	210	470	3322	800	170	2500	1720	3540-3900
120	1126	3340	1070	191	1200	2400	3440	520	210	470	3322	800	170	2500	1720	3746-4168

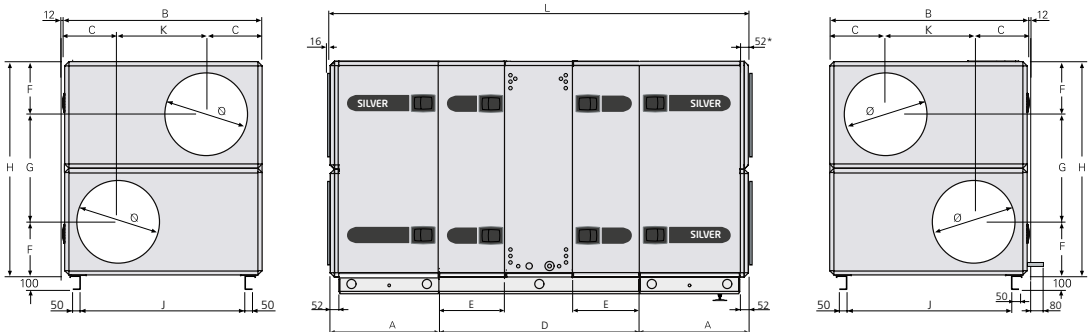
6.2 Dimensions, SILVER C PX one-piece air handling units with plate heat exchanger

SILVER C 04/05, 07/08



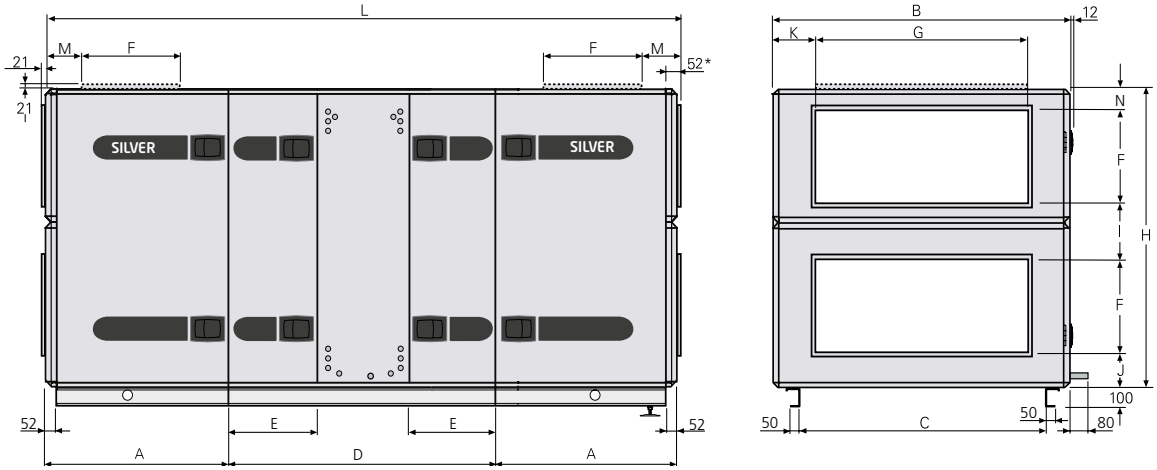
** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*

SILVER C 11/12



** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*

SILVER C 14/20, 25/30

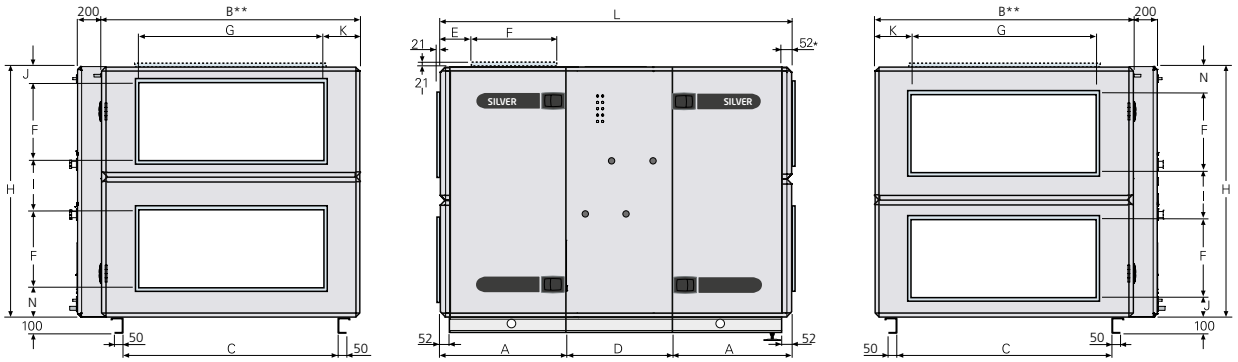


** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*

Size	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Ø	Weight, kg
04/05	800	825	240	345	–	230	460	920	–	–	–	2000	–	–	315	291-337
07	915	995	277,5	440	–	271	543	1085	–	–	–	2230	–	–	400	360-419
08	915	995	277,5	440	–	271	543	1085	–	–	–	2230	–	–	400	369-428
11	655	1199	324	1200	397	324	647	1295	–	935	551	2510	–	–	500	552-646
12	655	1199	324	1200	397	324	647	1295	–	935	551	2510	–	–	500	574-668
14	765	1400	1136	1300	450	400	1000	1395	298	188	200	2830	208	109	–	667-773
20	765	1400	1136	1300	450	400	1000	1395	298	188	200	2830	208	109	–	703-809
25	835	1600	1336	1550	575	500	1200	1595	298	203	200	3220	193	94	–	905-1058
30	835	1600	1336	1550	575	500	1200	1595	298	203	200	3220	193	94	–	945-1098

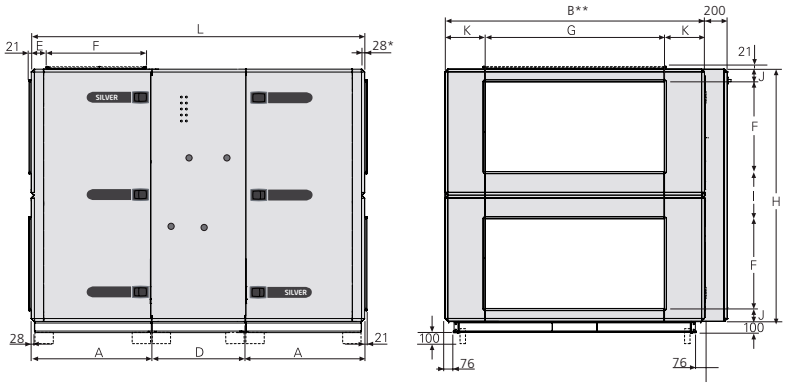
6.3 Dimensions, SILVER C CX one-piece air handling units with coil heat exchangers

SILVER C 35/40



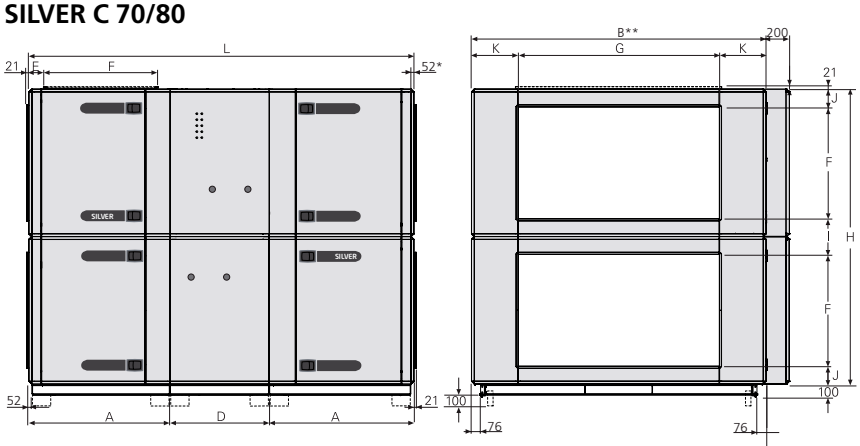
** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*
*** Width of centre section's casing = B + 200 mm.*
The dimension print shows the connection configuration for Fan Arrangement 1. For Fan Arrangement 2 the connections are mirror-inverted.

SILVER C 50/60



** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*
*** Width of centre section's casing = B + 200 mm.*

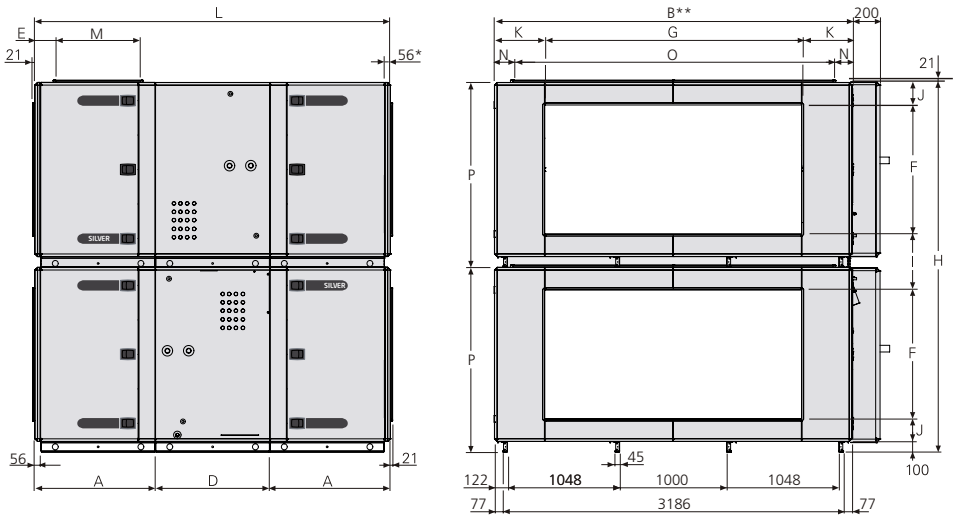
SILVER C 70/80



** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*
*** Width of centre section's casing = B + 200 mm.*

Size	A	B	C	D	E	F	G	H	I	J	K	L	N	Weight, kg
35	948	1990	1726	824	200	600	1400	1985	392	153	295	2719	240	1410-1524
40	948	1990	1726	824	200	600	1400	1985	392	153	295	2719	240	1460-1574
50	1050	2318	–	856	150	800	1600	2253	423	115	360	2956	–	1887-2011
60	1050	2318	–	856	150	800	1600	2253	423	115	360	2956	–	1967-2091
70	1275	2637	–	904	164	1000	1800	2640	319	161	419	3454	–	2797-2949
80	1275	2637	–	904	164	1000	1800	2640	319	161	419	3454	–	2897-3173

SILVER C 100/120

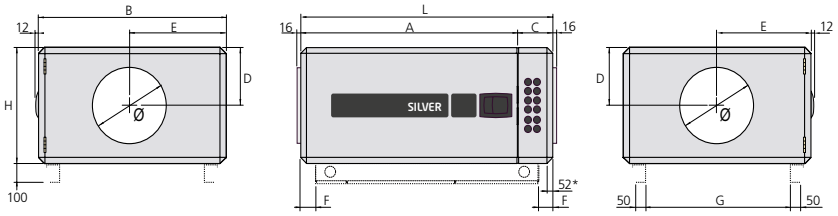


** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*
*** Width of centre section's casing = B + 200 mm.*

Size	A	B	D	E	F	G	H	I	J	K	L	M	N	O	P	Weight, kg
100	1126	3340	1144	191	1200	2400	3440	520	210	470	3396	800	170	2500	1720	4374-4734
120	1126	3340	1144	191	1200	2400	3440	520	210	470	3396	800	170	2500	1720	4580-5002

6.4 Dimensions, separate SILVER C SD supply air and extract air handling units

SILVER C 04/05, 07/08

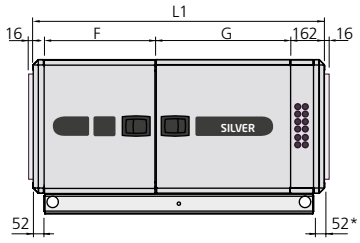


** If a duct accessory housed in an insulated casing will be connected, the air handling unit is supplied with an end connection panel designed for connection to the duct accessory.*

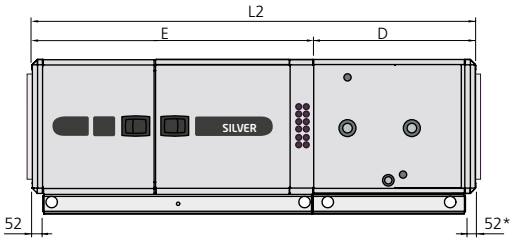
Base beams are optional.

Size	L	B	H	A	C	D	E	F	G	Ø	Weight, kg
04/05	1099	825	490	937	162	245	412,5	102	561	315	105-119
07	1174	995	575	1012	162	287,5	497,5	73	730	400	113-133
08	1174	995	575	1012	162	287,5	497,5	73	730	400	117-137

SILVER C 11/12

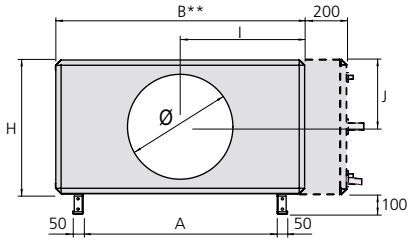


Fan



Fan + coil heat exchanger

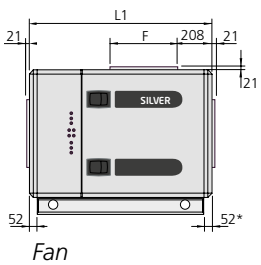
** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*
*** Width of coil heat exchanger (if required) = B + 200 mm*



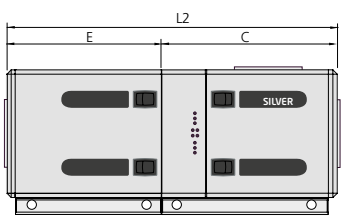
Size	Weight, kg fan + filter	Weight, kg fan + filter + coil
11	150-176	321-347
12	161-187	332-358

Size	L1	L2	B	H	A	D	E	F	G	I	J	Ø
11/12	1404	2092	1199	648	935	740	1352	540	650	599,5	324	500

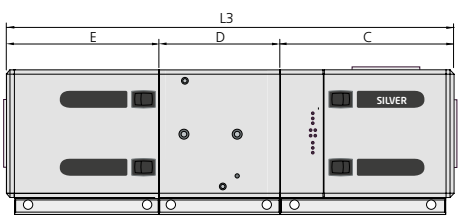
SILVER C 14/20



Fan

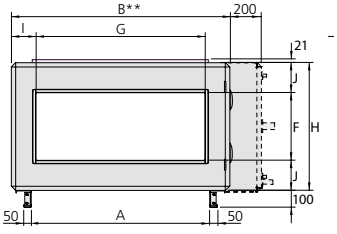


Fan + filter



Fan + filter + coil heat exchanger

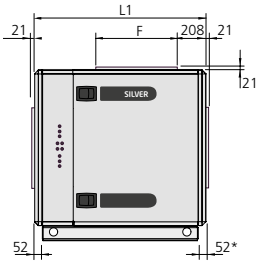
** If a duct accessory housed in an insulated casing will be connected, the air handling unit is supplied with an end connection panel designed for connection to the duct accessory.*
*** Width of coil heat exchanger (if required) = B + 200 mm*



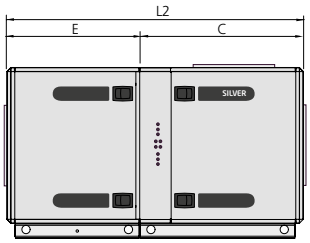
Size	Weight, kg fan	Weight, kg fan + filter	Weight, kg fan + filter + coil
14	169-188	254-292	450-518
20	187-206	272-310	498-536

Size	L1	L2	L3	B	H	A	C	D	E	F	G	I	J
14/20	1040	1875	2615	1400	806	1136	988	740	887	400	1000	200	203

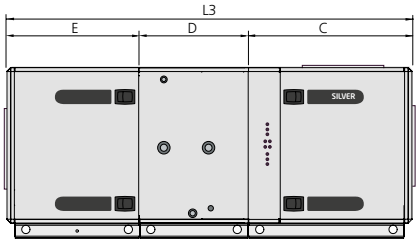
SILVER C 25/30, 35/40



Fan

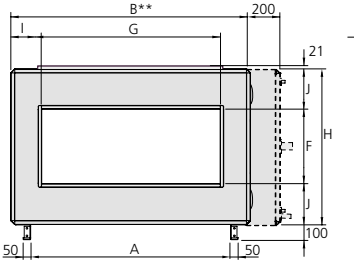


Fan + filter



Fan + filter + coil heat exchanger

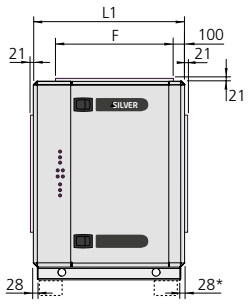
** If a duct accessory housed in an insulated casing will be connected, the air handling unit is supplied with an end connection panel designed for connection to the duct accessory.*
*** Width of coil heat exchanger (if required) = B + 200 mm*



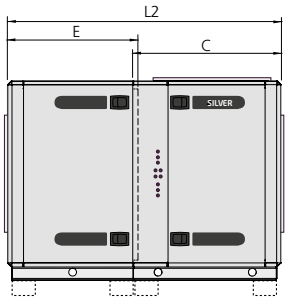
Size	Weight, kg fan	Weight, kg fan + filter	Weight, kg fan + filter + coil
25	241-267	330-382	626-678
30	261-287	350-402	646-698
35	316-350	418-486	793-861
40	341-375	443-511	818-886

Size	L1	L2	L3	B	H	A	C	D	E	F	G	I	J
25/30	1145	1980	2720	1600	1026	1336	1093	740	887	500	1200	200	263
35/40	1145	1980	2720	1990	1126	1726	1093	740	887	600	1400	295	263

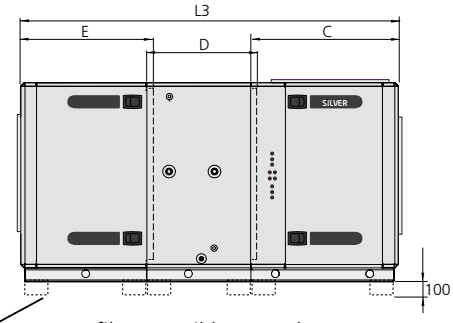
SILVER C 50/60



Fan



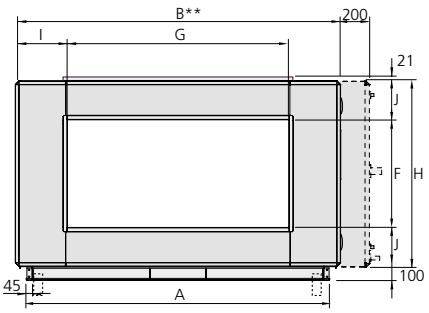
Fan + filter



Fan + filter + coil heat exchanger

** If a duct accessory housed in an insulated casing will be connected, the air handling unit is supplied with an end connection panel designed for connection to the duct accessory.*
*** Width of coil heat exchanger (if required) = B + 200 mm*

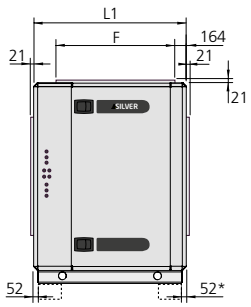
Supplied on 100 mm high support feet. The feet can be removed or kept as they are when the unit is at its final location. The unit has provision for mounting adjustable support feet.



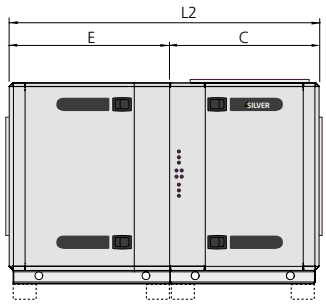
Size	Weight, kg fan	Weight, kg fan + filter	Weight, kg fan + filter + coil
50	379-410	558-620	1093-1155
60	419-450	589-660	1133-1195

Size	L1	L2	L3	A	B	H	C	D	E	F	G	I	J
50/60	1078	1947	2687	2166	2318	1320	1050	762	919	800	1600	359	260

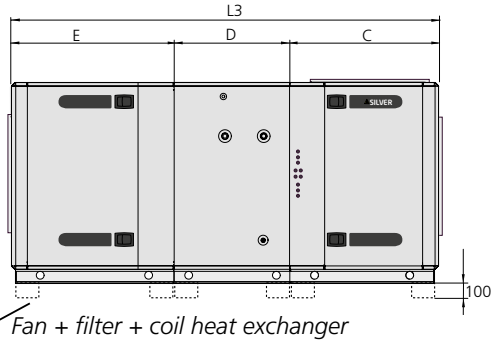
SILVER C 70/80



Fan

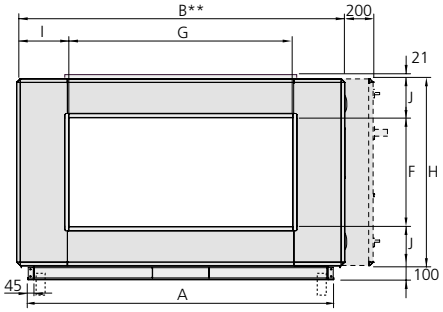


Fan + filter



Fan + filter + coil heat exchanger

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*
*** Width of coil heat exchanger (if required) = B + 200 mm*

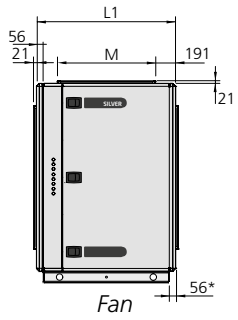


Supplied on 100 mm high support feet. The feet can be removed or kept as they are when the unit is at its final location. The unit has provision for mounting adjustable support feet.

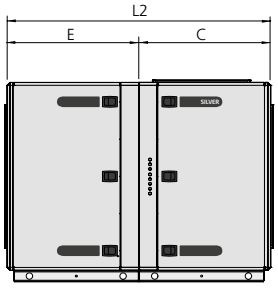
Size	Weight, kg fan	Weight, kg fan + filter	Weight, kg fan + filter + coil
70	552-590	783-859	1563-1639
80	602-640	833-909	1613-1689

Size	L1	L2	L3	A	B	H	C	D	E	F	G	I	J
70/80	1327	2550	3452	2485	2637	1320	1275	902	1275	1000	1800	419	160

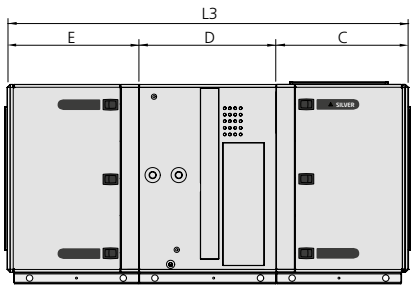
SILVER C 100/120



Fan

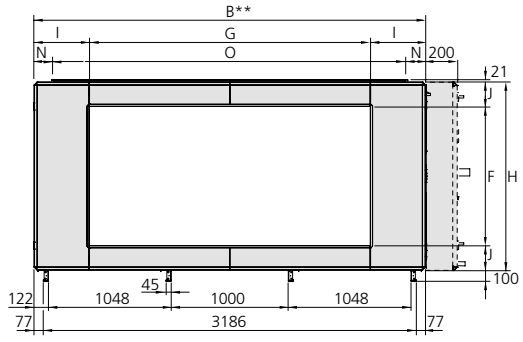


Filter + fan



Filter + coil heat exchanger + fan

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected.*
*** Width of coil heat exchanger (if required) = B + 200 mm*



Size	Weight, kg fan	Weight, kg filter + fan	Weight, kg filter + coil + fan
100	654-834	1183-1363	2187-2367
120	757-968	1286-1497	2290-2501

Size	L1	L2	L3	B	H	C	D	E	F	G	I	J	M	N	O
100/120	1182	2252	3396	3340	1620	1126	1144	1126	1200	2400	470	210	800	170	2500

6.5 Electrical data

6.5.1 Fans

The respective size of SILVER C is available in two capacity variants (does not apply to size 04). The lower specified capacity on the respective size in the table below applies to capacity variant 1 and the higher capacity applies to capacity variant 2.

Specified voltage -10% – +15%.

RATED DATA PER FAN

SILVER C 04: Motor shaft power: 0.8 kW (0.41 kW)*,
motor control syst.: 1 x 230 V, 50 Hz, rated 2.3 A

SILVER C 05: Motor shaft power: 0.8 kW,
motor control syst.: 1 x 230 V, 50 Hz, rated 4.3 A
alt. Motor shaft power: 1.15 kW,
motor control syst.: 1 x 230 V, 50 Hz, rated 5.5 A

SILVER C 07: Motor shaft power: 0.8 kW,
motor control syst.: 1 x 230 V, 50 Hz, rated 4.3 A
alt. Motor shaft power: 1.15 kW,
motor control syst.: 1 x 230 V, 50 Hz, rated 5.5 A

SILVER C 08: Motor shaft power: 1.15 kW,
motor control syst.: 1 x 230 V, 50 Hz, rated 6,0 A
alt. Motor shaft power: 1.6 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 2.8 A

SILVER C 11: Motor shaft power: 1.15 kW,
motor control syst.: 1 x 230 V, 50 Hz, rated 6.0 A
alt. Motor shaft power: 1.6 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 2.8 A

SILVER C 12: Motor shaft power: 1.6 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 2.8 A
alt. Motor shaft power: 2.4 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 3.8 A

SILVER C 14: Motor shaft power: 1.6 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 2.8 A
alt. Motor shaft power: 2.4 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 3.8 A

SILVER C 20: Motor shaft power: 2.4 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 4.2 A
alt. Motor shaft power: 3.4 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 5.9 A

SILVER C 25: Motor shaft power: 2.4 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 4.2 A
alt. Motor shaft power: 3.4 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 5.9 A

SILVER C 30: Motor shaft power: 4.0 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 7.3 A
alt. Motor shaft power: 5.0 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 8.9 A

SILVER C 35: Motor shaft power: 4.0 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 7.3 A
alt. Motor shaft power: 5.0 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 8.9 A

SILVER C 40: Motor shaft power: 5.0 kW (3.9 kW)*,
motor control syst.: 3 x 400 V, 50 Hz, rated 7.2 A
alt. Motor shaft power: 6.5 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 11.9 A

SILVER C 50: Motor shaft power: 2 x 2.4 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 4.2 A
alt. Motor shaft power: 2 x 3.4 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 5.9 A

SILVER C 60: Motor shaft power: 2 x 4.0 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 7.3 A
alt. Motor shaft power: 2 x 6.5 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 11.2 A

SILVER C 70: Motor shaft power: 2 x 4.0 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 7.3 A
alt. Motor shaft power: 2 x 6.5 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 11.2 A

SILVER C 80: Motor shaft power: 2 x 6.5 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 11.9 A
alt. Motor shaft power: 2 x 10 kW**,
motor control syst.: 3 x 400 V, 50 Hz,
rated 7.5+12 A

SILVER C 100: Motor shaft power: 2 x 6.5 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 11.9 A
alt. Motor shaft power: 2 x 10 kW**,
motor control syst.: 3 x 400 V, 50 Hz, rated 7.5+12 A

SILVER C 120: Motor shaft power: 3 x 6.5 kW,
motor control syst.: 3 x 400 V, 50 Hz, rated 11.9 A
alt. Motor shaft power: 3 x 10 kW**,
motor control syst.: 3 x 400 V, 50 Hz,
rated 7.5+12 A

**) The motor control system limits the output power to the value specified.*
***) Each respective fan has two motor control systems.*

6.5.2 Motor in rotary heat exchanger

6.5.2.1 Standard rotor

SILVER C RX 04-30: Step motor, 2 Nm.
45 W, 1 x 230 V, 50 Hz. Max. fuse, 6 A.
SILVER C RX 35-40: Step motor, 4 Nm.
90 W, 1 x 230 V, 50 Hz. Max. fuse, 6 A.
SILVER C RX 50-80: Step motor, 6 Nm.
150 W, 1 x 230 V, 50 Hz. Max. fuse, 6 A.
SILVER C RX 100-120: Step motor.
380 W, 3 x 400 V, 50 Hz. Max. fuse, 10 A.

6.5.2.2 RECOsorptic rotor

SILVER C RX 04-08: Step motor, 2 Nm.
45 W, 1 x 230 V, 50 Hz. Max. fuse, 6 A.
SILVER C RX 11-40: Step motor, 4 Nm.
90 W, 1 x 230 V, 50 Hz. Max. fuse, 6 A.
SILVER C RX 50-120: Step motor.
380 W, 3 x 400 V, 50 Hz. Max. fuse, 10 A.

6.6 Volume of glycol/water CX/SD coil heat exchangers

Total volume of the coils (excl. pipework package and piping):

CX, size 35/40	166 litres
CX, size 50/60	218 litres
CX, size 70/80	280 litres
CX, size 100/120	452 litres
SD, size 11/12	58 litres
SD, size 14/20	90 litres
SD, size 25/30	136 litres
SD, size 35/40	184 litres
SD, size 50/60	256 litres
SD, size 70/80	280 litres
CX/SD, size 100/120	452 litres

7. Appendices

7.1 Declaration of incorporation of a partly completed machinery

7.1.1 SILVER C RX

DECLARATION OF INCORPORATION FOR A PARTY COMPLETED MACHINE

Original

Directive 2006/42/EC, Annex II 1B

Manufacturer (and whenever applicable its authorized representative):

Company: Swegon AB
Address: Box 300, SE-53523 Kvänum, Sweden
Representative:
Address:

Declares that the partly completed machine:

Type of machine: Air handling unit
Machine No.: SILVER C 04/05, 07/08, 11/12, 14/20, 25/30, 35/40, 50/60, 70/80, 100/120 RX and accessories for each respective size that fall within the scope of these directives

Complies with the applicable parts of 2006/42/EC. The applicable parts of the directive are defined more precisely in the technical documentation compiled in accordance with Section B of Annex 7 and, for a justified cause, can be made available in digital form for any competent authorities. Applicable parts:

Also conform to the following directives:

2004/108/EG, EMC
2009/125/EG, Ecodesign (Commission regulation (EU) No. 327/2011)
2009/125/EG, Ecodesign (Commission regulation (EU) No. 1253/2014)

The following harmonised standards have been observed:

EN ISO 12100:2010 Safety of machinery - General principles for design - Risk assessment and risk mitigation
EN 60204-1:2006 Safety of machinery - Electrical equipment of machines - Part 1: Generic standards
EN ISO 13857:2008 Safety of machinery - Safety distances to prevent hazard zones from being reached by arms and legs.
EN 61000-6-2:2005 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN 61000-6-3:2007+A1 Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission from equipment in homes, offices, shops and similar environments

The following other standards and specifications have been applied:

EN 1886:2007 Ventilation for buildings - Air handling units - Mechanical performance
EN 13053:2006+A1:2011 Ventilation for buildings - Air handling units - Rating and performance for units, unit sections and components

Also declares that:

The machine may not be taken into operation before the complete machines (system) into which it has been built has been declared to conform to the provisions of Directive 2006/42/EC.

Person authorised to compile the relevant technical documentation:

Name: Dan Örtengren
Address: Box 300, SE-53523 Kvänum, Sweden

Signature:

Place and date:	Kvänum / 2017-08-31	Kvänum / 2017-08-31
Signature:		
Name:	William Lawrance	Niklas Tjäder
Position:	Product Manager, Kvänum	Plant Manager, Kvänum

7.1.2 SILVER C PX

DECLARATION OF INCORPORATION FOR A PARTY COMPLETED MACHINE

Original

Directive 2006/42/EC, Annex II 1B

Manufacturer (and whenever applicable its authorized representative):

Company: Swegon AB
Address: Box 300, SE-53523 Kvänum, Sweden
Representative:
Address:

Declares that the partly completed machine:

Type of machine: Air handling unit
Machine No.: SILVER C 04/05, 07/08, 11/12, 14/20, 25/30 PX and accessories for each respective size that fall within the scope of these directives

Complies with the applicable parts of 2006/42/EC. The applicable parts of the directive are defined more precisely in the technical documentation compiled in accordance with Section B of Annex 7 and, for a justified cause, can be made available in digital form for any competent authorities. Applicable parts:

Also conform to the following directives:

2004/108/EG, EMC
2009/125/EG, Ecodesign (Commission regulation (EU) No. 327/2011)
2009/125/EG, Ecodesign (Commission regulation (EU) No. 1253/2014)

The following harmonised standards have been observed:

EN ISO 12100:2010 Safety of machinery - General principles for design - Risk assessment and risk mitigation
EN 60204-1:2006 Safety of machinery - Electrical equipment of machines - Part 1: Generic standards
EN ISO 13857:2008 Safety of machinery - Safety distances to prevent hazard zones from being reached by arms and legs.
EN 61000-6-2:2005 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN 61000-6-3:2007+A1 Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission from equipment in homes, offices, shops and similar environments

The following other standards and specifications have been applied:

EN 1886:2007 Ventilation for buildings - Air handling units - Mechanical performance
EN 13053:2006+A1:2011 Ventilation for buildings - Air handling units - Rating and performance for units, unit sections and components

Also declares that:

The machine may not be taken into operation before the complete machines (system) into which it has been built has been declared to conform to the provisions of Directive 2006/42/EC.

Person authorised to compile the relevant technical documentation:

Name: Dan Örtengren
Address: Box 300, SE-53523 Kvänum, Sweden

Signature:

Place and date:	Kvänum / 2017-08-31	Kvänum / 2017-08-31
Signature:		
Name:	William Lawrance	Niklas Tjäder
Position:	Product Manager, Kvänum	Plant Manager, Kvänum

7.1.3 SILVER C CX

DECLARATION OF INCORPORATION FOR A PARTY COMPLETED MACHINE

Original

Directive 2006/42/EC, Annex II 1B

Manufacturer (and whenever applicable its authorized representative):

Company: Swegon AB
Address: Box 300, SE-53523 Kvänum, Sweden
Representative:
Address:

Declares that the partly completed machine:

Type of machine: Air handling unit
Machine No.: SILVER C 35/40, 50/60, 70/80, 100/120 CX and accessories for each respective size that fall within the scope of these directives

Complies with the applicable parts of 2006/42/EC. The applicable parts of the directive are defined more precisely in the technical documentation compiled in accordance with Section B of Annex 7 and, for a justified cause, can be made available in digital form for any competent authorities. Applicable parts:

Also conform to the following directives:

2004/108/EG, EMC
2009/125/EG, Ecodesign (Commission regulation (EU) No. 327/2011)
2009/125/EG, Ecodesign (Commission regulation (EU) No. 1253/2014)

The following harmonised standards have been observed:

EN ISO 12100:2010 Safety of machinery - General principles for design - Risk assessment and risk mitigation
EN 60204-1:2006 Safety of machinery - Electrical equipment of machines - Part 1: Generic standards
EN ISO 13857:2008 Safety of machinery - Safety distances to prevent hazard zones from being reached by arms and legs.
EN 61000-6-2:2005 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN 61000-6-3:2007+A1 Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission from equipment in homes, offices, shops and similar environments

The following other standards and specifications have been applied:

EN 1886:2007 Ventilation for buildings - Air handling units - Mechanical performance
EN 13053:2006+A1:2011 Ventilation for buildings - Air handling units - Rating and performance for units, unit sections and components

Also declares that:

The machine may not be taken into operation before the complete machines (system) into which it has been built has been declared to conform to the provisions of Directive 2006/42/EC.

Person authorised to compile the relevant technical documentation:

Name: Dan Örtengren
Address: Box 300, SE-53523 Kvänum, Sweden

Signature:

Place and date:	Kvänum / 2017-08-31	Kvänum / 2017-08-31
Signature:		
Name:	William Lawrance	Niklas Tjäder
Position:	Product Manager, Kvänum	Plant Manager, Kvänum

7.1.4 SILVER C SD

DECLARATION OF INCORPORATION FOR A PARTY COMPLETED MACHINE

Original

Directive 2006/42/EC, Annex II 1B

Manufacturer (and whenever applicable its authorized representative):

Company: Swegon AB
Address: Box 300, SE-53523 Kvänum, Sweden
Representative:
Address:

Declares that the partly completed machine:

Type of machine: Air handling unit
Machine No.: SILVER C 04/05, 07/08, 11/12, 14/20, 25/30, 35/40, 50/60, 70/80, 100/120 SD and accessories for each respective size that fall within the scope of these directives

Complies with the applicable parts of 2006/42/EC. The applicable parts of the directive are defined more precisely in the technical documentation compiled in accordance with Section B of Annex 7 and, for a justified cause, can be made available in digital form for any competent authorities. Applicable parts:

Also conform to the following directives:

2004/108/EG, EMC
2009/125/EG, Ecodesign (Commission regulation (EU) No. 327/2011)
2009/125/EG, Ecodesign (Commission regulation (EU) No. 1253/2014)

The following harmonised standards have been observed:

EN ISO 12100:2010 Safety of machinery - General principles for design - Risk assessment and risk mitigation
EN 60204-1:2006 Safety of machinery - Electrical equipment of machines - Part 1: Generic standards
EN ISO 13857:2008 Safety of machinery - Safety distances to prevent hazard zones from being reached by arms and legs.
EN 61000-6-2:2005 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN 61000-6-3:2007+A1 Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission from equipment in homes, offices, shops and similar environments

The following other standards and specifications have been applied:

EN 1886:2007 Ventilation for buildings - Air handling units - Mechanical performance
EN 13053:2006+A1:2011 Ventilation for buildings - Air handling units - Rating and performance for units, unit sections and components

Also declares that:

The machine may not be taken into operation before the complete machines (system) into which it has been built has been declared to conform to the provisions of Directive 2006/42/EC.

Person authorised to compile the relevant technical documentation:

Name: Dan Örtengren
Address: Box 300, SE-53523 Kvänum, Sweden

Signature:

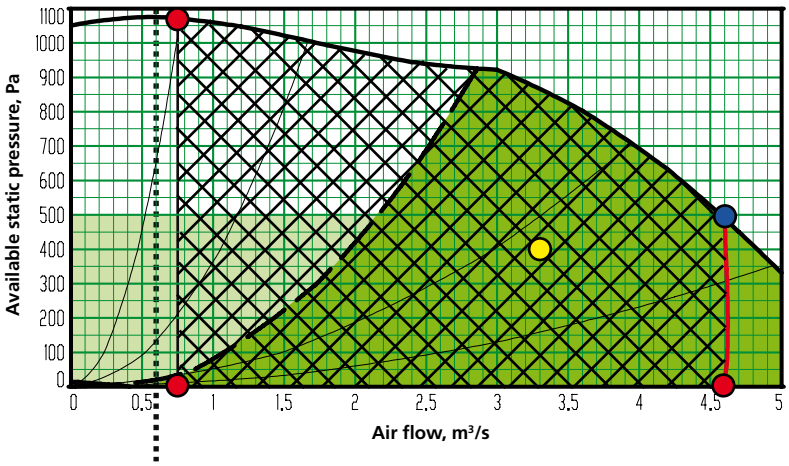
Place and date:	Kvänum / 2017-08-31	Kvänum / 2017-08-31
Signature:		
Name:	William Lawrance	Niklas Tjäder
Position:	Product Manager, Kvänum	Plant Manager, Kvänum

Air Handling Units (including GOLD-E), EU regulation 327/2011 fan data, Technical documentation data

Datum: 2013-09-19

AHU data		Fan data				Data according to ErP directive in technical documentation and free access webpage													
Type	Size	Impeller type	Impeller diameter	Motor manufacture	Motor power	Installation category	Efficiency category	Vaiable speed drive	Specific ratio	Overall efficiency $\eta_{e(s)}$			Efficiency grade N			Power input P_{ed}	Air Flow q_v	Pressure increase p_{fs}	Speed n
			mm		kW					Actual	Req 2013	Req 2015	Actual	Req 2013	Req 2015	kW	m^3/s	Pa	min^{-1}
GOLD RX/SILVER C RX Top Version E	04	Aluminium	288	Domel	0,41	A	Static	Yes	1,01	64,8	44,1	48,1	78,7	58	62	0,476	0,519	536	2700
	05	Aluminium	288	Domel	0,8	A	Static	Yes	1,01	65,5	47,1	51,1	76,4	58	62	0,909	0,649	840	3380
	07	Aluminium	288	Domel	0,8	A	Static	Yes	1,01	63,8	47,1	51,1	74,7	58	62	0,920	0,649	829	3380
	08	Aluminium	348	Domel	1,15	A	Static	Yes	1,01	65,4	48,6	52,6	74,8	58	62	1,27	0,923	835	2780
	11	Aluminium	348	Domel	1,15	A	Static	Yes	1,01	65,4	48,6	52,6	74,8	58	62	1,27	0,923	835	2780
	12	Aluminium	422	Domel	1,6	A	Static	Yes	1,01	66,8	49,8	53,8	75,0	58	62	1,66	1,26	821	2250
GOLD/ SILVER C Version E RX PX CX SD	04	Aluminium	288	Domel	0,41	A	Static	Yes	1,01	64,8	44,1	48,1	78,7	58	62	0,476	0,519	536	2700
	05 (Eff.var 1)	Aluminium	288	Domel	0,8	A	Static	Yes	1,01	65,5	47,1	51,1	76,4	58	62	0,909	0,649	840	3380
	05 (Eff.var 2)	Aluminium	288	Domel	1,15	A	Static	Yes	1,01	63,5	48,1	52,1	73,4	58	62	1,150	0,734	924	3700
	07 (Eff.var 1)	Aluminium	288	Domel	0,8	A	Static	Yes	1,01	65,5	47,1	51,1	76,4	58	62	0,909	0,649	840	3380
	07 (Eff.var 2)	Aluminium	288	Domel	1,15	A	Static	Yes	1,01	63,5	48,1	52,1	73,4	58	62	1,15	0,734	924	3700
	08 (Eff.var 1)	Aluminium	348	Domel	1,15	A	Static	Yes	1,01	65,4	48,6	52,6	74,8	58	62	1,27	0,923	835	2780
	08 (Eff.var 2)	Aluminium	348	Domel	1,6	A	Static	Yes	1,01	67,4	49,7	53,7	75,7	58	62	1,62	1,00	1009	3050
	11 (Eff.var 1)	Aluminium	348	Domel	1,15	A	Static	Yes	1,01	65,4	48,6	52,6	74,8	58	62	1,27	0,923	835	2780
	11 (Eff.var 2)	Aluminium	348	Domel	1,6	A	Static	Yes	1,01	67,4	49,7	53,7	75,7	58	62	1,62	1,00	1009	3050
	12 (Eff.var 1)	Aluminium	422	Domel	1,6	A	Static	Yes	1,01	66,8	49,8	53,8	75,0	58	62	1,66	1,26	821	2250
	12 (Eff.var 2)	Aluminium	422	Domel	2,4	A	Static	Yes	1,01	66,0	51,3	55,3	72,7	58	62	2,30	1,48	965	2500
	14 (Eff.var 1)	Aluminium	422	Domel	1,6	A	Static	Yes	1,01	66,8	49,8	53,8	75,0	58	62	1,66	1,26	821	2250
	14 (Eff.var 2)	Aluminium	422	Domel	2,4	A	Static	Yes	1,01	66,0	51,3	55,3	72,7	58	62	2,30	1,48	965	2500
	20 (Eff.var 1)	Aluminium	510	Domel	2,4	A	Static	Yes	1,01	66,7	51,9	55,9	72,8	58	62	2,62	2,18	759	1890
	20 (Eff.var 2)	Aluminium	510	Domel	3,4	A	Static	Yes	1,01	65,7	53,1	57,1	70,5	58	62	3,44	2,44	890	2100
	25 (Eff.var 1)	Aluminium	510	Domel	2,4	A	Static	Yes	1,01	66,7	51,9	55,9	72,8	58	62	2,62	2,18	759	1890
	25 (Eff.var 2)	Aluminium	510	Domel	3,4	A	Static	Yes	1,01	65,7	53,1	57,1	70,5	58	62	3,44	2,44	890	2100
	50 (Eff.var 1)	Aluminium	510	Domel	2,4	A	Static	Yes	1,01	66,7	51,9	55,9	72,8	58	62	2,62	2,18	759	1890
	50 (Eff.var 2)	Aluminium	510	Domel	3,4	A	Static	Yes	1,01	65,7	53,1	57,1	70,5	58	62	3,44	2,44	890	2100
	30 (Eff.var 1)	Aluminium	616	Domel	4,0	A	Static	Yes	1,01	65,2	54,5	58,5	68,8	58	62	4,62	2,93	988	1635
	35 (Eff.var 1)	Aluminium	616	Domel	4,0	A	Static	Yes	1,01	65,2	54,5	58,5	68,8	58	62	4,62	2,93	988	1635
	60 (Eff.var 1)	Aluminium	616	Domel	4,0	A	Static	Yes	1,01	65,2	54,5	58,5	68,8	58	62	4,62	2,93	988	1635
	70 (Eff.var 1)	Aluminium	616	Domel	4,0	A	Static	Yes	1,01	65,2	54,5	58,5	68,8	58	62	4,62	2,93	988	1635
	30 (Eff.var 2)	Aluminium	616	Domel	5,0	A	Static	Yes	1,01	67,2	55,0	59,0	70,2	58	62	5,19	3,26	1023	1740
	35 (Eff.var 2)	Aluminium	616	Domel	5,0	A	Static	Yes	1,01	67,2	55,0	59,0	70,2	58	62	5,19	3,26	1023	1740
	60 (Eff.var 2)	Aluminium	616	Domel	6,5	A	Static	Yes	1,01	67,4	56,2	60,2	69,2	58	62	6,77	3,56	1228	1900
	70 (Eff.var 2)	Aluminium	616	Domel	6,5	A	Static	Yes	1,01	67,4	56,2	60,2	69,2	58	62	6,77	3,56	1228	1900
	40-1	Aluminium	744	Domel	3,9	A	Static	Yes	1,01	70,5	54,0	58,0	74,5	58	62	4,200	4,240	668	1180
	40-2	Aluminium	744	Domel	6,5	A	Static	Yes	1,01	69,2	56,2	60,2	70,9	58	62	6,76	4,95	911	1380
	80 (Eff.var 1)	Aluminium	744	Domel	6,5	A	Static	Yes	1,01	69,2	56,2	60,2	70,9	58	62	6,76	4,95	911	1380
	100 (Eff.var 1)	Aluminium	744	Domel	6,5	A	Static	Yes	1,01	69,2	56,2	60,2	70,9	58	62	6,76	4,95	911	1380
	120 (Eff.var 1)	Aluminium	744	Domel	6,5	A	Static	Yes	1,01	69,2	56,2	60,2	70,9	58	62	6,76	4,95	911	1380
	80 (Eff.var 2)	Aluminium	744	Domel	10	A	Static	Yes	1,01	68,5	58,0	62,0	68,5	58	62	10,70	5,18	1358	1590
	100 (Eff.var 2)	Aluminium	744	Domel	10	A	Static	Yes	1,01	68,5	58,0	62,0	68,5	58	62	10,70	5,18	1358	1590
	120 (Eff.var 2)	Aluminium	744	Domel	10	A	Static	Yes	1,01	68,5	58,0	62,0	68,5	58	62	10,70	5,18	1358	1590

Example



The lower limit for the airflow when the unit is operating in the airflow regulation mode.

Recommended range for the design working point.

Permissible operating range when the fan is controlled to operate at a lower speed. If pressure regulation is used, the airflow can be regulated to zero, however this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Permissible operating range in accordance with regulation 1253/2014
Working point with the highest air flow shall be found within the permissible area. In case of unbalanced air flows; mean working point, supply extract shall be used.
Working points with less air flow is allowed to be found outside the permissible range e.g. in case of variable air flow.

Max. limit, Ecodesign 2016.

Outer limit - largest permissible air flow at maximum speed.

Remaining outer limits.

Recommended average working point.

RX

Size	Motor option	In and outlet connections	Working point		AHU type	Type of drive	Type of HRS	Part of information requirements for NRVU according to Regulation (EU) No 1253/2014												
			Colour	Remark				Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m^3/s	kW	W/(m^3/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
04	Not applic-able	Duct	Red	Min. - low	NRVU_BVU	variable speed	Other	83	0,08	0,02	257	0,3	0	29	64,8	-	-	-	21
			Red	Min. - high	NRVU_BVU	variable speed	Other	83	0,08	0,29	235	0,3	634	29	64,8	-	-	-	62
			Yellow	Average	NRVU_BVU	variable speed	Other	86	0,30	0,26	576	1,0	250	150	64,8	-	-	-	49
			Blue	Max. - high	NRVU_BVU	variable speed	Other	83	0,45	0,49	946	1,4	282	269	64,8	1	1	747	53
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Other	83	0,45	0,34	956	1,4	0	269	64,8	-	-	-	51
			Red	Min. - low	NRVU_BVU	variable speed	Other	83	0,08	0,02	248	0,3	0	28	64,8	-	-	-	20
			Red	Min. - high	NRVU_BVU	variable speed	Other	83	0,08	0,29	227	0,3	636	28	64,8	-	-	-	62
			Yellow	Average	NRVU_BVU	variable speed	Other	86	0,30	0,25	520	1,0	250	136	64,8	-	-	-	48
			Blue	Max. - high	NRVU_BVU	variable speed	Other	83	0,45	0,48	833	1,4	312	237	64,8	1	1	746	53
05	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	83	0,45	0,31	850	1,4	0	237	64,8	-	-	-	51
			Red	Min. - low	NRVU_BVU	variable speed	Other	83	0,08	0,02	257	0,3	0	29	65,5	-	-	-	21
			Red	Min. - high	NRVU_BVU	variable speed	Other	83	0,08	0,53	258	0,3	1000	29	65,5	-	-	-	67
			Yellow	Average	NRVU_BVU	variable speed	Other	83	0,42	0,45	863	1,4	300	242	65,5	-	-	-	52
			Blue	Max. - high	NRVU_BVU	variable speed	Other	79	0,61	0,93	1472	1,9	385	423	65,5	1	1	1270	58
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Other	79	0,60	0,69	1475	1,9	0	421	65,5	-	-	-	57
			Red	Min. - low	NRVU_BVU	variable speed	Other	83	0,08	0,02	248	0,3	0	28	65,5	-	-	-	20
			Red	Min. - high	NRVU_BVU	variable speed	Other	83	0,08	0,53	249	0,3	1001	28	65,5	-	-	-	67
			Yellow	Average	NRVU_BVU	variable speed	Other	83	0,42	0,43	761	1,4	300	214	65,5	-	-	-	52
			Blue	Max. - high	NRVU_BVU	variable speed	Other	79	0,64	0,92	1368	2,0	370	394	65,5	1	1	1400	58
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	79	0,64	0,72	1401	2,0	0	394	65,5	-	-	-	58
			Red	Min. - low	NRVU_BVU	variable speed	Other	83	0,08	0,02	327	0,3	0	29	63,5	-	-	-	21
			Red	Min. - high	NRVU_BVU	variable speed	Other	83	0,08	0,72	288	0,3	1200	29	63,5	-	-	-	69
			Yellow	Average	NRVU_BVU	variable speed	Other	83	0,42	0,58	922	1,4	400	242	63,5	-	-	-	54
			Blue	Max. - high	NRVU_BVU	variable speed	Other	80	0,59	1,28	1487	1,9	667	404	63,5	1	1	1280	60
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Other	80	0,59	0,67	1487	1,9	0	405	63,5	-	-	-	56
			Red	Min. - low	NRVU_BVU	variable speed	Other	83	0,08	0,02	315	0,3	0	28	63,5	-	-	-	20
			Red	Min. - high	NRVU_BVU	variable speed	Other	83	0,08	0,72	278	0,3	1201	28	63,5	-	-	-	69
			Yellow	Average	NRVU_BVU	variable speed	Other	83	0,42	0,55	815	1,4	400	214	63,5	-	-	-	53
			Blue	Max. - high	NRVU_BVU	variable speed	Other	79	0,64	1,27	1447	2,1	595	398	63,5	1	1	1490	60
07	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	79	0,63	0,73	1456	2,0	0	390	63,5	-	-	-	58
			Red	Min. - low	NRVU_BVU	variable speed	Other	67	0,10	0,02	177	0,2	0	21	65,5	-	-	-	18
			Red	Min. - high	NRVU_BVU	variable speed	Other	67	0,10	0,58	159	0,2	1011	21	65,5	-	-	-	67
			Yellow	Average	NRVU_BVU	variable speed	Other	86	0,45	0,44	478	1,0	350	137	65,5	-	-	-	53
			Blue	Max. - high	NRVU_BVU	variable speed	Other	83	0,75	0,84	1071	1,6	257	287	65,5	4	1	1440	61
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Other	83	0,75	0,66	1153	1,6	0	287	65,5	-	-	-	61
			Red	Min. - low	NRVU_BVU	variable speed	Other	67	0,10	0,02	171	0,2	0	20	65,5	-	-	-	18
			Red	Min. - high	NRVU_BVU	variable speed	Other	67	0,10	0,59	152	0,2	1012	20	65,5	-	-	-	67
			Yellow	Average	NRVU_BVU	variable speed	Other	86	0,45	0,42	416	1,0	350	119	65,5	-	-	-	52
			Blue	Max. - high	NRVU_BVU	variable speed	Other	83	0,75	0,83	891	1,6	297	237	65,5	4	1	1440	61
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	83	0,75	0,60	976	1,6	0	237	65,5	-	-	-	61
			Red	Min. - low	NRVU_BVU	variable speed	Other	67	0,10	0,02	221	0,2	0	21	63,5	-	-	-	18
			Red	Min. - high	NRVU_BVU	variable speed	Other	67	0,10	0,79	176	0,2	1211	21	63,5	-	-	-	69
			Yellow	Average	NRVU_BVU	variable speed	Other	86	0,45	0,56	506	1,0	450	137	63,5	-	-	-	54
			Blue	Max. - high	NRVU_BVU	variable speed	Other	83	0,75	1,20	1069	1,6	494	287	63,5	4	1	1430	62
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Other	83	0,75	0,72	1267	1,6	0	287	63,5	-	-	-	61
			Red	Min. - low	NRVU_BVU	variable speed	Other	67	0,10	0,02	213	0,2	0	20	63,5	-	-	-	18
			Red	Min. - high	NRVU_BVU	variable speed	Other	67	0,10	0,79	169	0,2	1212	20	63,5	-	-	-	69
			Yellow	Average	NRVU_BVU	variable speed	Other	86	0,45	0,54	440	1,0	450	119	63,5	-	-	-	54
			Blue	Max. - high	NRVU_BVU	variable speed	Other	83	0,75	1,20	887	1,6	537	237	63,5	4	1	1440	62
08	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	83	0,75	0,67	1114	1,6	0	237	63,5	-	-	-	61
			Red	Min. - low	NRVU_BVU	variable speed	Other	85	0,20	0,04	258	0,4	0	47	65,4	-	-	-	30
			Red	Min. - high	NRVU_BVU	variable speed	Other	85	0,20	0,85	300	0,4	985	47	65,4	-	-	-	69
			Yellow	Average	NRVU_BVU	variable speed	Other	83	0,70	0,75	887	1,5	300	259	65,4	-	-	-	55
			Blue	Max. - high	NRVU_BVU	variable speed	Other	80	0,95	1,34	1442	2,1	323	416	65,4	1	1	2120	60
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	80	0,94	1,03	1449	2,0	0	410	65,4	-	-	-	59
			Red	Min. - low	NRVU_BVU	variable speed	Other	85	0,20	0,04	242	0,4	0	44	65,4	-	-	-	29
			Red	Min. - high	NRVU_BVU	variable speed	Other	85	0,20	0,85	278	0,4	989	44	65,4	-	-	-	69
			Yellow	Average	NRVU_BVU	variable speed	Other	83	0,70	0,70	742	1,5	300	215	65,4	-	-	-	55
			Blue	Max. - high	NRVU_BVU	variable speed	Other	79	0,99	1,32	1237	2,1	339	354	65,4	1	1	2290	61
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Other	79	0,99	1,03	1306	2,1	0	357	65,4	-	-	-	60
			Red	Min. - low	NRVU_BVU	variable speed	Other	85	0,20	0,04	261	0,4	0	47	67,4	-	-	-	30
			Red	Min. - high	NRVU_BVU	variable speed	Other	85	0,20	1,11	319	0,4	1193	47	67,4	-	-	-	71
			Yellow	Average	NRVU_BVU	variable speed	Other	83	0,70	0,87	873	1,5	400	259	67,4	-	-	-	56
			Blue	Max. - high	NRVU_BVU	variable speed	Other	80	0,97	1,74	1438	2,1	547	427	67,4	1	1	2120	62
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	80	0,96	1,04	1439	2,1	0	420	67,4	-	-	-	60
			Red	Min. - low	NRVU_BVU	variable speed	Other	85	0,20	0,04	244	0,4	0	44	67,4	-	-	-	29
			Red	Min. - high	NRVU_BVU	variable speed	Other	85	0,20	1,11	296	0,4	1196	44	67,4	-	-	-	71
			Yellow	Average	NRVU_BVU	variable speed	Other	83	0,70	0,81	725	1,5	400	215	67,4	-	-	-	56
			Blue	Max. - high	NRVU_BVU	variable speed	Other	79	1,00	1,72	1210	2,2	575	360	67,4	1	1	2250	62
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Other	79	1,00	1,01	1278	2,2	0	360	67,4	-	-	-	60

			Working point		Part of information requirements for NRVU according to Regulation (EU) No 1253/2014														
Size	Motor option	In and outlet connections	Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
11	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,20	0,03	197	0,3	0	33	65,4	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,20	0,89	206	0,3	1001	33	65,4	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Other	86	0,72	0,73	573	1,1	350	167	65,4	-	-	-	55
			Blue	Max. - high	NRVU, BVU	variable speed	Other	83	1,09	1,24	1127	1,6	247	305	65,4	1	1	2550	62
			Red	Max. - low	NRVU, BVU	variable speed	Other	83	1,09	1,01	1229	1,6	0	306	65,4	-	-	-	62
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,20	0,03	188	0,3	0	31	65,4	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,20	0,89	194	0,3	1001	31	65,4	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Other	86	0,72	0,70	493	1,1	350	143	65,4	-	-	-	55
			Blue	Max. - high	NRVU, BVU	variable speed	Other	83	1,10	1,23	954	1,6	277	254	65,4	3	1	2630	62
			Red	Max. - low	NRVU, BVU	variable speed	Other	83	1,10	0,94	1080	1,6	0	254	65,4	-	-	-	62
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,20	0,03	197	0,3	0	33	67,4	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,20	1,16	218	0,3	1208	33	67,4	-	-	-	71
			Yellow	Average	NRVU, BVU	variable speed	Other	86	0,75	0,90	590	1,1	450	177	67,4	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	83	1,10	1,64	1063	1,6	477	310	67,4	3	1	2410	63
			Red	Max. - low	NRVU, BVU	variable speed	Other	83	1,10	0,98	1197	1,6	0	310	67,4	-	-	-	62
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,20	0,03	187	0,3	0	31	67,4	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,20	1,16	207	0,3	1209	31	67,4	-	-	-	71
			Yellow	Average	NRVU, BVU	variable speed	Other	86	0,75	0,86	505	1,1	450	151	67,4	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	83	1,10	1,64	875	1,6	526	254	67,4	3	1	2420	63
			Red	Max. - low	NRVU, BVU	variable speed	Other	83	1,10	0,91	1040	1,6	0	254	67,4	-	-	-	62
12	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,20	0,03	190	0,3	0	33	66,8	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,20	1,02	250	0,3	956	33	66,8	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	83	1,00	1,03	865	1,5	300	268	66,8	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	1,35	1,73	1351	2,0	307	423	66,8	1	1	3280	61
			Red	Max. - low	NRVU, BVU	variable speed	Other	80	1,36	1,38	1362	2,0	0	427	66,8	-	-	-	61
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,20	0,03	180	0,3	0	31	66,8	-	-	-	25
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,20	1,01	237	0,3	957	31	66,8	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	83	1,00	0,95	715	1,5	300	222	66,8	-	-	-	56
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	1,40	1,69	1144	2,1	330	359	66,8	3	1	3490	62
			Red	Max. - low	NRVU, BVU	variable speed	Other	80	1,40	1,29	1168	2,1	0	359	66,8	-	-	-	61
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,20	0,04	205	0,3	0	33	66,0	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,20	1,38	270	0,3	1185	33	66,0	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	83	1,00	1,23	880	1,5	400	268	66,0	-	-	-	58
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	1,36	2,41	1387	2,0	567	427	66,0	1	1	3380	63
			Red	Max. - low	NRVU, BVU	variable speed	Other	80	1,37	1,41	1385	2,0	0	434	66,0	-	-	-	61
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,20	0,03	194	0,3	0	31	66,0	-	-	-	25
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,20	1,38	256	0,3	1186	31	66,0	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	83	1,00	1,14	726	1,5	400	222	66,0	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	1,40	2,39	1158	2,1	605	359	66,0	1	1	3540	63
			Red	Max. - low	NRVU, BVU	variable speed	Other	80	1,40	1,29	1169	2,1	0	359	66,0	-	-	-	61
14	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	68	0,21	0,02	123	0,3	0	21	66,8	-	-	-	22
			Red	Min. - high	NRVU, BVU	variable speed	Other	68	0,21	1,07	151	0,3	970	21	66,8	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	85	1,10	1,00	504	1,4	350	159	66,8	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Other	82	1,60	1,55	904	2,0	249	269	66,8	1	1	3000	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	82	1,60	1,24	994	2,0	0	269	66,8	-	-	-	65
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	68	0,21	0,02	122	0,3	0	21	66,8	-	-	-	22
			Red	Min. - high	NRVU, BVU	variable speed	Other	68	0,21	1,07	150	0,3	971	21	66,8	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	85	1,10	0,99	486	1,4	350	154	66,8	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Other	82	1,60	1,54	872	2,0	252	258	66,8	1	1	3040	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	82	1,60	1,23	968	2,0	0	258	66,8	-	-	-	65
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	68	0,21	0,03	131	0,3	0	21	66,0	-	-	-	22
			Red	Min. - high	NRVU, BVU	variable speed	Other	68	0,21	1,45	163	0,3	1199	21	66,0	-	-	-	74
			Yellow	Average	NRVU, BVU	variable speed	Other	85	1,10	1,22	511	1,4	450	159	66,0	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Other	82	1,65	2,20	916	2,1	466	282	66,0	4	1	3080	66
			Red	Max. - low	NRVU, BVU	variable speed	Other	82	1,65	1,34	1041	2,1	0	282	66,0	-	-	-	66
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	68	0,21	0,03	130	0,3	0	21	66,0	-	-	-	22
			Red	Min. - high	NRVU, BVU	variable speed	Other	68	0,21	1,45	162	0,3	1200	21	66,0	-	-	-	74
			Yellow	Average	NRVU, BVU	variable speed	Other	85	1,10	1,20	492	1,4	450	154	66,0	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Other	82	1,65	2,20	874	2,1	477	269	66,0	4	1	3080	66
			Red	Max. - low	NRVU, BVU	variable speed	Other	82	1,65	1,31	1006	2,1	0	269	66,0	-	-	-	66

Size	Motor option	In and outlet connections	Working point		Part of information requirements for NRVU according to Regulation (EU) No 1253/2014														
			Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
20	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,30	0,04	147	0,4	0	32	66,7	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,30	1,47	235	0,4	975	32	66,7	-	-	-	68
			Yellow	Average	NRVU, BVU	variable speed	Other	84	1,40	1,30	706	1,8	300	222	66,7	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	2,07	2,71	1270	2,6	348	395	66,7	1	1	4710	63
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	2,06	2,04	1273	2,6	0	391	66,7	-	-	-	62
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,30	0,04	145	0,4	0	32	66,7	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,30	1,47	232	0,4	975	32	66,7	-	-	-	68
			Yellow	Average	NRVU, BVU	variable speed	Other	84	1,40	1,27	675	1,8	300	213	66,7	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	2,10	2,70	1229	2,6	347	382	66,7	1	1	4840	63
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	2,10	2,07	1253	2,6	0	382	66,7	-	-	-	62
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,30	0,05	191	0,4	0	32	65,7	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,30	1,98	253	0,4	1207	32	65,7	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	84	1,40	1,59	724	1,8	400	222	65,7	-	-	-	58
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	2,08	3,75	1270	2,6	636	396	65,7	1	1	4720	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	2,05	2,02	1272	2,6	0	390	65,7	-	-	-	62
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,30	0,05	189	0,4	0	32	65,7	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,30	1,98	250	0,4	1208	32	65,7	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	84	1,40	1,56	692	1,8	400	213	65,7	-	-	-	58
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	2,10	3,74	1223	2,6	637	382	65,7	1	1	4820	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	2,10	2,07	1256	2,6	0	382	65,7	-	-	-	62
25	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	71	0,30	0,03	99	0,3	0	23	66,7	-	-	-	22
			Red	Min. - high	NRVU, BVU	variable speed	Other	71	0,30	1,51	165	0,3	985	23	66,7	-	-	-	68
			Yellow	Average	NRVU, BVU	variable speed	Other	84	1,70	1,64	616	1,7	350	195	66,7	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	2,35	2,54	1027	2,3	277	308	66,7	1	1	5040	64
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	2,35	2,02	1101	2,3	0	309	66,7	-	-	-	64
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	71	0,30	0,03	98	0,3	0	23	66,7	-	-	-	22
			Red	Min. - high	NRVU, BVU	variable speed	Other	71	0,30	1,51	164	0,3	985	23	66,7	-	-	-	68
			Yellow	Average	NRVU, BVU	variable speed	Other	84	1,70	1,62	591	1,7	350	187	66,7	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	2,36	2,53	989	2,3	279	295	66,7	1	1	5120	64
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	2,37	2,00	1069	2,3	0	296	66,7	-	-	-	64
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	71	0,30	0,04	131	0,3	0	23	65,7	-	-	-	22
			Red	Min. - high	NRVU, BVU	variable speed	Other	71	0,30	2,03	177	0,3	1217	23	65,7	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	84	1,70	1,96	621	1,7	450	195	65,7	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	2,50	3,50	1101	2,4	445	338	65,7	3	1	5560	66
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	2,50	2,34	1214	2,4	0	338	65,7	-	-	-	65
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	71	0,30	0,04	130	0,3	0	23	65,7	-	-	-	22
			Red	Min. - high	NRVU, BVU	variable speed	Other	71	0,30	2,03	176	0,3	1217	23	65,7	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	84	1,70	1,93	596	1,7	450	187	65,7	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	2,50	3,49	1047	2,4	460	321	65,7	3	1	5560	66
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	2,50	2,29	1167	2,4	0	321	65,7	-	-	-	65
30	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	85	0,50	0,08	168	0,5	0	41	65,2	-	-	-	32
			Red	Min. - high	NRVU, BVU	variable speed	Other	85	0,50	2,49	288	0,5	1076	41	65,2	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	82	2,20	2,28	901	2,2	300	281	65,2	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	2,73	4,67	1276	2,7	562	385	65,2	1	1	6710	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	2,76	2,74	1269	2,7	0	392	65,2	-	-	-	62
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	85	0,50	0,08	165	0,5	0	41	65,2	-	-	-	32
			Red	Min. - high	NRVU, BVU	variable speed	Other	85	0,50	2,49	284	0,5	1077	41	65,2	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	82	2,20	2,23	858	2,2	300	267	65,2	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	2,82	4,66	1261	2,8	535	383	65,2	1	1	7090	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	2,84	2,84	1261	2,8	0	387	65,2	-	-	-	63
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	85	0,50	0,08	174	0,5	0	41	67,2	-	-	-	32
			Red	Min. - high	NRVU, BVU	variable speed	Other	85	0,50	3,00	304	0,5	1223	41	67,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	82	2,20	2,72	920	2,2	400	281	67,2	-	-	-	61
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	2,67	5,73	1281	2,6	769	373	67,2	1	1	6690	66
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	2,76	2,74	1269	2,7	0	392	67,2	-	-	-	62
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	85	0,50	0,08	171	0,5	0	41	67,2	-	-	-	32
			Red	Min. - high	NRVU, BVU	variable speed	Other	85	0,50	2,99	299	0,5	1223	41	67,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	82	2,20	2,66	875	2,2	400	267	67,2	-	-	-	61
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	2,77	5,73	1271	2,7	740	374	67,2	1	1	7100	66
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	2,84	2,83	1262	2,8	0	387	67,2	-	-	-	63
35	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	77	0,50	0,04	88	0,3	0	24	65,2	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Other	77	0,50	2,61	159	0,3	1099	24	65,2	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	85	2,50	2,33	549	1,5	350	172	65,2	-	-	-	61
			Blue	Max. - high	NRVU, BVU	variable speed	Other	82	3,68	4,14	1058	2,2	276	299	65,2	1	1	7500	67
			Red	Max. - low	NRVU, BVU	variable speed	Other	82	3,68	3,40	1204	2,2	0	299	65,2	-	-	-	67
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	77	0,50	0,04	86	0,3	0	23	65,2	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Other	77	0,50	2,61	156	0,3	1099	23	65,2	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	85	2,50	2,29	515	1,5	350	162	65,2	-	-	-	61
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	3,71	4,11	997	2,2	281	278	65,2	1	1	7680	67
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	3,71	3,36	1154	2,2	0	278	65,2	-	-	-	67
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	77	0,50	0,04	90	0,3	0	24	67,2	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Other	77	0,50	3,16	168	0,3	1246	24	67,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	85	2,50	2,79	552	1,5	450	172	67,2	-	-	-	62
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	3,90	5,00	1162	2,3	332	326	67,2	1	1	8400	68
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	3,86	3,87	1318	2,3	0	320	67,2	-	-	-	68
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	77	0,50	0,04	88	0,3	0	23	67,2	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Other	77	0,50	3,16	165	0,3	1246	23	67,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	85	2,50	2,75	518	1,5	450	162	67,2	-	-	-	62
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	3,90	5,00	1073	2,3	354	300	67,2	3	1	8430	68
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	3,90	3,88	1275	2,3	0	300	67,2	-	-	-	68

Size	Motor option	In and outlet connections	Working point		Part of information requirements for NRVU according to Regulation (EU) No 1253/2014														
			Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
40	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	84	0,75	0,09	135	0,4	0	38	70,5	-	-	-	33
			Red	Min. - high	NRVU, BVU	variable speed	Other	84	0,75	2,53	238	0,4	810	38	70,5	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Other	85	2,70	2,10	606	1,6	250	191	70,5	-	-	-	58
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	3,90	4,35	1043	2,3	308	326	70,5	1	1	7600	64
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	3,90	3,17	1041	2,3	0	326	70,5	-	-	-	63
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	84	0,75	0,09	131	0,4	0	37	70,5	-	-	-	32
			Red	Min. - high	NRVU, BVU	variable speed	Other	84	0,75	2,52	232	0,4	810	37	70,5	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Other	85	2,70	2,04	565	1,6	250	179	70,5	-	-	-	58
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	3,90	4,35	960	2,3	333	300	70,5	1	1	7600	64
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	3,90	3,01	962	2,3	0	300	70,5	-	-	-	63
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	84	0,75	0,09	135	0,4	0	38	69,2	-	-	-	33
			Red	Min. - high	NRVU, BVU	variable speed	Other	84	0,75	3,93	265	0,4	1117	38	69,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	83	3,30	3,54	817	1,9	350	255	69,2	-	-	-	62
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	4,37	7,18	1275	2,6	528	386	69,2	1	1	9730	67
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	4,40	4,34	1272	2,6	0	390	69,2	-	-	-	65
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	84	0,75	0,09	131	0,4	0	37	69,2	-	-	-	32
			Red	Min. - high	NRVU, BVU	variable speed	Other	84	0,75	3,93	258	0,4	1118	37	69,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	83	3,30	3,43	756	1,9	350	237	69,2	-	-	-	62
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	4,60	7,07	1258	2,7	475	382	69,2	1	1	10700	67
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	4,59	4,58	1256	2,7	0	380	69,2	-	-	-	66
50	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	71	0,60	0,05	92	0,2	0	22	66,7	-	-	-	25
			Red	Min. - high	NRVU, BVU	variable speed	Other	71	0,60	3,00	157	0,2	987	22	66,7	-	-	-	71
			Yellow	Average	NRVU, BVU	variable speed	Other	85	3,10	2,77	499	1,2	350	159	66,7	-	-	-	61
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	4,79	4,99	988	1,8	267	292	66,7	1	1	9080	67
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	4,79	3,99	1068	1,8	0	292	66,7	-	-	-	67
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	71	0,60	0,05	91	0,2	0	22	66,7	-	-	-	24
			Red	Min. - high	NRVU, BVU	variable speed	Other	71	0,60	3,00	155	0,2	988	22	66,7	-	-	-	71
			Yellow	Average	NRVU, BVU	variable speed	Other	85	3,10	2,73	476	1,2	350	151	66,7	-	-	-	61
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	4,82	4,97	942	1,8	269	277	66,7	1	1	9270	67
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	4,82	3,96	1030	1,8	0	277	66,7	-	-	-	67
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	71	0,60	0,07	122	0,2	0	22	65,7	-	-	-	25
			Red	Min. - high	NRVU, BVU	variable speed	Other	71	0,60	4,03	169	0,2	1220	22	65,7	-	-	-	73
			Yellow	Average	NRVU, BVU	variable speed	Other	85	3,30	3,64	548	1,3	450	172	65,7	-	-	-	63
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	5,00	6,99	1014	1,9	476	311	65,7	3	1	9480	69
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	5,00	4,43	1144	1,9	0	311	65,7	-	-	-	68
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	71	0,60	0,06	121	0,2	0	22	65,7	-	-	-	24
			Red	Min. - high	NRVU, BVU	variable speed	Other	71	0,60	4,03	167	0,2	1220	22	65,7	-	-	-	73
			Yellow	Average	NRVU, BVU	variable speed	Other	85	3,30	3,59	521	1,3	450	164	65,7	-	-	-	62
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	5,00	6,98	951	1,9	493	292	65,7	3	1	9490	69
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	5,00	4,30	1091	1,9	0	292	65,7	-	-	-	68
60	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	84	1,00	0,12	132	0,4	0	38	65,2	-	-	-	34
			Red	Min. - high	NRVU, BVU	variable speed	Other	84	1,00	5,00	270	0,4	1083	38	65,2	-	-	-	73
			Yellow	Average	NRVU, BVU	variable speed	Other	82	4,50	4,52	856	1,7	300	267	65,2	-	-	-	63
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	5,76	9,42	1266	2,2	529	384	65,2	1	1	12500	68
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	5,80	5,73	1264	2,2	0	388	65,2	-	-	-	66
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	84	1,00	0,12	128	0,4	0	38	65,2	-	-	-	34
			Red	Min. - high	NRVU, BVU	variable speed	Other	84	1,00	5,00	265	0,4	1083	38	65,2	-	-	-	73
			Yellow	Average	NRVU, BVU	variable speed	Other	82	4,50	4,39	805	1,7	300	251	65,2	-	-	-	63
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	6,01	9,32	1251	2,3	489	382	65,2	1	1	13500	68
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	6,01	5,99	1251	2,3	0	380	65,2	-	-	-	66
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	84	1,00	0,16	186	0,4	0	38	67,4	-	-	-	34
			Red	Min. - high	NRVU, BVU	variable speed	Other	84	1,00	7,70	301	0,4	1474	38	67,4	-	-	-	77
			Yellow	Average	NRVU, BVU	variable speed	Other	82	4,50	5,28	854	1,7	400	267	67,4	-	-	-	64
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	5,68	14,57	1274	2,1	1019	376	67,4	1	1	12500	71
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	5,78	5,68	1265	2,2	0	385	67,4	-	-	-	66
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	84	1,00	0,16	182	0,4	0	38	67,4	-	-	-	34
			Red	Min. - high	NRVU, BVU	variable speed	Other	84	1,00	7,70	295	0,4	1474	38	67,4	-	-	-	77
			Yellow	Average	NRVU, BVU	variable speed	Other	82	4,50	5,16	803	1,7	400	251	67,4	-	-	-	64
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	5,92	14,71	1258	2,2	988	373	67,4	1	1	13500	71
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	5,98	5,93	1253	2,3	0	378	67,4	-	-	-	66
70	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	83	1,00	0,07	83	0,3	0	28	65,2	-	-	-	30
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	1,00	5,14	189	0,3	1094	28	65,2	-	-	-	73
			Yellow	Average	NRVU, BVU	variable speed	Other	85	4,80	4,58	594	1,6	350	186	65,2	-	-	-	63
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	7,18	8,44	1121	2,3	301	331	65,2	1	1	15000	70
			Red	Max. - low	NRVU, BVU	variable speed	Other	80	7,18	6,69	1204	2,3	0	331	65,2	-	-	-	69
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	83	1,00	0,07	81	0,3	0	27	65,2	-	-	-	30
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	1,00	5,14	186	0,3	1094	27	65,2	-	-	-	73
			Yellow	Average	NRVU, BVU	variable speed	Other	85	4,80	4,50	564	1,6	350	177	65,2	-	-	-	63
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	7,23	8,38	1065	2,4	304	313	65,2	1	1	15300	70
			Red	Max. - low	NRVU, BVU	variable speed	Other	80	7,23	6,61	1156	2,4	0	313	65,2	-	-	-	69
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	83	1,00	0,11	128	0,3	0	28	67,4	-	-	-	30
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	1,00	7,90	210	0,3	1484	28	67,4	-	-	-	77
			Yellow	Average	NRVU, BVU	variable speed	Other	84	5,20	6,06	665	1,7	450	209	67,4	-	-	-	65
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	7,50	14,52	1203	2,4	696	353	67,4	1	1	16400	72
			Red	Max. - low	NRVU, BVU	variable speed	Other	80	7,41	7,38	1293	2,4	0	347	67,4	-	-	-	70
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	83	1,00	0,11	126	0,3	0	27	67,4	-	-	-	30
			Red	Min. - high	NRVU, BVU	variable speed	Other	83	1,00	7,89	207	0,3	1484	27	67,4	-	-	-	77
			Yellow	Average	NRVU, BVU	variable speed	Other	84	5,20	5,97	631	1,7	450	198	67,4	-	-	-	65
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	7,50	14,52	1126	2,4	717	331	67,4	1	1	16400	72
			Red	Max. - low	NRVU, BVU	variable speed	Other	80	7,50	7,41	1258	2,4	0	331	67,4	-	-	-	70

Size	Motor option	In and outlet connections	Working point		Part of information requirements for NRVU according to Regulation (EU) No 1253/2014														
			Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
80	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	85	1,50	0,19	137	0,5	0	43	69,2	-	-	-	37
			Red	Min. - high	NRVU, BVU	variable speed	Other	85	1,50	7,84	309	0,5	1118	43	69,2	-	-	-	75
			Yellow	Average	NRVU, BVU	variable speed	Other	82	6,20	6,18	851	2,0	300	267	69,2	-	-	-	64
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	7,98	14,39	1265	2,6	631	387	69,2	1	1	17800	70
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	8,04	7,92	1262	2,6	0	391	69,2	-	-	-	67
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	85	1,50	0,18	133	0,5	0	42	69,2	-	-	-	37
			Red	Min. - high	NRVU, BVU	variable speed	Other	85	1,50	7,83	303	0,5	1118	42	69,2	-	-	-	75
			Yellow	Average	NRVU, BVU	variable speed	Other	82	6,20	6,01	800	2,0	300	252	69,2	-	-	-	64
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	8,32	14,39	1251	2,7	597	385	69,2	1	1	19200	70
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	8,32	8,27	1253	2,7	0	385	69,2	-	-	-	67
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	85	1,50	0,25	186	0,5	0	43	68,5	-	-	-	37
			Red	Min. - high	NRVU, BVU	variable speed	Other	85	1,50	11,22	325	0,5	1500	43	68,5	-	-	-	78
			Yellow	Average	NRVU, BVU	variable speed	Other	82	6,50	7,94	927	2,1	400	286	68,5	-	-	-	66
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	7,94	20,79	1269	2,6	1078	384	68,5	1	1	17800	73
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	7,93	7,85	1269	2,6	0	384	68,5	-	-	-	66
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	85	1,50	0,24	181	0,5	0	42	68,5	-	-	-	37
			Red	Min. - high	NRVU, BVU	variable speed	Other	85	1,50	11,21	319	0,5	1500	42	68,5	-	-	-	78
			Yellow	Average	NRVU, BVU	variable speed	Other	82	6,50	7,75	871	2,1	400	269	68,5	-	-	-	65
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	8,31	21,12	1253	2,7	1054	384	68,5	1	1	19200	73
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	8,22	8,19	1257	2,7	0	378	68,5	-	-	-	67
100	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	80	1,50	0,09	64	0,3	0	25	69,2	-	-	-	31
			Red	Min. - high	NRVU, BVU	variable speed	Other	80	1,50	8,10	175	0,3	1132	25	69,2	-	-	-	75
			Yellow	Average	NRVU, BVU	variable speed	Other	85	7,00	6,36	516	1,4	350	163	69,2	-	-	-	65
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	11,00	12,89	1074	2,3	304	308	69,2	3	1	23500	72
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	11,00	10,13	1193	2,3	0	308	69,2	-	-	-	72
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	80	1,50	0,09	63	0,3	0	25	69,2	-	-	-	31
			Red	Min. - high	NRVU, BVU	variable speed	Other	80	1,50	8,09	173	0,3	1132	25	69,2	-	-	-	75
			Yellow	Average	NRVU, BVU	variable speed	Other	85	7,00	6,27	492	1,4	350	155	69,2	-	-	-	65
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	11,00	12,88	1009	2,3	321	289	69,2	3	1	23500	72
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	11,00	9,85	1138	2,3	0	289	69,2	-	-	-	72
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	80	1,50	0,13	99	0,3	0	25	68,5	-	-	-	31
			Red	Min. - high	NRVU, BVU	variable speed	Other	80	1,50	11,61	184	0,3	1512	25	68,5	-	-	-	78
			Yellow	Average	NRVU, BVU	variable speed	Other	85	7,50	8,57	583	1,5	450	179	68,5	-	-	-	67
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	11,00	21,22	1015	2,3	768	308	68,5	3	1	22200	74
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	11,00	10,07	1185	2,3	0	308	68,5	-	-	-	72
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	80	1,50	0,13	97	0,3	0	25	68,5	-	-	-	31
			Red	Min. - high	NRVU, BVU	variable speed	Other	80	1,50	11,61	181	0,3	1512	25	68,5	-	-	-	78
			Yellow	Average	NRVU, BVU	variable speed	Other	85	7,50	8,46	554	1,5	450	170	68,5	-	-	-	67
			Blue	Max. - high	NRVU, BVU	variable speed	Other	81	11,00	21,21	953	2,3	785	289	68,5	3	1	22200	74
			Red	Max. - low	NRVU, BVU	variable speed	Other	81	11,00	9,78	1130	2,3	0	289	68,5	-	-	-	72
120	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	85	2,50	0,34	154	0,5	0	45	69,2	-	-	-	41
			Red	Min. - high	NRVU, BVU	variable speed	Other	85	2,50	11,80	304	0,5	1078	45	69,2	-	-	-	77
			Yellow	Average	NRVU, BVU	variable speed	Other	82	10,00	10,42	891	2,0	300	268	69,2	-	-	-	67
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	12,53	21,43	1276	2,6	547	373	69,2	1	1	29600	72
			Red	Max. - low	NRVU, BVU	variable speed	Other	80	12,54	12,46	1274	2,6	0	373	69,2	-	-	-	69
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	85	2,50	0,34	150	0,5	0	44	69,2	-	-	-	40
			Red	Min. - high	NRVU, BVU	variable speed	Other	85	2,50	11,81	298	0,5	1080	44	69,2	-	-	-	77
			Yellow	Average	NRVU, BVU	variable speed	Other	82	10,00	10,14	838	2,0	300	253	69,2	-	-	-	66
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	13,06	21,27	1262	2,7	509	370	69,2	1	1	32000	72
			Red	Max. - low	NRVU, BVU	variable speed	Other	79	12,97	12,99	1264	2,7	0	366	69,2	-	-	-	70
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	85	2,50	0,43	195	0,5	0	45	68,5	-	-	-	41
			Red	Min. - high	NRVU, BVU	variable speed	Other	85	2,50	17,17	329	0,5	1443	45	68,5	-	-	-	80
			Yellow	Average	NRVU, BVU	variable speed	Other	82	10,00	12,54	915	2,0	400	268	68,5	-	-	-	68
			Blue	Max. - high	NRVU, BVU	variable speed	Other	80	12,52	31,69	1276	2,6	991	373	68,5	1	1	29600	75
			Red	Max. - low	NRVU, BVU	variable speed	Other	80	12,14	12,10	1288	2,5	0	356	68,5	-	-	-	69
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	85	2,50	0,43	190	0,5	0	44	68,5	-	-	-	40
			Red	Min. - high	NRVU, BVU	variable speed	Other	85	2,50	17,17	322	0,5	1444	44	68,5	-	-	-	80
			Yellow	Average	NRVU, BVU	variable speed	Other	82	10,00	12,27	862	2,0	400	253	68,5	-	-	-	68
			Blue	Max. - high	NRVU, BVU	variable speed	Other	79	13,07	32,09	1263	2,7	961	371	68,5	1	1	31900	75
			Red	Max. - low	NRVU, BVU	variable speed	Other	80	12,52	12,61	1278	2,6	0	348	68,5	-	-	-	69

RX Top

	Working point					Part of information requirements for NRVU according to Regulation (EU) No 1253/2014													
Inspection side	Size	Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
							%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
Right	04	Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,08	0,02	307	0,3	0	28	64,8	-	-	-	16
		Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,08	0,33	259	0,3	640	28	64,8	-	-	-	59
		Yellow	Average	NRVU, BVU	variable speed	Other	86	0,30	0,30	685	1,2	250	161	64,8	-	-	-	46
		Blue	Max. - high	NRVU, BVU	variable speed	Other	83	0,45	0,54	1152	1,7	254	297	64,8	1	1	1200	51
	05	Red	Max. - low	NRVU, BVU	variable speed	Other	83	0,45	0,41	1172	1,7	0	297	64,8	-	-	-	50
		Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,08	0,02	307	0,3	0	28	65,5	-	-	-	16
		Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,08	0,56	271	0,3	1010	28	65,5	-	-	-	64
		Yellow	Average	NRVU, BVU	variable speed	Other	84	0,37	0,45	899	1,4	300	219	65,5	-	-	-	49
		Blue	Max. - high	NRVU, BVU	variable speed	Other	80	0,55	1,01	1517	2,1	484	405	65,5	1	1	1740	56
	07	Red	Max. - low	NRVU, BVU	variable speed	Other	80	0,54	0,62	1521	2,1	0	399	65,5	-	-	-	54
		Red	Min. - low	NRVU, BVU	variable speed	Other	67	0,10	0,01	166	0,2	0	21	63,8	-	-	-	17
		Red	Min. - high	NRVU, BVU	variable speed	Other	67	0,10	0,57	161	0,2	979	21	63,8	-	-	-	64
		Yellow	Average	NRVU, BVU	variable speed	Other	86	0,44	0,44	512	1,1	350	148	63,8	-	-	-	51
		Blue	Max. - high	NRVU, BVU	variable speed	Other	83	0,73	0,86	1146	1,7	271	320	63,8	1	1	2340	60
	08	Red	Max. - low	NRVU, BVU	variable speed	Other	83	0,73	0,68	1229	1,7	0	322	63,8	-	-	-	59
		Red	Min. - low	NRVU, BVU	variable speed	Other	85	0,20	0,05	257	0,5	0	49	65,4	-	-	-	31
		Red	Min. - high	NRVU, BVU	variable speed	Other	85	0,20	0,84	305	0,5	982	49	65,4	-	-	-	67
		Yellow	Average	NRVU, BVU	variable speed	Other	84	0,66	0,78	919	1,6	350	275	65,4	-	-	-	57
		Blue	Max. - high	NRVU, BVU	variable speed	Other	81	0,89	1,36	1478	2,1	396	445	65,4	1	1	3420	61
	11	Red	Max. - low	NRVU, BVU	variable speed	Other	81	0,89	0,99	1473	2,1	0	449	65,4	-	-	-	60
		Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,20	0,04	225	0,3	0	34	65,4	-	-	-	28
		Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,20	0,87	215	0,3	958	34	65,4	-	-	-	67
		Yellow	Average	NRVU, BVU	variable speed	Other	86	0,70	0,74	646	1,0	350	193	65,4	-	-	-	57
		Blue	Max. - high	NRVU, BVU	variable speed	Other	83	1,04	1,24	1261	1,5	253	366	65,4	1	1	4130	63
	12	Red	Max. - low	NRVU, BVU	variable speed	Other	83	1,05	1,02	1364	1,6	0	368	65,4	-	-	-	62
		Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,20	0,03	177	0,3	0	34	66,8	-	-	-	27
		Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,20	0,98	248	0,3	951	34	66,8	-	-	-	68
		Yellow	Average	NRVU, BVU	variable speed	Other	84	0,90	0,96	921	1,3	300	287	66,8	-	-	-	58
		Blue	Max. - high	NRVU, BVU	variable speed	Other	82	1,19	1,78	1459	1,8	394	454	66,8	1	1	5240	62
Left	04	Red	Max. - low	NRVU, BVU	variable speed	Other	81	1,21	1,25	1452	1,8	0	465	66,8	-	-	-	60
		Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,08	0,02	308	0,3	0	28	64,8	-	-	-	19
		Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,08	0,33	259	0,3	639	28	64,8	-	-	-	59
		Yellow	Average	NRVU, BVU	variable speed	Other	86	0,30	0,30	684	1,2	250	161	64,8	-	-	-	46
		Blue	Max. - high	NRVU, BVU	variable speed	Other	83	0,45	0,54	1149	1,7	251	297	64,8	4	1	1220	52
	05	Red	Max. - low	NRVU, BVU	variable speed	Other	83	0,45	0,39	1174	1,7	0	297	64,8	-	-	-	51
		Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,08	0,02	308	0,3	0	28	65,5	-	-	-	19
		Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,08	0,57	271	0,3	1010	28	65,5	-	-	-	64
		Yellow	Average	NRVU, BVU	variable speed	Other	84	0,37	0,45	896	1,4	300	219	65,5	-	-	-	50
		Blue	Max. - high	NRVU, BVU	variable speed	Other	80	0,55	1,01	1516	2,1	479	407	65,5	1	1	1740	57
	07	Red	Max. - low	NRVU, BVU	variable speed	Other	80	0,54	0,60	1520	2,1	0	400	65,5	-	-	-	55
		Red	Min. - low	NRVU, BVU	variable speed	Other	67	0,10	0,01	167	0,2	0	21	63,8	-	-	-	18
		Red	Min. - high	NRVU, BVU	variable speed	Other	67	0,10	0,58	162	0,2	982	21	63,8	-	-	-	64
		Yellow	Average	NRVU, BVU	variable speed	Other	86	0,44	0,45	513	1,1	350	148	63,8	-	-	-	52
		Blue	Max. - high	NRVU, BVU	variable speed	Other	83	0,75	0,83	1237	1,8	206	338	63,8	4	1	2580	61
	08	Red	Max. - low	NRVU, BVU	variable speed	Other	83	0,75	0,69	1323	1,8	0	338	63,8	-	-	-	61
		Red	Min. - low	NRVU, BVU	variable speed	Other	85	0,20	0,04	259	0,5	0	49	65,4	-	-	-	33
		Red	Min. - high	NRVU, BVU	variable speed	Other	85	0,20	0,84	304	0,5	982	49	65,4	-	-	-	68
		Yellow	Average	NRVU, BVU	variable speed	Other	84	0,66	0,79	917	1,6	350	275	65,4	-	-	-	57
		Blue	Max. - high	NRVU, BVU	variable speed	Other	81	0,89	1,36	1478	2,1	390	446	65,4	1	1	3420	62
	11	Red	Max. - low	NRVU, BVU	variable speed	Other	81	0,89	0,89	1478	2,1	0	446	65,4	-	-	-	60
		Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,20	0,04	226	0,3	0	34	65,4	-	-	-	29
		Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,20	0,87	216	0,3	956	34	65,4	-	-	-	68
		Yellow	Average	NRVU, BVU	variable speed	Other	86	0,70	0,74	646	1,0	350	193	65,4	-	-	-	58
		Blue	Max. - high	NRVU, BVU	variable speed	Other	83	1,06	1,23	1325	1,6	215	377	65,4	1	1	4390	63
	12	Red	Max. - low	NRVU, BVU	variable speed	Other	83	1,07	1,04	1414	1,6	0	379	65,4	-	-	-	63
		Red	Min. - low	NRVU, BVU	variable speed	Other	83	0,20	0,03	190	0,3	0	34	66,8	-	-	-	29
		Red	Min. - high	NRVU, BVU	variable speed	Other	83	0,20	0,97	247	0,3	953	34	66,8	-	-	-	69
		Yellow	Average	NRVU, BVU	variable speed	Other	84	0,90	0,96	920	1,3	300	287	66,8	-	-	-	58
		Blue	Max. - high	NRVU, BVU	variable speed	Other	82	1,19	1,78	1459	1,8	392	455	66,8	1	1	5230	63
		Red	Max. - low	NRVU, BVU	variable speed	Other	81	1,21	1,19	1453	1,8	0	465	66,8	-	-	-	61

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Size	Motor option	In and outlet connections	Working point		Part of information requirements for NRVU according to Regulation (EU) No 1253/2014															
			Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
04	Not applic-able	Duct	Red	Min. - low	NRVU_BVU	variable speed	Other	78	0,08	0,01	293	0,3	0	32	64,8	-	-	-	16
			Red	Min. - high	NRVU_BVU	variable speed	Other	78	0,08	0,27	317	0,3	628	32	64,8	-	-	-	62
			Yellow	Average	NRVU_BVU	variable speed	Other	74	0,30	0,26	633	1,0	250	161	64,8	-	-	-	49
			Blue	Max. - high	NRVU_BVU	variable speed	Other	70	0,45	0,49	1038	1,4	280	293	64,8	1	1	750	53
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Other	70	0,45	0,26	1055	1,4	0	293	64,8	-	-	-	50
			Red	Min. - low	NRVU_BVU	variable speed	Other	78	0,08	0,01	284	0,3	0	31	64,8	-	-	-	15
			Red	Min. - high	NRVU_BVU	variable speed	Other	78	0,08	0,27	307	0,3	629	31	64,8	-	-	-	62
			Yellow	Average	NRVU_BVU	variable speed	Other	74	0,30	0,25	576	1,1	250	147	64,8	-	-	-	49
			Blue	Max. - high	NRVU_BVU	variable speed	Other	70	0,45	0,49	925	1,4	312	261	64,8	1	1	750	53
05	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	70	0,45	0,24	954	1,4	0	261	64,8	-	-	-	49
			Red	Min. - low	NRVU_BVU	variable speed	Other	78	0,08	0,01	293	0,3	0	32	65,5	-	-	-	16
			Red	Min. - high	NRVU_BVU	variable speed	Other	78	0,08	0,47	362	0,3	989	32	65,5	-	-	-	67
			Yellow	Average	NRVU_BVU	variable speed	Other	72	0,35	0,35	760	1,1	300	201	65,5	-	-	-	51
			Blue	Max. - high	NRVU_BVU	variable speed	Other	70	0,48	0,93	1224	1,5	682	326	65,5	1	1	895	58
			Red	Max. - low	NRVU_BVU	variable speed	Other	70	0,50	0,33	1225	1,6	0	345	65,5	-	-	-	52
			Red	Min. - low	NRVU_BVU	variable speed	Other	78	0,08	0,01	284	0,3	0	31	65,5	-	-	-	15
			Red	Min. - high	NRVU_BVU	variable speed	Other	78	0,08	0,47	350	0,3	990	31	65,5	-	-	-	67
		Full face	Yellow	Average	NRVU_BVU	variable speed	Other	72	0,35	0,34	684	1,1	300	182	65,5	-	-	-	51
			Blue	Max. - high	NRVU_BVU	variable speed	Other	71	0,53	0,94	1232	1,7	596	342	65,5	1	1	1040	58
			Red	Max. - low	NRVU_BVU	variable speed	Other	71	0,54	0,36	1232	1,7	0	343	65,5	-	-	-	53
			Red	Min. - low	NRVU_BVU	variable speed	Other	78	0,08	0,02	368	0,3	0	32	63,5	-	-	-	16
			Red	Min. - high	NRVU_BVU	variable speed	Other	78	0,08	0,64	410	0,3	1186	32	63,5	-	-	-	68
	2	Duct	Yellow	Average	NRVU_BVU	variable speed	Other	72	0,35	0,45	823	1,1	400	201	63,5	-	-	-	54
			Blue	Max. - high	NRVU_BVU	variable speed	Other	70	0,44	1,18	1207	1,4	934	284	63,5	1	1	870	66
			Red	Max. - low	NRVU_BVU	variable speed	Other	70	0,48	0,32	1222	1,5	0	326	63,5	-	-	-	51
			Red	Min. - low	NRVU_BVU	variable speed	Other	78	0,08	0,02	355	0,3	0	31	63,5	-	-	-	15
			Red	Min. - high	NRVU_BVU	variable speed	Other	78	0,08	0,64	397	0,3	1187	31	63,5	-	-	-	68
		Full face	Yellow	Average	NRVU_BVU	variable speed	Other	72	0,35	0,44	740	1,1	400	182	63,5	-	-	-	53
			Blue	Max. - high	NRVU_BVU	variable speed	Other	70	0,50	1,24	1229	1,6	884	311	63,5	1	1	1020	61
07	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	71	0,52	0,35	1229	1,7	0	324	63,5	-	-	-	52
			Red	Min. - low	NRVU_BVU	variable speed	Other	79	0,08	0,01	225	0,2	0	23	65,5	-	-	-	12
			Red	Min. - high	NRVU_BVU	variable speed	Other	79	0,08	0,47	260	0,2	1001	23	65,5	-	-	-	67
		Full face	Yellow	Average	NRVU_BVU	variable speed	Other	77	0,45	0,43	570	1,0	350	162	65,5	-	-	-	52
			Blue	Max. - high	NRVU_BVU	variable speed	Other	70	0,74	0,88	1192	1,6	291	332	65,5	1	1	1350	60
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	71	0,69	0,46	1212	1,5	0	301	65,5	-	-	-	58
			Red	Min. - low	NRVU_BVU	variable speed	Other	79	0,08	0,01	221	0,2	0	22	65,5	-	-	-	12
			Red	Min. - high	NRVU_BVU	variable speed	Other	79	0,08	0,47	254	0,2	1002	22	65,5	-	-	-	67
		Full face	Yellow	Average	NRVU_BVU	variable speed	Other	77	0,45	0,41	506	1,0	350	144	65,5	-	-	-	52
			Blue	Max. - high	NRVU_BVU	variable speed	Other	71	0,75	0,87	1056	1,6	307	291	65,5	1	1	1400	60
08	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	70	0,74	0,49	1191	1,6	0	286	65,5	-	-	-	60
			Red	Min. - low	NRVU_BVU	variable speed	Other	79	0,08	0,01	260	0,2	0	23	63,5	-	-	-	12
			Red	Min. - high	NRVU_BVU	variable speed	Other	79	0,08	0,64	295	0,2	1198	23	63,5	-	-	-	68
		Full face	Yellow	Average	NRVU_BVU	variable speed	Other	77	0,45	0,54	608	1,0	450	162	63,5	-	-	-	53
			Blue	Max. - high	NRVU_BVU	variable speed	Other	70	0,73	1,24	1190	1,6	569	330	63,5	1	1	1350	61
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	72	0,66	0,45	1242	1,4	0	277	63,5	-	-	-	57
			Red	Min. - low	NRVU_BVU	variable speed	Other	79	0,08	0,01	255	0,2	0	22	63,5	-	-	-	12
			Red	Min. - high	NRVU_BVU	variable speed	Other	79	0,08	0,64	287	0,2	1199	22	63,5	-	-	-	68
		Full face	Yellow	Average	NRVU_BVU	variable speed	Other	77	0,45	0,52	540	1,0	450	144	63,5	-	-	-	53
			Blue	Max. - high	NRVU_BVU	variable speed	Other	71	0,75	1,24	1055	1,6	578	291	63,5	1	1	1400	61
08	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	71	0,69	0,47	1216	1,5	0	254	63,5	-	-	-	58
			Red	Min. - low	NRVU_BVU	variable speed	Other	79	0,20	0,04	340	0,4	0	60	65,4	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Other	79	0,20	0,76	439	0,4	971	60	65,4	-	-	-	69
			Yellow	Average	NRVU_BVU	variable speed	Other	73	0,62	0,65	899	1,3	300	254	65,4	-	-	-	54
			Blue	Max. - high	NRVU_BVU	variable speed	Other	70	0,73	1,36	1188	1,6	653	327	65,4	1	1	1340	59
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	71	0,75	0,48	1192	1,6	0	337	65,4	-	-	-	54
			Red	Min. - low	NRVU_BVU	variable speed	Other	79	0,20	0,04	324	0,4	0	57	65,4	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Other	79	0,20	0,76	413	0,4	975	57	65,4	-	-	-	69
		Full face	Yellow	Average	NRVU_BVU	variable speed	Other	73	0,62	0,61	776	1,3	300	220	65,4	-	-	-	53
			Blue	Max. - high	NRVU_BVU	variable speed	Other	71	0,83	1,38	1203	1,8	558	342	65,4	1	1	1650	59
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Other	71	0,81	0,53	1203	1,8	0	331	65,4	-	-	-	55
			Red	Min. - low	NRVU_BVU	variable speed	Other	79	0,20	0,04	344	0,4	0	60	67,4	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Other	79	0,20	0,99	477	0,4	1177	60	67,4	-	-	-	71
		Full face	Yellow	Average	NRVU_BVU	variable speed	Other	72	0,64	0,78	925	1,4	400	267	67,4	-	-	-	55
			Blue	Max. - high	NRVU_BVU	variable speed	Other	70	0,72	1,69	1190	1,6	900	321	67,4	1	1	1340	63
			Red	Max. - low	NRVU_BVU	variable speed	Other	71	0,77	0,50	1196	1,7	0	355	67,4	-	-	-	54
			Red	Min. - low	NRVU_BVU	variable speed	Other	79	0,20	0,04	327	0,4	0	57	67,4	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Other	79	0,20	0,99	449	0,4	1181	57	67,4	-	-	-	71
			Yellow	Average	NRVU_BVU	variable speed	Other	72	0,64	0,74	798	1,4	400	231	67,4	-	-	-	55
			Blue	Max. - high	NRVU_BVU	variable speed	Other	71	0,84	1,75	1202	1,8	815	346	67,4	1	1	1650	61
			Red	Max. - low	NRVU_BVU	variable speed	Other	71	0,84	0,55	1205	1,8	0	348	67,4	-	-	-	56

			Working point		Part of information requirements for NRVU according to Regulation (EU) No 1253/2014														
Size	Motor option	In and outlet connections	Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
11	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,20	0,03	251	0,3	0	41	65,4	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,20	0,76	300	0,3	991	41	65,4	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Other	78	0,72	0,73	690	1,1	350	201	65,4	-	-	-	55
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,05	1,30	1228	1,6	311	349	65,4	1	1	2260	61
			Red	Max. - low	NRVU, BVU	variable speed	Other	74	0,99	0,69	1262	1,5	0	321	65,4	-	-	-	59
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,20	0,03	242	0,3	0	39	65,4	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,20	0,76	287	0,3	993	39	65,4	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Other	78	0,72	0,70	610	1,1	350	177	65,4	-	-	-	55
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,07	1,29	1095	1,6	323	308	65,4	1	1	2370	61
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	1,05	0,71	1234	1,5	0	297	65,4	-	-	-	61
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,20	0,03	250	0,3	0	41	67,4	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,20	0,99	326	0,3	1197	41	67,4	-	-	-	71
			Yellow	Average	NRVU, BVU	variable speed	Other	78	0,75	0,88	715	1,1	450	213	67,4	-	-	-	56
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,08	1,71	1218	1,6	539	363	67,4	1	1	2260	62
			Red	Max. - low	NRVU, BVU	variable speed	Other	74	1,01	0,69	1255	1,5	0	328	67,4	-	-	-	60
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,20	0,03	241	0,3	0	39	67,4	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,20	0,99	312	0,3	1199	39	67,4	-	-	-	71
			Yellow	Average	NRVU, BVU	variable speed	Other	78	0,75	0,85	628	1,1	450	187	67,4	-	-	-	56
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,10	1,69	1080	1,6	548	321	67,4	1	1	2370	62
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	1,06	0,71	1228	1,6	0	304	67,4	-	-	-	61
12	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,20	0,03	241	0,3	0	41	66,8	-	-	-	24
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,20	0,91	375	0,3	945	41	66,8	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Other	75	0,90	0,93	924	1,3	300	277	66,8	-	-	-	56
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,07	1,76	1223	1,6	564	359	66,8	1	1	2260	61
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	1,11	0,73	1213	1,6	0	383	66,8	-	-	-	56
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,20	0,03	231	0,3	0	39	66,8	-	-	-	23
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,20	0,91	359	0,3	947	39	66,8	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Other	75	0,90	0,87	795	1,3	300	240	66,8	-	-	-	55
			Blue	Max. - high	NRVU, BVU	variable speed	Other	74	1,21	1,78	1215	1,8	475	370	66,8	1	1	2770	61
			Red	Max. - low	NRVU, BVU	variable speed	Other	74	1,23	0,81	1217	1,8	0	379	66,8	-	-	-	58
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,20	0,03	259	0,3	0	41	66,0	-	-	-	24
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,20	1,23	415	0,3	1171	41	66,0	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	75	0,95	1,10	1003	1,4	350	300	66,0	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,04	2,32	1233	1,5	858	346	66,0	1	1	2270	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	1,11	0,73	1214	1,6	0	383	66,0	-	-	-	56
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,20	0,03	247	0,3	0	39	66,0	-	-	-	23
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,20	1,23	396	0,3	1173	39	66,0	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	75	0,95	1,03	859	1,4	350	259	66,0	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,18	2,40	1216	1,7	790	357	66,0	1	1	2740	63
			Red	Max. - low	NRVU, BVU	variable speed	Other	74	1,23	0,81	1218	1,8	0	379	66,0	-	-	-	58
14	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	80	0,20	0,02	117	0,3	0	18	66,8	-	-	-	20
			Red	Min. - high	NRVU, BVU	variable speed	Other	80	0,20	0,91	164	0,3	972	18	66,8	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	75	1,05	0,87	446	1,3	350	140	66,8	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,63	1,56	936	2,0	255	282	66,8	1	1	3090	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	1,63	1,01	1126	2,0	0	282	66,8	-	-	-	65
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	80	0,20	0,02	116	0,3	0	18	66,8	-	-	-	20
			Red	Min. - high	NRVU, BVU	variable speed	Other	80	0,20	0,91	162	0,3	973	18	66,8	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	75	1,05	0,87	429	1,3	350	135	66,8	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,63	1,55	902	2,1	260	270	66,8	1	1	3120	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	1,65	1,03	1125	2,1	0	275	66,8	-	-	-	65
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	80	0,20	0,02	127	0,3	0	18	66,0	-	-	-	20
			Red	Min. - high	NRVU, BVU	variable speed	Other	80	0,20	1,23	181	0,3	1199	18	66,0	-	-	-	74
			Yellow	Average	NRVU, BVU	variable speed	Other	73	1,20	1,26	544	1,5	450	171	66,0	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,65	2,28	919	2,1	536	288	66,0	1	1	3040	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	1,64	1,02	1127	2,1	0	286	66,0	-	-	-	65
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	80	0,20	0,02	127	0,3	0	18	66,0	-	-	-	20
			Red	Min. - high	NRVU, BVU	variable speed	Other	80	0,20	1,23	179	0,3	1199	18	66,0	-	-	-	74
			Yellow	Average	NRVU, BVU	variable speed	Other	73	1,20	1,24	522	1,5	450	164	66,0	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,65	2,28	878	2,1	549	275	66,0	1	1	3040	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	1,65	1,01	1108	2,1	0	275	66,0	-	-	-	65

			Working point		Part of information requirements for NRVU according to Regulation (EU) No 1253/2014													
Size	Motor option	In and outlet connections	Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
20	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	80	0,30	0,02	120	0,4	0	28	66,7	-	-	-	21
			Red	Min. - high	NRVU, BVU	variable speed	Other	80	0,30	1,32	247	0,4	976	28	66,7	-	-	-	68
			Yellow	Average	NRVU, BVU	variable speed	Other	72	1,40	1,24	695	1,8	300	218	66,7	-	-	-	56
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,82	2,78	1112	2,3	553	341	66,7	1	1	3710	62
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	1,82	1,10	1112	2,3	0	343	66,7	-	-	-	58
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	80	0,30	0,02	118	0,4	0	28	66,7	-	-	-	21
			Red	Min. - high	NRVU, BVU	variable speed	Other	80	0,30	1,32	243	0,4	976	28	66,7	-	-	-	68
			Yellow	Average	NRVU, BVU	variable speed	Other	72	1,40	1,22	663	1,8	300	209	66,7	-	-	-	56
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,87	2,78	1109	2,4	531	342	66,7	1	1	3900	62
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	1,86	1,12	1109	2,3	0	339	66,7	-	-	-	58
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	80	0,30	0,03	160	0,4	0	28	65,7	-	-	-	21
			Red	Min. - high	NRVU, BVU	variable speed	Other	80	0,30	1,79	271	0,4	1206	28	65,7	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	72	1,40	1,51	718	1,8	400	218	65,7	-	-	-	58
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,79	3,71	1114	2,3	859	333	65,7	1	1	3720	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	1,80	1,09	1115	2,3	0	338	65,7	-	-	-	58
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	80	0,30	0,03	157	0,4	0	28	65,7	-	-	-	21
			Red	Min. - high	NRVU, BVU	variable speed	Other	80	0,30	1,79	267	0,4	1207	28	65,7	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	72	1,40	1,49	685	1,8	400	209	65,7	-	-	-	58
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	1,84	3,73	1109	2,3	839	334	65,7	1	1	3900	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	1,84	1,11	1109	2,3	0	333	65,7	-	-	-	58
25	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,30	0,02	84	0,3	0	20	66,7	-	-	-	19
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,30	1,32	176	0,3	985	20	66,7	-	-	-	68
			Yellow	Average	NRVU, BVU	variable speed	Other	77	1,50	1,30	511	1,5	350	162	66,7	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	74	2,33	2,60	1087	2,3	305	332	66,7	1	1	4900	64
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	2,19	1,30	1083	2,1	0	299	66,7	-	-	-	61
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,30	0,02	83	0,3	0	20	66,7	-	-	-	19
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,30	1,32	173	0,3	985	20	66,7	-	-	-	68
			Yellow	Average	NRVU, BVU	variable speed	Other	77	1,50	1,28	492	1,5	350	156	66,7	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	74	2,34	2,59	1053	2,3	308	321	66,7	1	1	4970	64
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	2,23	1,34	1088	2,2	0	296	66,7	-	-	-	62
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,30	0,02	110	0,3	0	20	65,7	-	-	-	19
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,30	1,79	193	0,3	1216	20	65,7	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	76	1,60	1,71	573	1,6	450	179	65,7	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Other	74	2,38	3,67	1101	2,3	575	345	65,7	1	1	4970	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	2,16	1,29	1079	2,1	0	292	65,7	-	-	-	61
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,30	0,02	109	0,3	0	20	65,7	-	-	-	19
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,30	1,79	191	0,3	1216	20	65,7	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	76	1,60	1,69	550	1,6	450	172	65,7	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Other	74	2,45	3,62	1104	2,4	534	345	65,7	1	1	5260	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	73	2,21	1,32	1084	2,2	0	289	65,7	-	-	-	61
30	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,50	0,05	140	0,5	0	36	65,2	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,50	2,29	296	0,5	1079	36	65,2	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	74	1,80	1,64	707	1,8	300	215	65,2	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	2,25	4,49	1088	2,2	789	312	65,2	1	1	4870	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	74	2,38	1,42	1100	2,3	0	345	65,2	-	-	-	58
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,50	0,05	137	0,5	0	36	65,2	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,50	2,29	291	0,5	1080	36	65,2	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Other	74	1,80	1,61	677	1,8	300	207	65,2	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Other	74	2,33	4,55	1096	2,3	768	317	65,2	1	1	5170	65
			Red	Max. - low	NRVU, BVU	variable speed	Other	74	2,45	1,47	1103	2,4	0	344	65,2	-	-	-	58
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,50	0,05	144	0,5	0	36	67,2	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,50	2,74	314	0,5	1224	36	67,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	74	1,90	2,17	797	1,9	400	236	67,2	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	2,16	5,31	1083	2,1	991	293	67,2	1	1	4810	67
			Red	Max. - low	NRVU, BVU	variable speed	Other	74	2,38	1,42	1101	2,3	0	345	67,2	-	-	-	58
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Other	81	0,50	0,05	141	0,5	0	36	67,2	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Other	81	0,50	2,74	308	0,5	1225	36	67,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Other	74	1,90	2,14	762	1,9	400	226	67,2	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Other	73	2,25	5,40	1088	2,2	975	298	67,2	1	1	5100	67
			Red	Max. - low	NRVU, BVU	variable speed	Other	74	2,45	1,47	1104	2,4	0	344	67,2	-	-	-	58

			Working point		Part of information requirements for NRVU according to Regulation (EU) No 1253/201														
Size	Motor option	In and outlet connections	Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
35	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,50	0,02	71	0,3	0	17	65,2	-	-	-	23
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,50	2,29	137	0,3	1104	17	65,2	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	2,40	2,09	526	1,4	350	166	65,2	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	3,77	4,15	1164	2,2	255	333	65,2	1	0	7770	67
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	3,76	2,96	1440	2,2	0	332	65,2	-	-	-	66
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,50	0,02	71	0,3	0	16	65,2	-	-	-	23
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,50	2,29	133	0,3	1105	16	65,2	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	2,40	2,06	495	1,4	350	156	65,2	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	3,82	4,10	1122	2,3	246	315	65,2	1	0	8120	67
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	3,84	3,02	1440	2,3	0	319	65,2	-	-	-	67
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,50	0,02	71	0,3	0	17	67,2	-	-	-	23
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,50	2,74	145	0,3	1249	17	67,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	2,60	2,81	601	1,5	450	188	67,2	-	-	-	62
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	3,90	5,11	1207	2,3	367	352	67,2	1	0	8150	68
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	3,75	2,95	1439	2,2	0	331	67,2	-	-	-	66
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,50	0,02	70	0,3	0	16	67,2	-	-	-	23
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,50	2,74	141	0,3	1250	16	67,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	2,60	2,76	564	1,5	450	176	67,2	-	-	-	61
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	3,90	5,11	1118	2,3	393	326	67,2	1	0	8150	68
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	3,83	3,01	1440	2,3	0	317	67,2	-	-	-	67
40	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Run-around	69	0,75	0,05	94	0,4	0	30	70,5	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	69	0,75	2,30	213	0,4	819	30	70,5	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	2,70	2,07	632	1,6	250	198	70,5	-	-	-	58
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	3,90	4,40	1127	2,3	308	352	70,5	1	0	7600	64
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	3,90	2,39	1126	2,3	0	352	70,5	-	-	-	61
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Run-around	69	0,75	0,05	91	0,4	0	29	70,5	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	69	0,75	2,30	206	0,4	819	29	70,5	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	2,70	2,01	590	1,6	250	186	70,5	-	-	-	58
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	3,90	4,39	1044	2,3	333	326	70,5	1	0	7600	64
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	3,90	2,24	1051	2,3	0	326	70,5	-	-	-	61
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Run-around	69	0,75	0,05	94	0,4	0	30	69,2	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	69	0,75	3,57	243	0,4	1124	30	69,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	65	3,30	3,52	874	1,9	350	271	69,2	-	-	-	62
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	63	4,40	7,24	1408	2,6	522	425	69,2	1	0	9870	67
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	4,43	3,37	1406	2,6	0	431	69,2	-	-	-	64
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Run-around	69	0,75	0,05	91	0,4	0	29	69,2	-	-	-	27
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	69	0,75	3,57	235	0,4	1125	29	69,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	65	3,30	3,41	811	1,9	350	253	69,2	-	-	-	62
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	63	4,47	7,21	1330	2,6	527	402	69,2	2	0	10100	67
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	4,47	3,21	1329	2,6	0	402	69,2	-	-	-	64
50	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,60	0,03	66	0,2	0	14	66,7	-	-	-	21
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,60	2,65	122	0,2	993	14	66,7	-	-	-	71
			Yellow	Average	NRVU, BVU	variable speed	Run-around	67	3,10	2,61	487	1,2	350	155	66,7	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	4,89	5,01	1052	1,9	254	312	66,7	1	0	9460	67
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	65	5,00	3,47	1271	1,9	0	323	66,7	-	-	-	67
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,60	0,03	66	0,2	0	14	66,7	-	-	-	21
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,60	2,65	119	0,2	993	14	66,7	-	-	-	71
			Yellow	Average	NRVU, BVU	variable speed	Run-around	67	3,10	2,58	463	1,2	350	147	66,7	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	4,93	4,97	1008	1,9	257	297	66,7	1	0	9650	67
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	65	5,00	3,36	1223	1,9	0	304	66,7	-	-	-	67
	2	Duct	Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,60	0,04	82	0,2	0	14	65,7	-	-	-	21
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,60	3,57	134	0,2	1223	14	65,7	-	-	-	73
			Yellow	Average	NRVU, BVU	variable speed	Run-around	67	3,30	3,44	542	1,3	450	170	65,7	-	-	-	62
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	5,00	7,17	1038	1,9	527	323	65,7	1	0	9370	69
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	65	5,00	3,47	1270	1,9	0	323	65,7	-	-	-	67
		Full face	Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,60	0,04	81	0,2	0	14	65,7	-	-	-	21
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,60	3,57	131	0,2	1223	14	65,7	-	-	-	73
			Yellow	Average	NRVU, BVU	variable speed	Run-around	67	3,30	3,39	515	1,3	450	162	65,7	-	-	-	62
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	5,00	7,17	975	1,9	547	304	65,7	1	0	9370	69
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	65	5,00	3,36	1224	1,9	0	304	65,7	-	-	-	67

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Size	Motor option	In and outlet connections	Working point: Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
Part of information requirements for NRVU according to Regulation (EU) No 1253/201																			
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
60	1	Duct	Red	Min. - low	NRVU_BVU	variable speed	Run-around	68	1,00	0,06	85	0,4	0	29	65,2	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	68	1,00	4,65	240	0,4	1098	29	65,2	-	-	-	73
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	4,30	4,13	823	1,6	300	255	65,2	-	-	-	62
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	5,97	9,43	1402	2,3	486	426	65,2	1	0	13400	68
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	5,98	4,55	1402	2,3	0	427	65,2	-	-	-	65
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	68	1,00	0,06	82	0,4	0	29	65,2	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	68	1,00	4,65	234	0,4	1099	29	65,2	-	-	-	73
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	4,30	4,02	775	1,6	300	241	65,2	-	-	-	62
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	6,02	9,40	1324	2,3	499	403	65,2	1	0	13600	68
		Duct	Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	6,02	4,37	1338	2,3	0	403	65,2	-	-	-	65
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	68	1,00	0,09	135	0,4	0	29	67,4	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	68	1,00	7,13	274	0,4	1488	29	67,4	-	-	-	76
			Yellow	Average	NRVU_BVU	variable speed	Run-around	65	4,50	5,16	878	1,7	400	274	67,4	-	-	-	64
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	5,89	14,53	1413	2,2	991	417	67,4	1	0	13400	71
	2		Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	5,92	4,53	1416	2,2	0	420	67,4	-	-	-	65
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	68	1,00	0,09	131	0,4	0	29	67,4	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	68	1,00	7,13	267	0,4	1489	29	67,4	-	-	-	76
		Full face	Yellow	Average	NRVU_BVU	variable speed	Run-around	65	4,50	5,04	827	1,7	400	258	67,4	-	-	-	63
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	5,98	14,60	1350	2,3	996	389	67,4	2	0	13800	71
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	5,98	4,42	1362	2,3	0	399	67,4	-	-	-	65
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	71	1,00	0,04	57	0,3	0	20	65,2	-	-	-	26
		Duct	Red	Min. - high	NRVU_BVU	variable speed	Run-around	71	1,00	4,65	160	0,3	1109	20	65,2	-	-	-	73
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	4,80	4,50	639	1,6	350	200	65,2	-	-	-	63
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	7,26	8,54	1272	2,4	277	380	65,2	1	0	15300	69
	1		Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	7,27	5,60	1422	2,4	0	381	65,2	-	-	-	69
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	71	1,00	0,04	56	0,3	0	19	65,2	-	-	-	26
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	71	1,00	4,65	156	0,3	1110	19	65,2	-	-	-	73
		Full face	Yellow	Average	NRVU_BVU	variable speed	Run-around	66	4,80	4,43	609	1,6	350	191	65,2	-	-	-	63
70			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	7,31	8,49	1222	2,4	282	363	65,2	1	0	15500	70
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	7,42	5,70	1419	2,4	0	371	65,2	-	-	-	69
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	71	1,00	0,06	88	0,3	0	20	67,4	-	-	-	26
		Duct	Red	Min. - high	NRVU_BVU	variable speed	Run-around	71	1,00	7,13	182	0,3	1499	20	67,4	-	-	-	76
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	5,20	5,92	721	1,7	450	227	67,4	-	-	-	65
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	7,50	14,76	1343	2,4	725	399	67,4	1	0	16300	72
	2		Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	7,20	5,57	1426	2,3	0	374	67,4	-	-	-	69
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	71	1,00	0,06	86	0,3	0	19	67,4	-	-	-	26
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	71	1,00	7,13	179	0,3	1500	19	67,4	-	-	-	76
		Full face	Yellow	Average	NRVU_BVU	variable speed	Run-around	66	5,20	5,83	686	1,7	450	216	67,4	-	-	-	65
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	7,50	14,76	1267	2,4	748	377	67,4	1	0	16300	72
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	7,34	5,64	1419	2,4	0	364	67,4	-	-	-	69
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	65	1,50	0,09	94	0,5	0	36	69,2	-	-	-	31
		Duct	Red	Min. - high	NRVU_BVU	variable speed	Run-around	65	1,50	7,40	298	0,5	1137	36	69,2	-	-	-	75
			Yellow	Average	NRVU_BVU	variable speed	Run-around	65	6,00	6,01	909	2,0	300	283	69,2	-	-	-	64
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	7,79	14,33	1405	2,5	640	424	69,2	1	0	17200	70
	1		Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	7,86	5,90	1387	2,6	0	430	69,2	-	-	-	65
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	65	1,50	0,09	91	0,5	0	35	69,2	-	-	-	31
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	65	1,50	7,39	291	0,5	1137	35	69,2	-	-	-	75
		Full face	Yellow	Average	NRVU_BVU	variable speed	Run-around	65	6,00	5,86	860	2,0	300	268	69,2	-	-	-	63
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	7,86	14,34	1340	2,6	652	405	69,2	1	0	17900	70
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	7,86	5,59	1313	2,6	0	405	69,2	-	-	-	65
80			Red	Min. - low	NRVU_BVU	variable speed	Run-around	65	1,50	0,14	144	0,5	0	36	68,5	-	-	-	31
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	65	1,50	10,50	320	0,5	1520	36	68,5	-	-	-	78
		Duct	Yellow	Average	NRVU_BVU	variable speed	Run-around	65	6,30	7,67	995	2,1	400	305	68,5	-	-	-	65
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	7,70	20,06	1410	2,5	1077	417	68,5	1	0	17200	73
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	7,79	5,93	1403	2,5	0	424	68,5	-	-	-	65
	2		Red	Min. - low	NRVU_BVU	variable speed	Run-around	65	1,50	0,14	140	0,5	0	35	68,5	-	-	-	31
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	65	1,50	10,50	311	0,5	1521	35	68,5	-	-	-	78
		Full face	Yellow	Average	NRVU_BVU	variable speed	Run-around	65	6,30	7,49	941	2,1	400	289	68,5	-	-	-	65
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	7,81	20,22	1348	2,5	1092	401	68,5	1	0	17600	73
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	7,81	5,65	1332	2,5	0	401	68,5	-	-	-	65

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Size	Motor option	In and outlet connections	Working point: Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
100	1	Duct	Red	Min. - low	NRVU_BVU	variable speed	Run-around	70	1,50	0,04	40	0,3	0	18	69,2	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	70	1,50	7,40	152	0,3	1158	18	69,2	-	-	-	75
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	7,50	6,88	607	1,5	350	192	69,2	-	-	-	65
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	11,00	13,16	1185	2,3	309	347	69,2	1	0	23100	72
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	11,00	8,34	1397	2,3	0	347	69,2	-	-	-	71
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	70	1,50	0,04	39	0,3	0	18	69,2	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	70	1,50	7,40	149	0,3	1158	18	69,2	-	-	-	75
		Full face	Yellow	Average	NRVU_BVU	variable speed	Run-around	66	7,50	6,78	579	1,5	350	183	69,2	-	-	-	65
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	11,00	13,15	1121	2,3	327	328	69,2	1	0	23100	72
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	11,00	8,10	1350	2,3	0	328	69,2	-	-	-	71
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	70	1,50	0,06	61	0,3	0	18	68,5	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	70	1,50	10,50	163	0,3	1541	18	68,5	-	-	-	78
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	7,50	8,26	621	1,5	450	192	68,5	-	-	-	66
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	11,00	21,59	1128	2,3	815	347	68,5	3	0	22000	73
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	11,00	8,29	1388	2,3	0	347	68,5	-	-	-	71
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	70	1,50	0,06	59	0,3	0	18	68,5	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	70	1,50	10,50	160	0,3	1541	18	68,5	-	-	-	78
		Full face	Yellow	Average	NRVU_BVU	variable speed	Run-around	66	7,50	8,15	593	1,5	450	183	68,5	-	-	-	66
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	11,00	21,60	1067	2,3	834	328	68,5	3	0	22000	73
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	11,00	8,04	1340	2,3	0	328	68,5	-	-	-	71
120	1	Duct	Red	Min. - low	NRVU_BVU	variable speed	Run-around	64	2,50	0,19	119	0,5	0	38	69,2	-	-	-	35
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	64	2,50	10,94	290	0,5	1085	38	69,2	-	-	-	77
			Yellow	Average	NRVU_BVU	variable speed	Run-around	65	9,30	9,40	887	1,9	300	267	69,2	-	-	-	66
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	12,30	21,52	1413	2,5	560	411	69,2	1	0	28700	72
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	12,32	9,44	1415	2,5	0	414	69,2	-	-	-	68
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	64	2,50	0,19	116	0,5	0	37	69,2	-	-	-	35
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	64	2,50	10,95	283	0,5	1087	37	69,2	-	-	-	77
		Full face	Yellow	Average	NRVU_BVU	variable speed	Run-around	65	9,30	9,19	842	1,9	300	253	69,2	-	-	-	66
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	12,72	21,50	1404	2,6	529	410	69,2	1	0	30500	72
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	12,66	9,63	1403	2,6	0	406	69,2	-	-	-	68
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	64	2,50	0,26	157	0,5	0	38	68,5	-	-	-	35
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	64	2,50	16,10	324	0,5	1447	38	68,5	-	-	-	80
			Yellow	Average	NRVU_BVU	variable speed	Run-around	65	10,00	12,61	1017	2,0	400	299	68,5	-	-	-	68
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	12,02	30,67	1420	2,5	985	398	68,5	1	0	28500	75
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	11,87	9,16	1425	2,4	0	390	68,5	-	-	-	67
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	64	2,50	0,25	153	0,5	0	37	68,5	-	-	-	35
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	64	2,50	16,10	315	0,5	1448	37	68,5	-	-	-	80
		Full face	Yellow	Average	NRVU_BVU	variable speed	Run-around	65	10,00	12,34	964	2,0	400	284	68,5	-	-	-	68
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	12,70	31,39	1404	2,6	982	408	68,5	1	0	30500	75
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	12,16	9,34	1417	2,5	0	382	68,5	-	-	-	67

Part of information requirements for NRVU according to Regulation (EU) No 1253/201

SD with coil heat exchanger

Size	Motor option	In and outle connections	Working point		AHU type	Type of drive	Type of HRS	Part of information requirements for NRVU according to Regulation (EU) No 1253/2014																
			Colour	Remark				Thermal efficiency	Nominal flow rate		Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m³/s		kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
11	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,20		0,02	168	0,3	0	24	65,4	-	-	-	25
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,20		0,76	171	0,3	1009	24	65,4	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Run-around	68	0,75		0,71	554	1,1	350	162	65,4	-	-	-	55
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	67	1,08		1,28	1016	1,6	331	284	65,4	1	0	2430	61
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	66	1,20		0,99	1508	1,8	0	335	65,4	-	-	-	64
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,20		0,02	163	0,3	0	22	65,4	-	-	-	25
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,20		0,76	163	0,3	1010	22	65,4	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Run-around	68	0,75		0,69	502	1,1	350	146	65,4	-	-	-	55
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	67	1,10		1,26	934	1,6	331	258	65,4	1	0	2540	62
	2	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	66	1,20		0,93	1406	1,8	0	295	65,4	-	-	-	64
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,20		0,02	164	0,3	0	24	67,4	-	-	-	25
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,20		0,99	186	0,3	1215	24	67,4	-	-	-	71
			Yellow	Average	NRVU, BVU	variable speed	Run-around	68	0,80		0,89	592	1,2	450	178	67,4	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	66	1,20		1,61	1171	1,8	384	335	67,4	1	0	2910	64
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	66	1,20		0,94	1442	1,8	0	335	67,4	-	-	-	64
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,20		0,02	158	0,3	0	22	67,4	-	-	-	25
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,20		0,99	177	0,3	1216	22	67,4	-	-	-	71
			Yellow	Average	NRVU, BVU	variable speed	Run-around	68	0,80		0,87	533	1,2	450	160	67,4	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	66	1,20		1,61	1032	1,8	423	295	67,4	1	0	2910	64
12	1	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	66	1,20		0,89	1344	1,8	0	295	67,4	-	-	-	64
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,20		0,02	142	0,3	0	24	66,8	-	-	-	19
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,20		0,91	214	0,3	963	24	66,8	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Run-around	68	0,90		0,74	700	1,3	250	214	66,8	-	-	-	54
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	1,31		1,76	1247	1,9	396	388	66,8	1	0	3160	61
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	1,44		1,13	0	2,1	0	446	66,8	-	-	-	61
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,20		0,02	136	0,3	0	22	66,8	-	-	-	19
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,20		0,90	204	0,3	963	22	66,8	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Run-around	68	0,90		0,70	623	1,3	250	192	66,8	-	-	-	54
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	1,36		1,74	1145	2,0	391	358	66,8	1	0	3340	61
	2	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	1,44		1,01	0	2,1	0	389	66,8	-	-	-	61
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,20		0,02	150	0,3	0	24	66,0	-	-	-	19
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,20		1,23	237	0,3	1189	24	66,0	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	67	1,00		0,97	821	1,5	300	252	66,0	-	-	-	56
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	63	1,44		2,41	1442	2,1	542	446	66,0	1	0	3710	63
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	1,44		1,13	1450	2,1	0	446	66,0	-	-	-	61
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	74	0,20		0,02	144	0,3	0	22	66,0	-	-	-	19
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	74	0,20		1,23	225	0,3	1191	22	66,0	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	67	1,00		0,92	728	1,5	300	224	66,0	-	-	-	56
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	63	1,43		2,41	1250	2,1	605	387	66,0	1	0	3690	63
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	1,43		1,00	1295	2,1	0	387	66,0	-	-	-	61
14	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Run-around	78	0,20		0,01	95	0,3	0	12	66,8	-	-	-	20
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	78	0,20		0,91	108	0,3	978	12	66,8	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	1,10		0,82	431	1,4	300	136	66,8	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	1,65		1,54	847	2,1	264	251	66,8	1	0	3200	65
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	1,80		1,26	1266	2,3	0	288	66,8	-	-	-	67
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	78	0,20		0,01	94	0,3	0	12	66,8	-	-	-	20
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	78	0,20		0,91	107	0,3	978	12	66,8	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	1,10		0,81	423	1,4	300	134	66,8	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	1,66		1,53	842	2,1	259	248	66,8	1	0	3250	65
	2	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	1,80		1,25	1251	2,3	0	282	66,8	-	-	-	67
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	78	0,20		0,02	105	0,3	0	12	66,0	-	-	-	20
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	78	0,20		1,23	118	0,3	1205	12	66,0	-	-	-	74
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	1,20		1,13	486	1,5	400	153	66,0	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	1,80		2,13	931	2,3	383	288	66,0	7	0	3710	67
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	1,80		1,23	1231	2,3	0	282	66,0	-	-	-	67

SD with coil heat exchanger

Size	Motor option	In and outle connections	Working point		AHU type	Type of drive	Type of HRS	Part of information requirements for NRVU according to Regulation (EU) No 1253/2014														
			Colour	Remark				Thermal efficiency	Nominal flow rate	Effective electric power	SFPInt	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level. LwA
			-	-	-	-	-	%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
20	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Run-around	73	0,30	0,02	88	0,4	0	21	66,7	-	-	-	19
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	73	0,30	1,32	184	0,4	983	21	66,7	-	-	-	68
			Yellow	Average	NRVU, BVU	variable speed	Run-around	65	1,60	1,33	756	2,0	250	241	66,7	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	2,14	2,72	1208	2,7	368	376	66,7	1	0	4990	63
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	2,25	1,71	1400	2,8	0	408	66,7	-	-	-	62
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	73	0,30	0,02	87	0,4	0	21	66,7	-	-	-	19
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	73	0,30	1,32	182	0,4	983	21	66,7	-	-	-	68
			Yellow	Average	NRVU, BVU	variable speed	Run-around	65	1,60	1,32	739	2,0	250	236	66,7	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	2,15	2,71	1188	2,7	367	370	66,7	1	0	5050	63
	2	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	2,26	1,68	1376	2,8	0	399	66,7	-	-	-	62
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	73	0,30	0,02	117	0,4	0	21	65,7	-	-	-	19
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	73	0,30	1,79	202	0,4	1213	21	65,7	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Run-around	65	1,70	1,64	840	2,1	300	264	65,7	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	63	2,25	3,73	1304	2,8	581	409	65,7	1	0	5470	65
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	2,24	1,70	1402	2,8	0	405	65,7	-	-	-	62
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	73	0,30	0,02	116	0,4	0	21	65,7	-	-	-	19
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	73	0,30	1,79	200	0,4	1213	21	65,7	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Run-around	65	1,70	1,62	821	2,1	300	259	65,7	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	63	2,25	3,73	1271	2,8	592	399	65,7	5	0	5470	65
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	2,25	1,69	1389	2,8	0	399	65,7	-	-	-	62
25	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Run-around	77	0,30	0,01	62	0,3	0	13	66,7	-	-	-	18
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	77	0,30	1,32	114	0,3	992	13	66,7	-	-	-	68
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	1,60	1,18	425	1,6	300	136	66,7	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	2,77	2,18	1330	2,7	27	312	66,7	6	0	8910	66
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	2,77	2,09	1376	2,7	0	312	66,7	-	-	-	66
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	77	0,30	0,01	62	0,3	0	13	66,7	-	-	-	18
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	77	0,30	1,32	112	0,3	992	13	66,7	-	-	-	68
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	1,60	1,17	414	1,6	300	132	66,7	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	2,78	2,16	1307	2,7	28	302	66,7	6	0	9090	66
	2	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	2,78	2,08	1357	2,7	0	302	66,7	-	-	-	66
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	77	0,30	0,02	77	0,3	0	13	65,7	-	-	-	18
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	77	0,30	1,79	125	0,3	1222	13	65,7	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	1,80	1,72	515	1,8	400	162	65,7	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	2,74	3,35	1030	2,7	370	306	65,7	1	0	6890	67
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	2,80	2,09	1363	2,7	0	317	65,7	-	-	-	66
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	77	0,30	0,02	77	0,3	0	13	65,7	-	-	-	18
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	77	0,30	1,79	124	0,3	1222	13	65,7	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	1,80	1,71	501	1,8	400	158	65,7	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	2,75	3,34	1005	2,7	373	298	65,7	1	0	6950	67
30	1	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	2,80	2,05	1337	2,7	0	306	65,7	-	-	-	66
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	72	0,50	0,04	97	0,5	0	26	65,2	-	-	-	25
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	72	0,50	2,29	212	0,5	1090	26	65,2	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Run-around	65	2,20	1,78	696	2,2	250	219	65,2	-	-	-	58
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	63	3,31	4,51	1345	3,2	370	410	65,2	1	0	9370	66
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	3,26	2,48	1410	3,2	0	401	65,2	-	-	-	64
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	72	0,50	0,04	96	0,5	0	26	65,2	-	-	-	25
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	72	0,50	2,29	209	0,5	1090	26	65,2	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Run-around	65	2,20	1,75	674	2,2	250	212	65,2	-	-	-	58
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	63	3,35	4,49	1314	3,3	367	400	65,2	1	0	9550	66
	2	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	3,31	2,51	1409	3,2	0	394	65,2	-	-	-	64
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	72	0,50	0,04	100	0,5	0	26	67,2	-	-	-	25
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	72	0,50	2,74	225	0,5	1235	26	67,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	65	2,40	2,29	800	2,3	300	250	67,2	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	63	3,40	5,53	1404	3,3	511	426	67,2	1	0	9860	67
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	3,26	2,48	1412	3,2	0	399	67,2	-	-	-	64
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	72	0,50	0,04	99	0,5	0	26	67,2	-	-	-	25
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	72	0,50	2,74	222	0,5	1235	26	67,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	65	2,40	2,25	773	2,3	300	242	67,2	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	63	3,45	5,49	1384	3,4	494	420	67,2	1	0	10100	67
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	3,30	2,50	1410	3,2	0	392	67,2	-	-	-	64

SD with coil heat exchanger

Size	Motor option	In and outle connections	Working point		AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
			Colour	Remark															
								%	m3/s	kW	W/(m3/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
35	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	Run-around	75	0,50	0,02	66	0,3	0	15	65,2	-	-	-	23
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	75	0,50	2,29	119	0,3	1106	15	65,2	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	2,40	2,01	460	1,4	350	145	65,2	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	3,84	4,07	1076	2,3	248	298	65,2	1	0	8360	67
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	65	3,92	3,11	1445	2,3	0	307	65,2	-	-	-	67
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	75	0,50	0,02	66	0,3	0	14	65,2	-	-	-	23
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	75	0,50	2,29	117	0,3	1106	14	65,2	-	-	-	70
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	2,40	1,98	438	1,4	350	138	65,2	-	-	-	59
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	3,86	4,06	1030	2,3	250	281	65,2	1	0	8550	67
	2	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	64	3,98	3,17	1445	2,4	0	296	65,2	-	-	-	68
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	75	0,50	0,02	66	0,3	0	15	67,2	-	-	-	23
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	75	0,50	2,74	127	0,3	1251	15	67,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	2,60	2,70	523	1,5	450	163	67,2	-	-	-	61
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	4,00	5,02	1110	2,4	354	316	67,2	1	0	8750	68
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	65	3,91	3,10	1445	2,3	0	305	67,2	-	-	-	67
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	75	0,50	0,02	65	0,3	0	14	67,2	-	-	-	23
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	75	0,50	2,74	124	0,3	1251	14	67,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	2,60	2,67	496	1,5	450	155	67,2	-	-	-	61
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	4,00	5,02	1043	2,4	373	297	67,2	1	0	8750	68
40	1	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	65	3,97	3,16	1445	2,3	0	294	67,2	-	-	-	68
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	70	0,75	0,04	83	0,4	0	26	70,5	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	70	0,75	2,30	190	0,4	822	26	70,5	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	2,70	1,94	546	1,6	250	173	70,5	-	-	-	58
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	4,11	4,33	1057	2,4	282	330	70,5	1	0	8400	64
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	4,78	3,64	1410	2,8	0	417	70,5	-	-	-	65
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	70	0,75	0,04	81	0,4	0	26	70,5	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	70	0,75	2,31	185	0,4	823	26	70,5	-	-	-	69
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	2,70	1,90	517	1,6	250	164	70,5	-	-	-	57
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	64	4,14	4,31	1004	2,4	292	314	70,5	1	0	8510	64
	2	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	4,88	3,65	1382	2,9	0	402	70,5	-	-	-	66
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	70	0,75	0,04	83	0,4	0	26	69,2	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	70	0,75	3,57	217	0,4	1128	26	69,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	65	3,30	3,30	751	1,9	350	235	69,2	-	-	-	61
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	63	4,85	7,02	1404	2,9	403	426	69,2	1	0	11800	67
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	4,77	3,64	1409	2,8	0	417	69,2	-	-	-	65
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	70	0,75	0,04	81	0,4	0	26	69,2	-	-	-	26
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	70	0,75	3,57	211	0,4	1128	26	69,2	-	-	-	72
			Yellow	Average	NRVU, BVU	variable speed	Run-around	65	3,30	3,23	707	1,9	350	222	69,2	-	-	-	61
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	63	4,91	6,98	1338	2,9	407	406	69,2	1	0	12100	68
50	1	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	63	4,91	3,72	1401	2,9	0	406	69,2	-	-	-	66
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	76	0,60	0,03	61	0,2	0	12	66,7	-	-	-	21
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	76	0,60	2,65	104	0,2	994	12	66,7	-	-	-	71
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	3,10	2,49	407	1,2	350	130	66,7	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	5,02	4,89	930	1,9	255	270	66,7	1	0	10100	68
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	65	5,54	4,20	1385	2,1	0	315	66,7	-	-	-	69
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	76	0,60	0,03	61	0,2	0	12	66,7	-	-	-	21
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	76	0,60	2,65	102	0,2	995	12	66,7	-	-	-	71
			Yellow	Average	NRVU, BVU	variable speed	Run-around	66	3,10	2,45	383	1,2	350	122	66,7	-	-	-	60
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	5,04	4,86	876	1,9	264	252	66,7	1	0	10300	68
	2	Duct	Red	Max. - low	NRVU, BVU	variable speed	Run-around	65	5,59	4,15	1346	2,1	0	295	66,7	-	-	-	69
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	76	0,60	0,03	74	0,2	0	12	65,7	-	-	-	21
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	76	0,60	3,57	115	0,2	1224	12	65,7	-	-	-	73
			Yellow	Average	NRVU, BVU	variable speed	Run-around	67	3,30	3,29	452	1,3	450	142	65,7	-	-	-	62
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	5,60	6,57	1098	2,1	319	320	65,7	1	0	12300	70
		Full face	Red	Max. - low	NRVU, BVU	variable speed	Run-around	65	5,60	4,20	1372	2,1	0	320	65,7	-	-	-	69
			Red	Min. - low	NRVU, BVU	variable speed	Run-around	76	0,60	0,03	73	0,2	0	12	65,7	-	-	-	21
			Red	Min. - high	NRVU, BVU	variable speed	Run-around	76	0,60	3,57	112	0,2	1225	12	65,7	-	-	-	73
			Yellow	Average	NRVU, BVU	variable speed	Run-around	67	3,30	3,24	425	1,3	450	134	65,7	-	-	-	62
			Blue	Max. - high	NRVU, BVU	variable speed	Run-around	65	5,60	6,57	1014	2,1	343	296	65,7	1	0	12300	70
			Red	Max. - low	NRVU, BVU	variable speed	Run-around	65	5,60	4,04	1312	2,1	0	296	65,7	-	-	-	69

Part of information requirements for NRVU according to Regulation (EU) No 1253/2014

SD with coil heat exchanger

Size	Working point						Part of information requirements for NRVU according to Regulation (EU) No 1253/2014													
	Motor option	In and outle connections	Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level. LwA
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
60	1	Duct	Red	Min. - low	NRVU_BVU	variable speed	Run-around	70	1,00	0,05	73	0,4	0	25	65,2	-	-	-	27
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	70	1,00	4,65	208	0,4	1102	25	65,2	-	-	-	73
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	4,30	3,80	683	1,6	300	213	65,2	-	-	-	61
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	6,63	9,10	1361	2,5	373	416	65,2	1	0	16300	69
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	6,58	5,05	1419	2,5	0	412	65,2	-	-	-	67
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	70	1,00	0,05	70	0,4	0	25	65,2	-	-	-	27
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	70	1,00	4,65	201	0,4	1103	25	65,2	-	-	-	73
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	4,30	3,69	636	1,6	300	199	65,2	-	-	-	61
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	6,77	8,99	1291	2,6	366	384	65,2	1	0	16900	69
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	6,81	5,18	1410	2,6	0	399	65,2	-	-	-	68
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	70	1,00	0,08	116	0,4	0	25	67,4	-	-	-	27
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	70	1,00	7,13	237	0,4	1492	25	67,4	-	-	-	76
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	4,50	4,81	729	1,7	400	228	67,4	-	-	-	63
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	6,70	14,91	1413	2,5	859	423	67,4	1	0	16900	71
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	6,49	4,99	1422	2,5	0	403	67,4	-	-	-	67
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	70	1,00	0,08	112	0,4	0	25	67,4	-	-	-	27
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	70	1,00	7,13	230	0,4	1493	25	67,4	-	-	-	76
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	4,50	4,69	677	1,7	400	212	67,4	-	-	-	63
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	6,96	14,91	1376	2,6	821	412	67,4	1	0	18100	71
70	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	6,72	5,12	1415	2,5	0	391	67,4	-	-	-	67
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	71	1,00	0,04	57	0,3	0	20	65,2	-	-	-	26
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	71	1,00	4,65	160	0,3	1109	20	65,2	-	-	-	73
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	4,80	4,50	639	1,6	350	200	65,2	-	-	-	63
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	7,25	8,56	1266	2,4	283	378	65,2	1	0	15200	69
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	7,27	5,60	1422	2,4	0	381	65,2	-	-	-	69
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	71	1,00	0,04	56	0,3	0	19	65,2	-	-	-	26
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	71	1,00	4,65	156	0,3	1110	19	65,2	-	-	-	73
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	4,80	4,43	609	1,6	350	191	65,2	-	-	-	63
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	7,31	8,50	1218	2,4	284	362	65,2	1	0	15500	70
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	7,42	5,70	1419	2,4	0	371	65,2	-	-	-	69
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	71	1,00	0,06	88	0,3	0	20	67,4	-	-	-	26
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	71	1,00	7,13	182	0,3	1499	20	67,4	-	-	-	76
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	5,20	5,92	721	1,7	450	227	67,4	-	-	-	65
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	7,70	14,64	1409	2,5	661	417	67,4	1	0	17200	72
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	7,19	5,55	1427	2,3	0	374	67,4	-	-	-	69
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	71	1,00	0,06	86	0,3	0	19	67,4	-	-	-	26
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	71	1,00	7,13	179	0,3	1500	19	67,4	-	-	-	76
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	5,20	5,83	686	1,7	450	216	67,4	-	-	-	65
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	7,84	14,54	1370	2,6	642	403	67,4	1	0	17900	72
80	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	7,34	5,64	1419	2,4	0	364	67,4	-	-	-	69
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	65	1,50	0,09	94	0,5	0	36	69,2	-	-	-	31
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	65	1,50	7,40	298	0,5	1137	36	69,2	-	-	-	75
			Yellow	Average	NRVU_BVU	variable speed	Run-around	65	6,00	6,01	909	2,0	300	283	69,2	-	-	-	64
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	7,79	14,32	1405	2,5	640	424	69,2	1	0	17200	70
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	7,86	5,90	0	2,6	0	430	69,2	-	-	-	65
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	65	1,50	0,09	91	0,5	0	35	69,2	-	-	-	31
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	65	1,50	7,39	291	0,5	1137	35	69,2	-	-	-	75
			Yellow	Average	NRVU_BVU	variable speed	Run-around	65	6,00	5,86	860	2,0	300	268	69,2	-	-	-	63
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	7,86	14,34	1340	2,6	652	405	69,2	1	0	17500	70
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	7,86	5,59	1313	2,6	0	405	69,2	-	-	-	65
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	65	1,50	0,14	144	0,5	0	36	68,5	-	-	-	31
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	65	1,50	10,50	320	0,5	1520	36	68,5	-	-	-	78
			Yellow	Average	NRVU_BVU	variable speed	Run-around	65	6,30	7,49	941	2,1	400	289	68,5	-	-	-	65
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	7,82	20,22	1351	2,6	1091	402	68,5	1	0	17600	73
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	7,82	5,66	1335	2,6	0	402	68,5	-	-	-	65

SD with coil heat exchanger

Size	Motor option	In and outle connections	Working point: Colour	Working point: Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
100	1	Duct	Red	Min. - low	NRVU_BVU	variable speed	Run-around	70	1,50	0,04	40	0,3	0	18	69,2	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	70	1,50	7,40	152	0,3	1158	18	69,2	-	-	-	75
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	7,50	6,88	607	1,5	350	192	69,2	-	-	-	65
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	11,21	13,02	1237	2,3	268	357	69,2	1	0	24300	72
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	11,17	8,71	1440	2,3	0	355	69,2	-	-	-	71
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	70	1,50	0,04	39	0,3	0	18	69,2	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	70	1,50	7,40	149	0,3	1158	18	69,2	-	-	-	75
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	7,50	6,78	579	1,5	350	183	69,2	-	-	-	65
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	11,28	12,95	1187	2,3	274	340	69,2	1	0	24700	72
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	11,36	8,87	1436	2,3	0	344	69,2	-	-	-	72
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	70	1,50	0,06	61	0,3	0	18	68,5	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	70	1,50	10,50	163	0,3	1541	18	68,5	-	-	-	78
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	7,50	8,26	621	1,5	450	192	68,5	-	-	-	66
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	12,00	20,88	1327	2,5	597	396	68,5	1	0	26600	74
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	11,22	8,74	1435	2,3	0	357	68,5	-	-	-	71
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	70	1,50	0,06	59	0,3	0	18	68,5	-	-	-	28
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	70	1,50	10,50	160	0,3	1541	18	68,5	-	-	-	78
			Yellow	Average	NRVU_BVU	variable speed	Run-around	66	7,50	8,15	593	1,5	450	183	68,5	-	-	-	66
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	12,00	20,88	1251	2,5	620	374	68,5	1	0	26600	74
120	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	11,42	8,88	1429	2,3	0	346	68,5	-	-	-	72
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	64	2,50	0,19	119	0,5	0	38	69,2	-	-	-	35
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	64	2,50	10,94	290	0,5	1085	38	69,2	-	-	-	77
			Yellow	Average	NRVU_BVU	variable speed	Run-around	65	9,30	9,40	887	1,9	300	267	69,2	-	-	-	66
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	12,30	21,52	1413	2,5	560	411	69,2	1	0	28700	72
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	12,32	9,44	1415	2,5	0	414	69,2	-	-	-	68
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	64	2,50	0,19	116	0,5	0	37	69,2	-	-	-	35
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	64	2,50	10,95	283	0,5	1087	37	69,2	-	-	-	77
			Yellow	Average	NRVU_BVU	variable speed	Run-around	65	9,30	9,19	842	1,9	300	253	69,2	-	-	-	66
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	12,72	21,50	1404	2,6	529	410	69,2	1	0	30500	72
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	Run-around	63	12,67	9,64	1403	2,6	0	406	69,2	-	-	-	68
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	64	2,50	0,26	157	0,5	0	38	68,5	-	-	-	35
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	64	2,50	16,10	324	0,5	1447	38	68,5	-	-	-	80
			Yellow	Average	NRVU_BVU	variable speed	Run-around	65	10,00	12,61	1017	2,0	400	299	68,5	-	-	-	68
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	64	12,03	30,68	1420	2,5	985	398	68,5	1	0	28500	75
		Full face	Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	11,87	9,16	1425	2,4	0	390	68,5	-	-	-	67
			Red	Min. - low	NRVU_BVU	variable speed	Run-around	64	2,50	0,25	153	0,5	0	37	68,5	-	-	-	35
			Red	Min. - high	NRVU_BVU	variable speed	Run-around	64	2,50	16,10	315	0,5	1448	37	68,5	-	-	-	80
			Yellow	Average	NRVU_BVU	variable speed	Run-around	65	10,00	12,34	964	2,0	400	284	68,5	-	-	-	68
			Blue	Max. - high	NRVU_BVU	variable speed	Run-around	63	12,67	31,33	1397	2,6	983	406	68,5	1	0	30400	75
			Red	Max. - low	NRVU_BVU	variable speed	Run-around	64	12,16	9,32	1417	2,5	0	382	68,5	-	-	-	67

Part of information requirements for NRVU according to Regulation (EU) No 1253/2014

SD, without coil heat exchanger, with filter

Size	Working point								Part of information requirements for NRVU according to Regulation (EU) No 1253/2014												
	Motor option	In and outlet connections	Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
								%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
04	Not applic-able	Duct	Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,08	0,01	47	0,3	0	9	64,8	-	not applicable	-	10
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,08	0,27	43	0,3	649	9	64,8	-	not applicable	-	59
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,36	0,23	130	1,3	250	71	64,8	-	not applicable	-	44
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,55	0,47	250	2,0	305	143	64,8	1	not applicable	852	51
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,48	0,15	250	1,8	0	114	64,8	-	not applicable	-	47
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,08	0,01	57	0,3	0	9	64,8	-	not applicable	-	10
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,08	0,31	52	0,3	638	9	64,8	-	not applicable	-	59
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,36	0,26	132	1,3	250	64	64,8	-	not applicable	-	45
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,55	0,47	250	2,0	269	123	64,8	1	not applicable	1090	51
05	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,45	0,15	250	1,7	0	90	64,8	-	not applicable	-	46
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,08	0,01	47	0,3	0	9	65,5	-	not applicable	-	10
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,08	0,47	49	0,3	1010	9	65,5	-	not applicable	-	63
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,40	0,34	152	1,5	350	84	65,5	-	not applicable	-	47
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,54	0,94	250	2,0	779	140	65,5	1	not applicable	848	55
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,48	0,15	250	1,8	0	114	65,5	-	not applicable	-	47
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,08	0,01	57	0,3	0	9	65,5	-	not applicable	-	10
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,08	0,56	60	0,3	997	9	65,5	-	not applicable	-	63
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,40	0,38	152	1,5	350	74	65,5	-	not applicable	-	48
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,55	0,97	250	2,0	691	123	65,5	1	not applicable	1090	55
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,45	0,15	250	1,7	0	90	65,5	-	not applicable	-	46
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,08	0,01	63	0,3	0	9	63,5	-	not applicable	-	10
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,08	0,64	56	0,3	1207	9	63,5	-	not applicable	-	65
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,40	0,45	163	1,5	450	84	63,5	-	not applicable	-	49
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,82	1,25	250	1,9	1656	128	63,5	1	not applicable	835	88
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,43	0,14	250	1,6	0	96	63,5	-	not applicable	-	45
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,08	0,01	58	0,3	0	9	63,5	-	not applicable	-	10
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,08	0,73	65	0,3	1193	9	63,5	-	not applicable	-	65
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,40	0,49	158	1,5	450	74	63,5	-	not applicable	-	50
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,54	1,26	250	2,0	941	119	63,5	1	not applicable	1080	57
07	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,46	0,15	250	1,7	0	91	63,5	-	not applicable	-	46
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,08	0,01	47	0,2	0	5	65,5	-	not applicable	-	10
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,08	0,47	30	0,2	1017	5	65,5	-	not applicable	-	63
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,50	0,44	119	1,2	400	68	65,5	-	not applicable	-	50
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,76	0,86	250	1,8	434	137	65,5	1	not applicable	1070	57
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,66	0,21	250	1,6	0	107	65,5	-	not applicable	-	54
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,08	0,01	44	0,2	0	5	65,5	-	not applicable	-	10
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,08	0,47	29	0,2	1017	5	65,5	-	not applicable	-	64
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,50	0,43	87	1,2	400	50	65,5	-	not applicable	-	50
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,80	0,81	195	1,9	383	101	65,5	1	not applicable	1360	58
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,80	0,25	244	1,9	0	101	65,5	-	not applicable	-	59
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,08	0,01	63	0,2	0	5	63,5	-	not applicable	-	10
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,08	0,64	34	0,2	1214	5	63,5	-	not applicable	-	65
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,50	0,56	126	1,2	500	68	63,5	-	not applicable	-	51
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,76	1,23	250	1,8	700	138	63,5	1	not applicable	1070	58
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,54	0,19	250	1,3	0	78	63,5	-	not applicable	-	50
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,08	0,01	59	0,2	0	5	63,5	-	not applicable	-	10
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,08	0,64	33	0,2	1214	5	63,5	-	not applicable	-	65
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,50	0,55	92	1,2	500	50	63,5	-	not applicable	-	51
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,80	1,20	188	1,8	658	101	63,5	1	not applicable	1310	59
08	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,60	0,22	250	1,4	0	65	63,5	-	not applicable	-	52
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,02	63	0,5	0	17	65,4	-	not applicable	-	22
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	0,76	62	0,5	1012	17	65,4	-	not applicable	-	66
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,70	0,62	206	1,7	350	119	65,4	-	not applicable	-	51
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,77	1,37	250	1,8	803	139	65,4	1	not applicable	1070	56
	2	Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,69	0,22	250	1,7	0	118	65,4	-	not applicable	-	49
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,02	55	0,5	0	15	65,4	-	not applicable	-	22
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	0,85	61	0,5	1005	15	65,4	-	not applicable	-	66
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,70	0,60	150	1,7	350	82	65,4	-	not applicable	-	51
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,97	1,33	250	2,3	563	136	65,4	1	not applicable	1920	57
		Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,76	0,25	250	1,8	0	94	65,4	-	not applicable	-	51
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,02	61	0,5	0	17	67,4	-	not applicable	-	22
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	0,99	68	0,5	1218	17	67,4	-	not applicable	-	68
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,70	0,73	201	1,7	450	119	67,4	-	not applicable	-	52
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,76	1,72	250	1,8	1055	138	67,4	1	not applicable	1070	59
	2	Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,71	0,22	250	1,7	0	121	67,4	-	not applicable	-	49
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,02	53	0,5	0	15	67,4	-	not applicable	-	22
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	1,11	66	0,5	1209	15	67,4	-	not applicable	-	68
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,70	0,72	146	1,7	450	82	67,4	-	not applicable	-	52
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,99	1,74	250	2,4	801	140	67,4	1	not applicable	1940	58
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,79	0,26	250	1,9	0	99	67,4	-	not applicable	-	52

SD, without coil heat exchanger, with filter

Size	Motor option	In and outlet connections	Working point				Part of information requirements for NRVU according to Regulation (EU) No 1253/2014														
			Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
11	1	Duct	Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,02	46	0,3	0	10	65,4	-	not applicable	-	24
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	0,76	36	0,3	1023	10	65,4	-	not applicable	-	66
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,75	0,65	111	1,3	400	64	65,4	-	not applicable	-	52
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,16	1,20	250	2,0	368	130	65,4	1	not applicable	1860	60
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,86	0,30	250	1,5	0	80	65,4	-	not applicable	-	54
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,02	43	0,3	0	9	65,4	-	not applicable	-	24
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	0,76	32	0,3	1024	9	65,4	-	not applicable	-	66
		Full face	Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,75	0,63	84	1,3	400	49	65,4	-	not applicable	-	51
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,18	1,18	189	2,0	372	96	65,4	1	not applicable	1990	60
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,93	0,34	250	1,6	0	67	65,4	-	not applicable	-	56
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,02	45	0,3	0	10	67,4	-	not applicable	-	24
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	0,99	40	0,3	1229	10	67,4	-	not applicable	-	68
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,80	0,83	118	1,4	500	71	67,4	-	not applicable	-	53
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,20	1,61	241	2,0	579	138	67,4	1	not applicable	1820	61
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,89	0,30	250	1,5	0	85	67,4	-	not applicable	-	55
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,02	42	0,3	0	9	67,4	-	not applicable	-	24
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	0,99	35	0,3	1230	9	67,4	-	not applicable	-	68
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	0,80	0,80	89	1,4	500	53	67,4	-	not applicable	-	53
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,20	1,61	171	2,0	619	98	67,4	1	not applicable	1820	61
12	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	0,97	0,34	250	1,6	0	70	67,4	-	not applicable	-	56
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,01	35	0,3	0	10	66,8	-	not applicable	-	17
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	0,90	45	0,3	976	10	66,8	-	not applicable	-	66
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,00	0,69	162	1,7	300	102	66,8	-	not applicable	-	51
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,28	1,76	250	2,2	645	155	66,8	1	not applicable	1930	58
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	1,14	0,35	250	1,9	0	126	66,8	-	not applicable	-	53
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,01	34	0,3	0	9	66,8	-	not applicable	-	17
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	0,90	40	0,3	977	9	66,8	-	not applicable	-	66
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,00	0,64	117	1,7	300	74	66,8	-	not applicable	-	51
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,59	1,58	250	2,7	414	153	66,8	1	not applicable	3070	60
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	1,26	0,40	250	2,1	0	105	66,8	-	not applicable	-	55
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,02	40	0,3	0	10	66,0	-	not applicable	-	17
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	1,23	50	0,3	1203	10	66,0	-	not applicable	-	69
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,00	0,88	165	1,7	400	102	66,0	-	not applicable	-	53
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,26	2,42	250	2,1	951	150	66,0	1	not applicable	1920	60
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	1,13	0,35	250	1,9	0	125	66,0	-	not applicable	-	53
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,02	38	0,3	0	9	66,0	-	not applicable	-	17
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	1,23	45	0,3	1204	9	66,0	-	not applicable	-	69
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,00	0,83	119	1,7	400	74	66,0	-	not applicable	-	52
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,62	2,31	250	2,7	691	157	66,0	1	not applicable	3100	61
14	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	1,26	0,41	250	2,1	0	106	66,0	-	not applicable	-	55
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,01	34	0,2	0	8	66,8	-	not applicable	-	18
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	0,91	35	0,2	981	8	66,8	-	not applicable	-	69
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,10	0,76	83	1,2	350	52	66,8	-	not applicable	-	54
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	1,38	197	2,0	253	98	66,8	1	not applicable	2790	64
	2	Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	1,46	0,51	250	1,6	0	75	66,8	-	not applicable	-	60
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,01	34	0,2	0	8	66,8	-	not applicable	-	18
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	0,91	35	0,2	981	8	66,8	-	not applicable	-	69
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,10	0,76	79	1,2	350	50	66,8	-	not applicable	-	54
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	1,38	184	2,0	259	92	66,8	1	not applicable	2800	64
	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	1,48	0,53	250	1,6	0	72	66,8	-	not applicable	-	60
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,02	38	0,2	0	8	66,0	-	not applicable	-	18
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	1,23	39	0,2	1208	8	66,0	-	not applicable	-	71
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,20	1,06	92	1,3	450	58	66,0	-	not applicable	-	56
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	2,13	162	2,0	568	98	66,0	1	not applicable	2300	64
	2	Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	1,47	0,51	250	1,6	0	75	66,0	-	not applicable	-	60
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,20	0,02	38	0,2	0	8	66,0	-	not applicable	-	18
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,20	1,23	38	0,2	1208	8	66,0	-	not applicable	-	71
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,20	1,05	88	1,3	450	55	66,0	-	not applicable	-	56
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	2,13	151	2,0	575	92	66,0	1	not applicable	2300	64
20	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	1,49	0,53	250	1,7	0	72	66,0	-	not applicable	-	60
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,30	0,02	25	0,3	0	12	66,7	-	not applicable	-	15
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,30	1,32	52	0,3	989	12	66,7	-	not applicable	-	65
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,60	1,18	131	1,8	350	84	66,7	-	not applicable	-	54
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,53	2,41	250	2,8	365	143	66,7	1	not applicable	4450	62
	2	Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	2,44	2,49	250	2,7	413	148	66,7	1	not applicable	4020	61
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1,91	0,61	250	2,1	0	106	66,7	-	not applicable	-	55
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,30	0,02	25	0,3	0	12	66,7	-	not applicable	-	15
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,30	1,33	51	0,3	990	12	66,7	-	not applicable	-	65
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	1,55	156	2,0	400	98	65,7	-	not applicable	-	56
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	2,52	3,57	250	2,8	675	155	65,7	1	not applicable	4080	63
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1,89	0,61	250	2,1	0	105	65,7	-	not applicable	-	55
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,30	0,02	32	0,3	0	12	65,7	-	not applicable	-	15
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,30	1,79	56	0,3	1220	12	65,7	-	not applicable	-	67
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,80	1,53	146	2,0	400	92	65,7	-	not applicable	-	56
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,85	3,45	250	2,9	592	152	65,7	1	not applicable	4560	63
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	1,94	0,63	250	2,1	0	101	65,7	-	not applicable	-	55

SD, without coil heat exchanger, with filter

Size	Motor option	In and outlet connections	Working point		Part of information requirements for NRVU according to Regulation (EU) No 1253/2014																
			Colour	Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
25	1	Duct	Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,30	0,01	22	0,2	0	8	66,7	-	not applicable	-	15
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,30	1,32	34	0,2	996	8	66,7	-	not applicable	-	65
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,60	1,09	79	1,2	350	51	66,7	-	not applicable	-	53
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,78	2,16	222	2,0	227	103	66,7	1	not applicable	4780	63
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	2,21	0,77	250	1,6	0	76	66,7	-	not applicable	-	58
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,30	0,01	22	0,2	0	9	66,7	-	not applicable	-	15
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,30	1,32	40	0,2	994	9	66,7	-	not applicable	-	65
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,60	1,11	88	1,2	350	56	66,7	-	not applicable	-	53
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,78	2,17	239	2,0	220	111	66,7	1	not applicable	5450	63
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	2,16	0,74	250	1,6	0	81	66,7	-	not applicable	-	58
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,30	0,02	26	0,2	0	8	65,7	-	not applicable	-	15
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,30	1,78	37	0,2	1226	8	65,7	-	not applicable	-	67
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,80	1,59	93	1,3	450	59	65,7	-	not applicable	-	56
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,80	3,28	178	2,0	530	104	65,7	1	not applicable	3840	64
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	2,22	0,77	250	1,6	0	77	65,7	-	not applicable	-	58
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,30	0,02	26	0,2	0	9	65,7	-	not applicable	-	15
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,30	1,79	44	0,2	1224	9	65,7	-	not applicable	-	67
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	1,80	1,60	103	1,3	450	65	65,7	-	not applicable	-	56
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,80	3,28	191	2,0	522	112	65,7	1	not applicable	4380	64
30	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	2,17	0,74	250	1,6	0	81	65,7	-	not applicable	-	58
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,50	0,03	26	0,4	0	13	65,2	-	not applicable	-	20
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,50	2,28	54	0,4	1100	13	65,2	-	not applicable	-	67
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	2,50	1,68	143	1,8	300	89	65,2	-	not applicable	-	56
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	3,63	4,25	250	2,6	495	148	65,2	1	not applicable	6020	63
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	2,68	0,88	250	2,0	0	98	65,2	-	not applicable	-	56
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,50	0,03	28	0,4	0	16	65,2	-	not applicable	-	20
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,50	2,29	63	0,4	1097	16	65,2	-	not applicable	-	67
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	2,50	1,71	154	1,8	300	97	65,2	-	not applicable	-	56
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	3,52	4,34	250	2,6	540	150	65,2	1	not applicable	6520	63
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	2,61	0,84	250	1,9	0	102	65,2	-	not applicable	-	55
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,50	0,03	27	0,4	0	13	67,2	-	not applicable	-	20
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,50	2,74	58	0,4	1245	13	67,2	-	not applicable	-	69
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	2,60	2,45	150	1,9	450	94	67,2	-	not applicable	-	58
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	3,67	5,32	250	2,7	670	150	67,2	1	not applicable	6050	64
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	2,65	0,87	250	1,9	0	97	67,2	-	not applicable	-	56
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,50	0,03	29	0,4	0	16	67,2	-	not applicable	-	20
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,50	2,74	67	0,4	1242	16	67,2	-	not applicable	-	69
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	2,60	2,48	162	1,9	450	102	67,2	-	not applicable	-	58
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	3,55	5,41	250	2,6	722	151	67,2	1	not applicable	6560	64
35	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	2,59	0,84	250	1,9	0	101	67,2	-	not applicable	-	55
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,50	0,02	23	0,3	0	9	65,2	-	not applicable	-	20
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,50	2,29	36	0,3	1111	9	65,2	-	not applicable	-	67
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	2,50	1,76	88	1,3	350	56	65,2	-	not applicable	-	56
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	4,00	3,90	209	2,1	340	103	65,2	1	not applicable	6280	65
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	3,05	1,08	250	1,6	0	71	65,2	-	not applicable	-	59
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,50	0,02	22	0,3	0	8	65,2	-	not applicable	-	20
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,50	2,29	34	0,3	1111	8	65,2	-	not applicable	-	67
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	2,50	1,73	77	1,3	350	48	65,2	-	not applicable	-	56
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	4,00	3,90	170	2,1	360	84	65,2	1	not applicable	6280	65
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	3,18	1,17	250	1,7	0	63	65,2	-	not applicable	-	60
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,50	0,02	22	0,3	0	9	67,2	-	not applicable	-	20
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,50	2,74	38	0,3	1256	9	67,2	-	not applicable	-	69
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	2,70	2,41	98	1,4	450	61	67,2	-	not applicable	-	58
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	4,00	5,01	181	2,1	561	103	67,2	1	not applicable	5420	65
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	3,03	1,08	250	1,6	0	71	67,2	-	not applicable	-	59
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,50	0,02	22	0,3	0	8	67,2	-	not applicable	-	20
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,50	2,74	37	0,3	1256	8	67,2	-	not applicable	-	69
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	2,70	2,36	84	1,4	450	52	67,2	-	not applicable	-	58
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	4,00	5,01	147	2,1	580	84	67,2	1	not applicable	5420	65
40	1	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	3,17	1,17	250	1,7	0	63	67,2	-	not applicable	-	60
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,75	0,03	21	0,4	0	14	70,5	-	not applicable	-	22
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,75	2,30	49	0,4	831	14	70,5	-	not applicable	-	66
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	3,00	1,86	109	1,6	300	70	70,5	-	not applicable	-	55
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	5,00	3,70	247	2,6	250	140	70,5	1	not applicable	8060	63
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	4,15	1,33	250	2,2	0	108	70,5	-	not applicable	-	59
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,75	0,03	20	0,4	0	13	70,5	-	not applicable	-	22
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,75	3,57	53	0,4	1137	13	70,5	-	not applicable	-	69
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	3,00	1,81	92	1,6	300	59	70,5	-	not applicable	-	55
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	5,00	5,97	250	3,1	375	136	70,5	1	not applicable	11400	67
	2	Duct	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	4,42	1,46	250	2,3	0	94	70,5	-	not applicable	-	60
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,75	0,03	21	0,4	0	14	69,2	-	not applicable	-	22
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,75	3,56	56	0,4	1136	14	69,2	-	not applicable	-	69
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	3,50	2,91	135	1,8	400	86	69,2	-	not applicable	-	58
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	5,26	6,69	250	2,7	565	150	69,2	1	not applicable	8330	65
	2	Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	4,15	1,33	250	2,2	0	108	69,2	-	not applicable	-	59
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0,75	0,03	23	0,4	0	13	69,2	-	not applicable	-	22
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0,75	5,25	59	0,4	1506	13	69,2	-	not applicable	-	72
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	3,50	2,93	117	1,8	400	71	69,2	-	not applicable	-	58
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	6,00	10,43	235	3,1	839	139	69,2	1	not applicable	10800	68
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	4,38	1,45	250	2,3	0	93	69,2	-	not applicable	-	60

SD, without coil heat exchanger, with filter

Size	Motor option	In and outlet connections	Working point		AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
			Colour	Remark	Part of information requirements for NRVU according to Regulation (EU) No 1253/2014														
50	1	Duct	Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0.60	0.03	22	0.2	0	8	66.7	-	not applicable	-	18
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0.60	2.65	34	0.2	998	8	66.7	-	not applicable	-	68
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	3.30	2.28	85	1.2	350	54	66.7	-	not applicable	-	57
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	5.80	4.40	220	2.1	249	106	66.7	1	not applicable	8950	66
		Full face	Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	4.38	1.51	250	1.6	0	78	66.7	-	not applicable	-	61
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0.75	0.03	19	0.3	0	12	66.7	-	not applicable	-	22
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0.75	3.57	47	0.3	1141	12	66.7	-	not applicable	-	69
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	3.30	2.28	89	1.2	350	57	66.7	-	not applicable	-	56
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	6.00	5.83	219	2.2	359	115	66.7	1	not applicable	11100	67
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	4.62	1.57	250	1.7	0	84	66.7	-	not applicable	-	61
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0.60	0.03	26	0.2	0	8	65.7	-	not applicable	-	18
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0.60	3.58	37	0.2	1228	8	65.7	-	not applicable	-	70
		Duct	Yellow	Average	NRVU_BVU	variable speed	none	not applicable	3.60	3.49	96	1.3	500	61	65.7	-	not applicable	-	59
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	5.60	6.56	187	2.1	524	109	65.7	1	not applicable	7630	67
	2		Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	4.39	1.52	250	1.6	0	78	65.7	-	not applicable	-	61
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	0.75	0.03	20	0.3	0	12	65.7	-	not applicable	-	22
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	0.75	5.25	53	0.3	1510	12	65.7	-	not applicable	-	72
		Full face	Yellow	Average	NRVU_BVU	variable speed	none	not applicable	3.60	3.62	103	1.3	500	63	65.7	-	not applicable	-	59
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	6.00	10.44	195	2.2	863	115	65.7	1	not applicable	9910	68
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	4.60	1.56	250	1.7	0	83	65.7	-	not applicable	-	61
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1.00	0.04	20	0.4	0	13	65.2	-	not applicable	-	23
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	1.00	4.64	55	0.4	1109	13	65.2	-	not applicable	-	70
		Duct	Yellow	Average	NRVU_BVU	variable speed	none	not applicable	5.20	3.60	158	1.9	300	98	65.2	-	not applicable	-	60
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	7.07	8.69	250	2.6	541	151	65.2	1	not applicable	11100	66
	1		Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	5.47	1.76	250	2.0	0	106	65.2	-	not applicable	-	59
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1.00	0.04	22	0.4	0	16	65.2	-	not applicable	-	23
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	1.00	4.65	64	0.4	1106	16	65.2	-	not applicable	-	70
		Full face	Yellow	Average	NRVU_BVU	variable speed	none	not applicable	5.20	3.57	156	1.9	300	97	65.2	-	not applicable	-	60
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	7.85	8.39	250	2.7	480	148	65.2	1	not applicable	14500	67
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	5.52	1.78	250	2.1	0	104	65.2	-	not applicable	-	60
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1.00	0.06	30	0.4	0	13	67.4	-	not applicable	-	23
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	1.00	7.12	63	0.4	1499	13	67.4	-	not applicable	-	73
		Duct	Yellow	Average	NRVU_BVU	variable speed	none	not applicable	5.40	4.75	167	2.0	400	104	67.4	-	not applicable	-	61
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	7.03	14.91	250	2.6	1070	150	67.4	1	not applicable	11100	68
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	5.32	1.72	250	2.0	0	102	67.4	-	not applicable	-	59
	2		Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1.00	0.07	35	0.4	0	16	67.4	-	not applicable	-	23
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	1.00	7.13	73	0.4	1496	16	67.4	-	not applicable	-	73
		Full face	Yellow	Average	NRVU_BVU	variable speed	none	not applicable	5.40	4.71	163	2.0	400	101	67.4	-	not applicable	-	61
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	7.39	14.81	250	2.8	997	149	67.4	1	not applicable	14500	69
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	5.36	1.74	250	2.0	0	100	67.4	-	not applicable	-	59
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1.00	0.03	15	0.3	0	10	65.2	-	not applicable	-	23
		Duct	Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	1.00	4.66	40	0.3	1118	10	65.2	-	not applicable	-	70
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	5.50	4.06	115	1.8	350	71	65.2	-	not applicable	-	61
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	7.95	7.66	216	2.6	363	116	65.2	1	not applicable	12300	68
	1		Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	6.13	2.09	250	2.0	0	82	65.2	-	not applicable	-	62
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1.00	0.03	15	0.3	0	9	65.2	-	not applicable	-	23
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	1.00	4.65	39	0.3	1118	9	65.2	-	not applicable	-	70
		Full face	Yellow	Average	NRVU_BVU	variable speed	none	not applicable	5.50	3.96	95	1.8	350	59	65.2	-	not applicable	-	61
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	7.95	7.67	169	2.6	389	91	65.2	1	not applicable	12300	68
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	6.48	2.30	250	2.1	0	71	65.2	-	not applicable	-	63
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1.00	0.04	23	0.3	0	10	67.4	-	not applicable	-	23
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	1.00	7.13	46	0.3	1508	10	67.4	-	not applicable	-	73
		Duct	Yellow	Average	NRVU_BVU	variable speed	none	not applicable	5.60	5.15	117	1.8	450	73	67.4	-	not applicable	-	62
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	8.00	14.40	200	2.6	884	117	67.4	1	not applicable	14400	69
	2		Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	6.01	2.07	250	2.0	0	80	67.4	-	not applicable	-	61
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1.00	0.04	22	0.3	0	9	67.4	-	not applicable	-	23
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	1.00	7.13	44	0.3	1508	9	67.4	-	not applicable	-	73
		Full face	Yellow	Average	NRVU_BVU	variable speed	none	not applicable	5.60	5.03	97	1.8	450	60	67.4	-	not applicable	-	62
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	8.00	14.40	156	2.6	910	91	67.4	1	not applicable	11400	69
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	6.37	2.28	250	2.1	0	70	67.4	-	not applicable	-	63
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1.50	0.05	18	0.5	0	15	69.2	-	not applicable	-	25
		Duct	Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	1.50	7.41	64	0.5	1154	15	69.2	-	not applicable	-	72
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	7.50	6.53	170	2.4	400	107	69.2	-	not applicable	-	62
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	11.41	12.70	250	3.7	443	141	69.2	1	not applicable	22700	69
	1		Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	9.72	14.04	250	3.2	685	154	69.2	1	not applicable	15400	67
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	7.78	2.46	250	2.5	0	113	69.2	-	not applicable	-	60
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1.50	0.05	17	0.5	0	14	69.2	-	not applicable	-	25
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	1.50	7.40	60	0.5	1154	14	69.2	-	not applicable	-	72
		Full face	Yellow	Average	NRVU_BVU	variable speed	none	not applicable	7.50	6.24	134	2.4	400	85	69.2	-	not applicable	-	62
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	11.41	12.70	250	3.7	443	141	69.2	1	not applicable	22700	69
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	8.46	2.76	250	2.8	0	98	69.2	-	not applicable	-	62
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1.50	0.08	27	0.5	0	15	68.5	-	not applicable	-	25
		Duct	Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	1.50	10.51	68	0.5	1537	15	68.5	-	not applicable	-	75
			Yellow	Average	NRVU_BVU	variable speed	none	not applicable	8.00	8.06	192	2.8	450	117	68.5	-	not applicable	-	63
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	9.80	21.74	250	3.2	1174	155	68.5	1	not applicable	15500	70
	2		Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	7.84	2.48	250	2.6	0	114	68.5	-	not applicable	-	61
			Red	Min. - low	NRVU_BVU	variable speed	none	not applicable	1.50	0.08	25	0.5	0	14	68.5	-	not applicable	-	25
			Red	Min. - high	NRVU_BVU	variable speed	none	not applicable	1.50	10.51	64	0.5	1538	14	68.5	-	not applicable	-	75
		Full face	Yellow	Average	NRVU_BVU	variable speed	none	not applicable	8.00	7.70	150	2.6	450	91	68.5	-	not applicable	-	63
			Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	11.94	20.93	250	3.9	850	150	68.5	1	not applicable	23300	71
			Red	Max. - low	NRVU_BVU	variable speed	none	not applicable	8.56	2.79	250	2.8	0	99	68.5	-	not applicable	-	62

SD, without coil heat exchanger, with filter

Size	Motor option	In and outlet connections	Working point: Colour	Working point: Remark	Part of information requirements for NRVU according to Regulation (EU) No 1253/2014: AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
100	1	Duct	Red	Min. - low	NRVU, BVU	variable speed	none	not applicable	1,50	0,03	10	0,3	0	9	69,2	-	not applicable	-	25
			Red	Min. - high	NRVU, BVU	variable speed	none	not applicable	1,50	7,40	39	0,3	1164	9	69,2	-	not applicable	-	72
			Yellow	Average	NRVU, BVU	variable speed	none	not applicable	8,00	6,49	103	1,6	400	64	69,2	-	not applicable	-	63
			Blue	Max. - high	NRVU, BVU	variable speed	none	not applicable	11,50	12,67	183	2,4	467	103	69,2	1	not applicable	16100	69
		Full face	Red	Max. - low	NRVU, BVU	variable speed	none	not applicable	9,42	3,25	250	1,9	0	79	69,2	-	not applicable	-	65
			Red	Min. - low	NRVU, BVU	variable speed	none	not applicable	1,50	0,03	10	0,3	0	9	69,2	-	not applicable	-	25
			Red	Min. - high	NRVU, BVU	variable speed	none	not applicable	1,50	7,39	38	0,3	1164	9	69,2	-	not applicable	-	72
			Yellow	Average	NRVU, BVU	variable speed	none	not applicable	8,00	6,36	87	1,6	400	54	69,2	-	not applicable	-	63
			Blue	Max. - high	NRVU, BVU	variable speed	none	not applicable	11,50	12,66	146	2,4	487	82	69,2	1	not applicable	16100	69
	2	Duct	Red	Max. - low	NRVU, BVU	variable speed	none	not applicable	9,99	3,57	250	2,0	0	70	69,2	-	not applicable	-	66
			Red	Min. - low	NRVU, BVU	variable speed	none	not applicable	1,50	0,04	15	0,3	0	9	68,5	-	not applicable	-	25
			Red	Min. - high	NRVU, BVU	variable speed	none	not applicable	1,50	10,51	42	0,3	1548	9	68,5	-	not applicable	-	75
			Yellow	Average	NRVU, BVU	variable speed	none	not applicable	8,00	8,04	105	1,6	500	64	68,5	-	not applicable	-	63
			Blue	Max. - high	NRVU, BVU	variable speed	none	not applicable	12,00	20,88	182	2,5	881	109	69,5	1	not applicable	16300	71
		Full face	Red	Max. - low	NRVU, BVU	variable speed	none	not applicable	9,54	3,28	250	2,0	0	80	68,5	-	not applicable	-	65
			Red	Min. - low	NRVU, BVU	variable speed	none	not applicable	1,50	0,04	15	0,3	0	9	68,5	-	not applicable	-	25
			Red	Min. - high	NRVU, BVU	variable speed	none	not applicable	1,50	10,50	41	0,3	1548	9	68,5	-	not applicable	-	75
			Yellow	Average	NRVU, BVU	variable speed	none	not applicable	8,00	7,92	89	1,6	500	54	68,5	-	not applicable	-	63
			Blue	Max. - high	NRVU, BVU	variable speed	none	not applicable	12,00	20,87	145	2,5	903	86	68,5	1	not applicable	16300	71
120	1	Duct	Red	Max. - low	NRVU, BVU	variable speed	none	not applicable	10,08	3,60	250	2,1	0	70	68,5	-	not applicable	-	66
			Red	Min. - low	NRVU, BVU	variable speed	none	not applicable	2,50	0,12	25	0,5	0	16	69,2	-	not applicable	-	29
			Red	Min. - high	NRVU, BVU	variable speed	none	not applicable	2,50	10,96	63	0,5	1104	16	69,2	-	not applicable	-	74
			Yellow	Average	NRVU, BVU	variable speed	none	not applicable	11,00	7,89	162	2,3	300	97	69,2	-	not applicable	-	63
			Blue	Max. - high	NRVU, BVU	variable speed	none	not applicable	14,81	20,43	250	3,0	607	145	69,2	1	not applicable	24400	69
		Full face	Red	Max. - low	NRVU, BVU	variable speed	none	not applicable	11,47	3,71	250	2,3	0	102	69,2	-	not applicable	-	62
			Red	Min. - low	NRVU, BVU	variable speed	none	not applicable	2,50	0,12	24	0,5	0	15	69,2	-	not applicable	-	29
			Red	Min. - high	NRVU, BVU	variable speed	none	not applicable	2,50	10,95	59	0,5	1104	15	69,2	-	not applicable	-	74
			Yellow	Average	NRVU, BVU	variable speed	none	not applicable	11,00	7,53	131	2,3	300	78	69,2	-	not applicable	-	63
			Blue	Max. - high	NRVU, BVU	variable speed	none	not applicable	15,60	19,58	208	3,2	546	118	69,2	1	not applicable	27500	70
	2	Duct	Red	Max. - low	NRVU, BVU	variable speed	none	not applicable	12,17	4,09	250	2,5	0	88	69,2	-	not applicable	-	63
			Red	Min. - low	NRVU, BVU	variable speed	none	not applicable	2,50	0,16	33	0,5	0	16	68,5	-	not applicable	-	29
			Red	Min. - high	NRVU, BVU	variable speed	none	not applicable	2,50	16,11	70	0,5	1465	16	68,5	-	not applicable	-	77
			Yellow	Average	NRVU, BVU	variable speed	none	not applicable	11,50	10,95	160	2,4	400	103	68,5	-	not applicable	-	64
			Blue	Max. - high	NRVU, BVU	variable speed	none	not applicable	14,89	32,83	250	3,0	1087	147	68,5	1	not applicable	24500	72
		Full face	Red	Max. - low	NRVU, BVU	variable speed	none	not applicable	10,64	3,52	250	2,2	0	93	68,5	-	not applicable	-	60
			Red	Min. - low	NRVU, BVU	variable speed	none	not applicable	2,50	0,15	31	0,5	0	15	68,5	-	not applicable	-	29
			Red	Min. - high	NRVU, BVU	variable speed	none	not applicable	2,50	16,11	66	0,5	1466	15	68,5	-	not applicable	-	77
			Yellow	Average	NRVU, BVU	variable speed	none	not applicable	11,50	10,54	144	2,4	400	82	68,5	-	not applicable	-	64
			Blue	Max. - high	NRVU, BVU	variable speed	none	not applicable	15,80	32,62	207	3,2	1028	120	68,5	1	not applicable	27600	72
			Red	Max. - low	NRVU, BVU	variable speed	none	not applicable	11,27	3,87	250	2,3	0	80	68,5	-	not applicable	-	62

SD, fan only

Size	Motor option	In and outlet connections	Working point: Colour	Working point: Remark	AHU type	Type of drive	Type of HRS	Thermal efficiency	Nominal flow rate	Effective electric power	SFPint	Face velocity	Nominal external pressure	Internal pressure drop vent. comp.	Overall fan efficiency (EU) No 327/2011	Maximum external leaking rate	Maximum internal leakage	Energy performance of filters	Casing sound power level, LwA
			Part of information requirements for NRVU according to Regulation (EU) No 1253/2014					%	m³/s	kW	W/(m³/s)	m/s	Pa	Pa	%	%	%	kWh/year	dB(A)
04	Not applic-	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,60	0,45	not applicable	2,2	360	54	64,8	1	not applicable	not applicable	52
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,60	0,45	not applicable	2,2	338	12	64,8	1	not applicable	not applicable	52
05	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,80	0,81	not applicable	2,9	431	96	65,5	1	not applicable	not applicable	58
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,78	0,85	not applicable	2,8	456	19	65,5	1	not applicable	not applicable	58
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,80	1,20	not applicable	2,9	713	96	63,5	1	not applicable	not applicable	59
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,80	1,15	not applicable	2,9	668	20	63,5	1	not applicable	not applicable	59
07	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,80	0,81	not applicable	1,9	463	64	65,5	1	not applicable	not applicable	58
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,80	0,81	not applicable	1,9	523	4	65,5	1	not applicable	not applicable	58
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,80	1,20	not applicable	1,9	745	64	63,5	1	not applicable	not applicable	59
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	0,80	1,20	not applicable	1,9	805	4	63,5	1	not applicable	not applicable	59
08	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,18	1,19	not applicable	2,8	370	139	65,4	1	not applicable	not applicable	60
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,14	1,20	not applicable	2,7	519	8	65,4	1	not applicable	not applicable	59
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,20	1,61	not applicable	2,9	623	144	67,4	1	not applicable	not applicable	61
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,20	1,58	not applicable	2,9	693	9	67,4	1	not applicable	not applicable	61
11	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,18	1,19	not applicable	2,0	467	42	65,4	1	not applicable	not applicable	60
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,18	1,19	not applicable	2,0	506	3	65,4	1	not applicable	not applicable	60
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,20	1,61	not applicable	2,0	724	43	67,4	1	not applicable	not applicable	61
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,20	1,61	not applicable	2,0	764	3	67,4	1	not applicable	not applicable	61
12	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	1,38	not applicable	3,1	284	97	66,8	1	not applicable	not applicable	63
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	1,38	not applicable	3,1	374	7	66,8	1	not applicable	not applicable	63
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	2,13	not applicable	3,1	619	97	66,0	1	not applicable	not applicable	63
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	2,13	not applicable	3,1	709	7	66,0	1	not applicable	not applicable	63
14	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	1,38	not applicable	2,0	362	19	66,8	1	not applicable	not applicable	64
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	1,38	not applicable	2,0	368	13	66,8	1	not applicable	not applicable	64
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	2,13	not applicable	2,0	697	19	66,0	1	not applicable	not applicable	64
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	1,80	2,13	not applicable	2,0	704	13	66,0	1	not applicable	not applicable	64
20	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,78	2,16	not applicable	3,1	314	46	66,7	1	not applicable	not applicable	63
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,78	2,16	not applicable	3,1	330	30	66,7	1	not applicable	not applicable	63
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,80	3,28	not applicable	3,1	637	46	65,7	1	not applicable	not applicable	64
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,80	3,28	not applicable	3,1	653	30	65,7	1	not applicable	not applicable	64
25	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,78	2,17	not applicable	2,0	340	20	66,7	1	not applicable	not applicable	63
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,78	2,17	not applicable	2,0	351	9	66,7	1	not applicable	not applicable	63
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,80	3,28	not applicable	2,0	663	20	65,7	1	not applicable	not applicable	64
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	2,80	3,28	not applicable	2,0	674	9	65,7	1	not applicable	not applicable	64
30	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	4,00	3,92	not applicable	2,9	442	42	65,2	1	not applicable	not applicable	65
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	4,00	3,92	not applicable	2,9	465	19	65,2	1	not applicable	not applicable	65
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	4,00	5,01	not applicable	2,9	672	42	67,2	1	not applicable	not applicable	65
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	4,00	5,02	not applicable	2,9	695	19	67,2	1	not applicable	not applicable	65
35	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	4,00	3,92	not applicable	2,1	460	24	65,2	1	not applicable	not applicable	65
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	4,00	3,92	not applicable	2,1	479	5	65,2	1	not applicable	not applicable	65
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	4,00	5,02	not applicable	2,1	690	24	67,2	1	not applicable	not applicable	65
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	4,00	5,01	not applicable	2,1	709	5	67,2	1	not applicable	not applicable	65
40	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	5,00	3,72	not applicable	2,6	386	38	70,5	1	not applicable	not applicable	63
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	6,00	5,86	not applicable	3,1	503	11	70,5	1	not applicable	not applicable	67
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	6,00	5,86	not applicable	3,1	460	54	69,2	1	not applicable	not applicable	67
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	6,00	10,43	not applicable	3,1	1017	11	69,2	1	not applicable	not applicable	68
50	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	5,50	4,40	not applicable	2,1	361	25	66,7	1	not applicable	not applicable	66
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	6,00	5,87	not applicable	2,2	512	2	66,7	1	not applicable	not applicable	67
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	5,60	6,56	not applicable	2,1	657	26	65,7	1	not applicable	not applicable	67
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	6,00	10,44	not applicable	2,2	1026	2	65,7	1	not applicable	not applicable	68
60	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	7,95	7,72	not applicable	3,0	470	53	65,2	1	not applicable	not applicable	68
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	7,95	7,72	not applicable	3,0	519	4	65,2	1	not applicable	not applicable	69
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	8,00	14,41	not applicable	3,0	998	54	67,4	1	not applicable	not applicable	69
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	8,00	14,41	not applicable	3,0	1048	4	67,4	1	not applicable	not applicable	69
70	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	7,95	7,72	not applicable	2,6	496	27	65,2	1	not applicable	not applicable	68
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	7,95	7,71	not applicable	2,6	521	2	65,2	1	not applicable	not applicable	68
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	8,00	14,41	not applicable	2,6	1024	28	67,4	1	not applicable	not applicable	69
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	8,00	14,41	not applicable	2,6	1050	2	67,4	1	not applicable	not applicable	69
80	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	11,50	12,69	not applicable	3,8	563	57	69,2	1	not applicable	not applicable	69
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	11,50	12,68	not applicable	3,8	616	4	69,2	1	not applicable	not applicable	69
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	12,00	20,88	not applicable	3,9	978	62	68,5	1	not applicable	not applicable	71
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	12,00	20,89	not applicable	3,9	1036	4	68,5	1	not applicable	not applicable	71
100	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	11,50	12,69	not applicable	2,4	599	21	69,2	1	not applicable	not applicable	69
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	11,50	12,68	not applicable	2,4	619	1	69,2	1	not applicable	not applicable	69
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	12,00	20,89	not applicable	2,5	1017	23	68,5	1	not applicable	not applicable	71
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	12,00	20,88	not applicable	2,5	1039	1	68,5	1	not applicable	not applicable	71
120	1	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	15,60	19,59	not applicable	3,2	676	39	69,2	1	not applicable	not applicable	70
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	15,60	19,60	not applicable	3,2	714	1	69,2	1	not applicable	not applicable	70
	2	Duct	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	15,80	32,61	not applicable	3,2	1158	40	68,5	1	not applicable	not applicable	72
		Full face	Blue	Max. - high	NRVU_BVU	variable speed	none	not applicable	15,80	32,61	not applicable	3,2	1197	1	68,5	1	not applicable	not applicable	72

7.3 Building Materials Declaration

For a complete Declaration of Construction Materials, see our home page at www.swegon.com under Products & Services.

All documentation is available in digital form and can be downloaded from www.swegon.com