

Installation Instructions

GLOBAL PX/RX/LP/LP OUT

GLOBAL PX/RX/LP/LP OUT

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1.0 Installation instructions

Applicable for the following units

EXCHANGER	SIZES	INTEGRATED PRE-HEATING	INTEGRATED POST-HEATING	HANDING	FAN
GLOBAL PX^{FW} Counterflow	800/1200/2000/ 3000/4000/6000	Yes, electrical	Yes, electrical or water	Left / Right	Forward (FW)
GLOBAL PX Counterflow	04/05/08/10/12/ 13/14/16/20/24/26	Yes, electrical	Yes, electrical or water	Left / Right	Backward
GLOBAL PX TOP^{FW} Counterflow	800/1200/2000	Yes, electrical	Yes, electrical or water	Right	Forward (FW)
GLOBAL PX TOP	05/08/10/12/14/18	Yes, electrical	Yes, electrical or water	Left / Right	Backward
GLOBAL RX Rotary	05/08/10/12/13/ 14/16/18/20/24/26	No	Yes, electrical or water	Left / Right	Backward
GLOBAL RX TOP Rotary	05/08/10/12/ 13/14/16	No	Yes, electrical or water	Left / Right	Backward
GLOBAL LP^{FW} Counterflow	450/600/1000/ 1300/1600/2000	Yes, electrical	No	Left / Right	Forward (FW)
GLOBAL LP Counterflow	02/04/06/08 10/12/13/14/16/18	Yes, electrical	Yes, electrical or water	Left / Right	Backward
GLOBAL LP OUT Counterflow	08/10	Yes, electrical	Yes, electrical or water	Left / Right	Backward

Disclaimer

Danger/Warning/Caution

- All relevant staff must acquaint themselves with these instructions before beginning any work on the unit. Any damage to the unit or its components caused by improper handling or misuse by the purchaser or the installer are not covered by the guarantee if these instructions have not been followed correctly.
- Make sure that the mains supply to the unit is disconnected before performing any maintenance or electrical work!
- All electrical connections must be made by a qualified electrician and in accordance with local rules and regulations.
- There is still risk of injury due to rotating parts that have not come to a complete standstill even though the mains supply to the unit has been disconnected.
- Beware of sharp edges during assembly and maintenance. Make sure that a proper lifting device is used. Wear protective clothing.
- The unit may only be operated with the doors and panels closed.
- If the unit is installed in a cold location make sure that all joints are covered with insulation and are well taped.
- Duct connections/duct ends should be covered during storage and installation, in order to avoid condensation inside of the unit.
- Check that there are no foreign objects in unit, ducting system or functional sections.
- The unit is packed to prevent damage of the external and internal parts of the unit, dust and moisture penetration. If the unit is not to be installed immediately, it should be stored in a clean, dry area. If stored externally, it should be adequately protected from the weather influences.
- If the filter or any other spare parts are not replaced as the original model, Swegon cannot be responsible for any damages that might occur on the unit or on all the installation.

RANGE OF APPLICATION

The GLOBAL units are designed for use in comfort ventilation applications.

Depending on the variant selected, GLOBAL units can be utilised in buildings such as office buildings, schools, day nurseries, public buildings, shops, residential buildings, etc.



















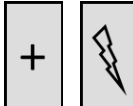


GLOBAL units equipped with plate heat exchangers (PX) can also be used for the ventilation of moderately humid buildings; however not where the humidity is continuously high, such as in indoor swimming baths, saunas, spas or wellness centres.

Please do contact us if you have a need for a unit that is suited for such an application

HOW TO READ THIS DOCUMENT

Please make sure that you have read and understood the safety precautions below. For new users, please read the chapter where the Symbols and Abbreviations used for GLOBAL are listed.

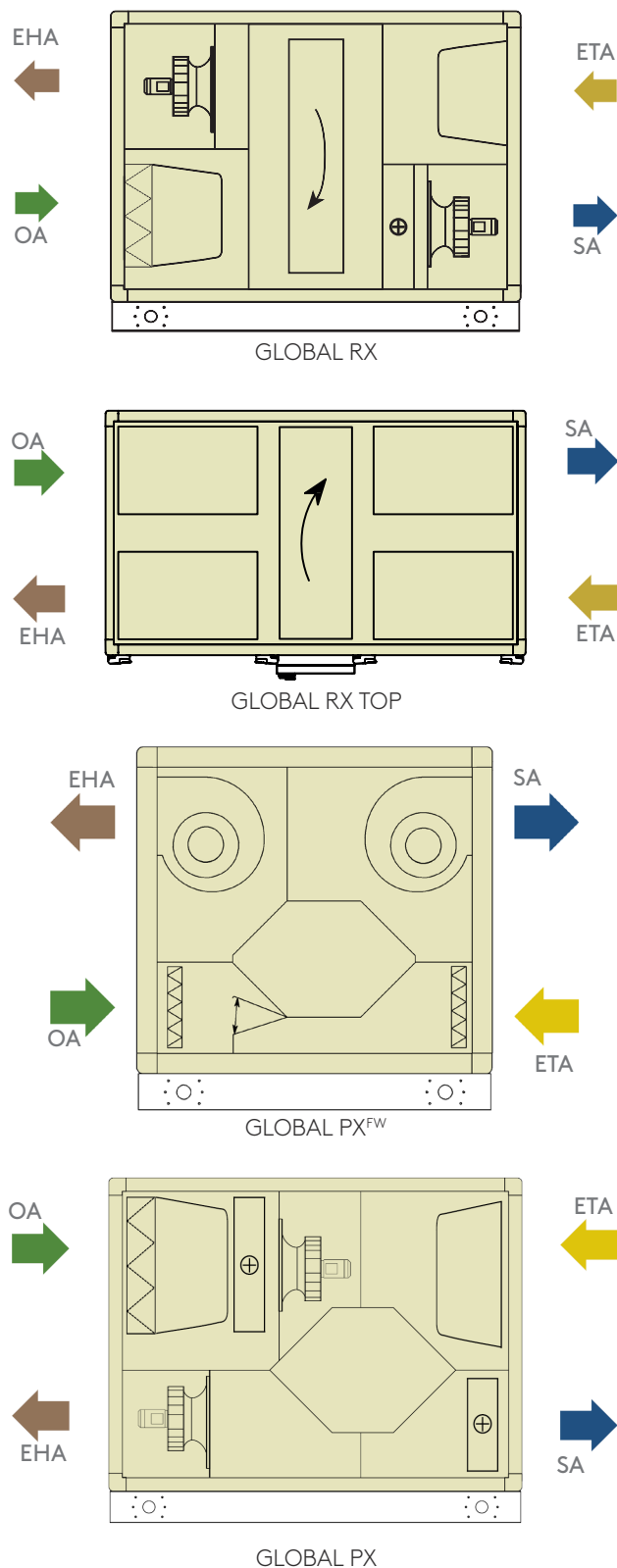
2.0 Symbols and abbreviations

	BW	BACKWARD CURVED FAN		FW	FORWARD CURVED FAN
	BF	BAG FILTER		PF	PLEATED FILTER
	RX	ROTARY HEAT EXCHANGER		PX	PLATE HEAT EXCHANGER
	WARNING			<p>Electronic boards contains ESD sensitive components.</p> <p>Wear antistatic wrist strap connected to protective earth before to manipulate them.</p> <p>In alternative, discharge by touching the unit, handle boards at corners only and use antistatic gloves.</p>	
	Must be connected by a qualified Electrician. Warning! Hazardous voltage.				
	OUTDOOR AIR		Air from outdoor to the AHU (OA)		
	SUPPLY AIR		Air from the AHU to the building (SA)		
	EXTRACT AIR		Air from the building to the AHU (ETA)		
	EXHAUST AIR		Air from the AHU to outdoor (EHA)		
	COOLING COIL	BA-		NV/KW	HEATING COIL (WATER/ELECTRICAL)
	SILENCER	GD		CTm	MOTORISED DAMPER
	PRESSURE SENSOR	P		Tx	TEMPERATURE SENSOR No = x (1,2,3...)
	SLIP CLAMP Sliding bar and screws are not included	SC		MS	FLEXIBLE CONNECTION
CIRCULAR DUCT CONNECTION		ER	For inlet	SR	For outlet

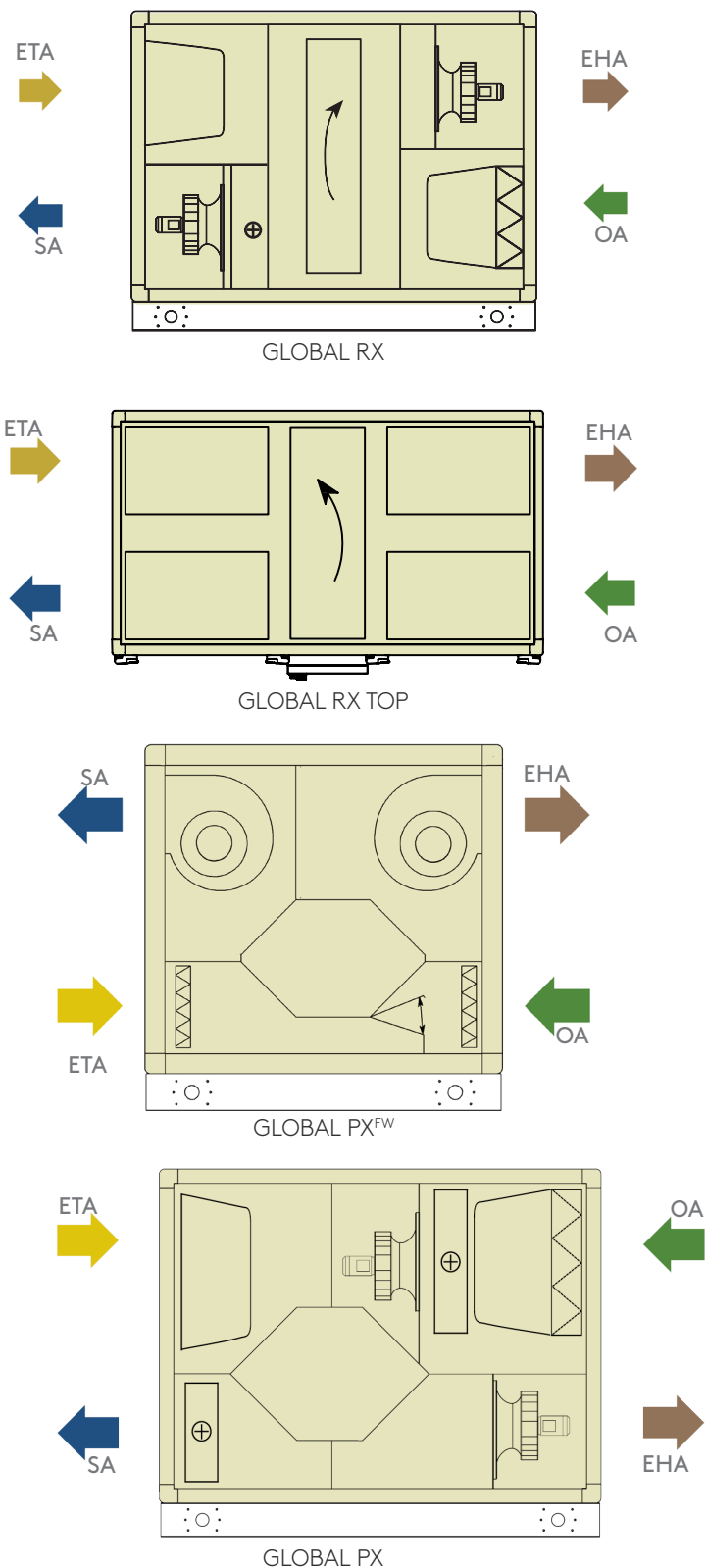
3.0 Product Overview

3.1 GENERAL OVERVIEW

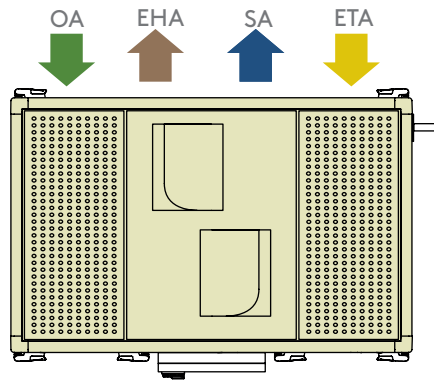
RIGHT HAND UNIT (SUPPLY AIR TO THE RIGHT)



LEFT HAND UNIT (SUPPLY AIR TO THE LEFT)

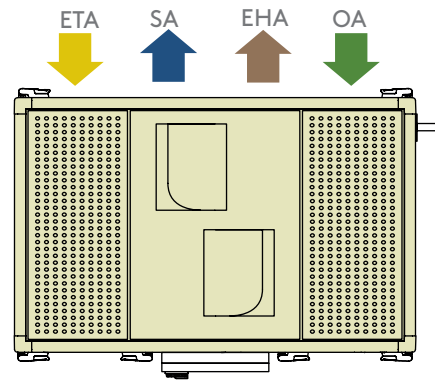


RIGHT HAND UNIT (SUPPLY AIR TO THE RIGHT)

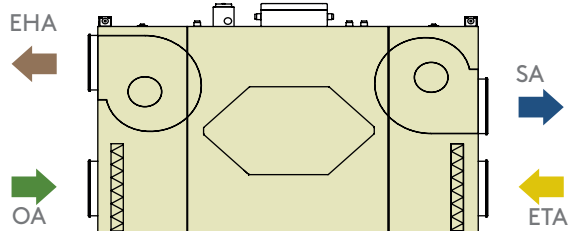


GLOBAL PX TOP^{FW}

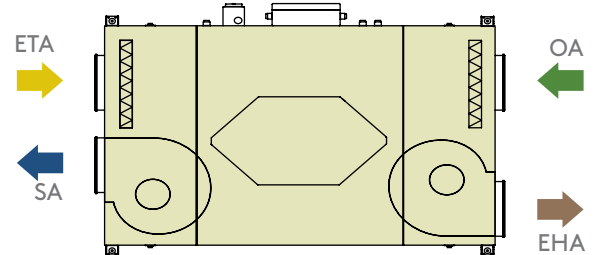
LEFT HAND UNIT (SUPPLY AIR TO THE LEFT)



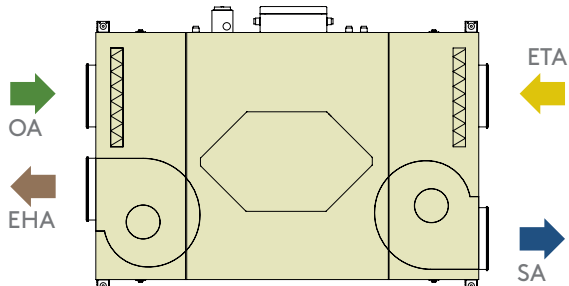
GLOBAL PX TOP^{FW}



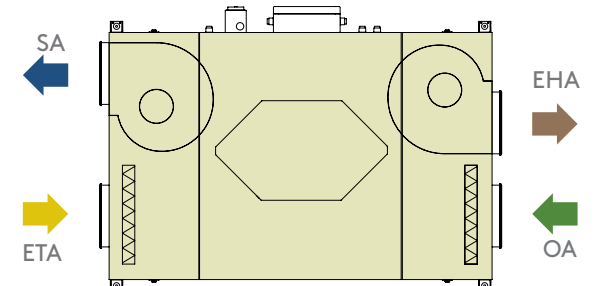
GLOBAL LP 450^{FW} (BOTTOM view)



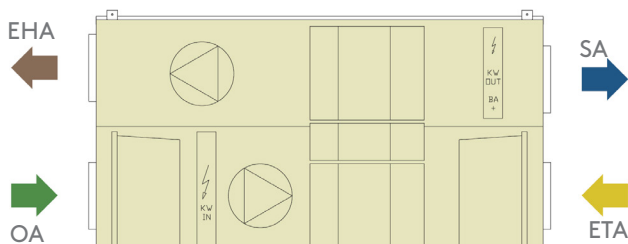
GLOBAL LP 450^{FW} (BOTTOM view)



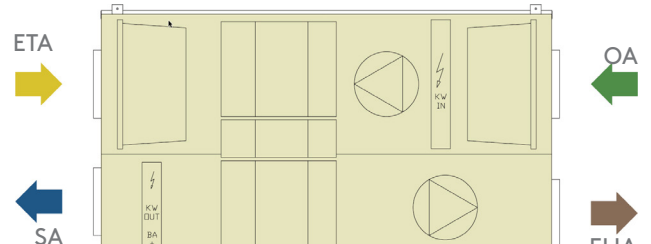
GLOBAL LP 600 - 2000^{FW} (BOTTOM view)



GLOBAL LP 600 - 2000^{FW} (BOTTOM view)



GLOBAL LP/LP OUT (TOP view)



GLOBAL LP/LP OUT (TOP view)

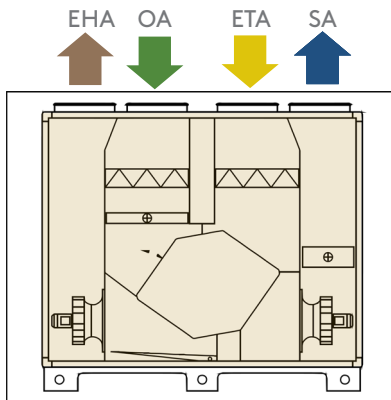


ATTENTION

Right and left hand units have different article numbers and should be ordered accordingly. Main version described in the manuals is always the hand right version.

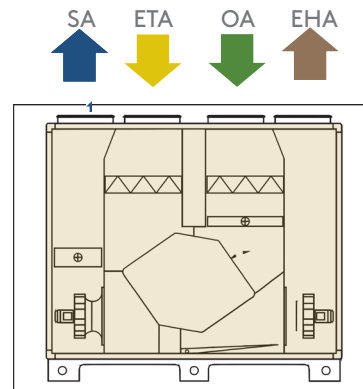
The difference between left and right LP units is the factory placement of the controls box on opposite sides.

RIGHT HAND UNIT (SUPPLY AIR TO THE RIGHT)

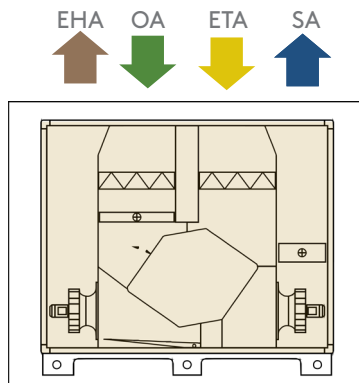


GLOBAL PX TOP 05 - 10

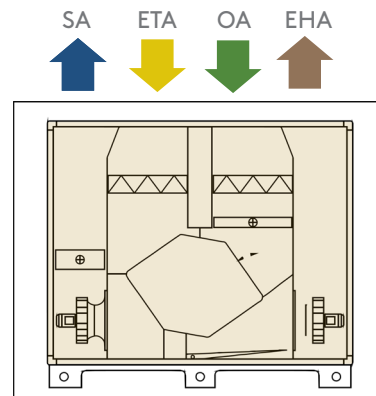
LEFT HAND UNIT (SUPPLY AIR TO THE LEFT)



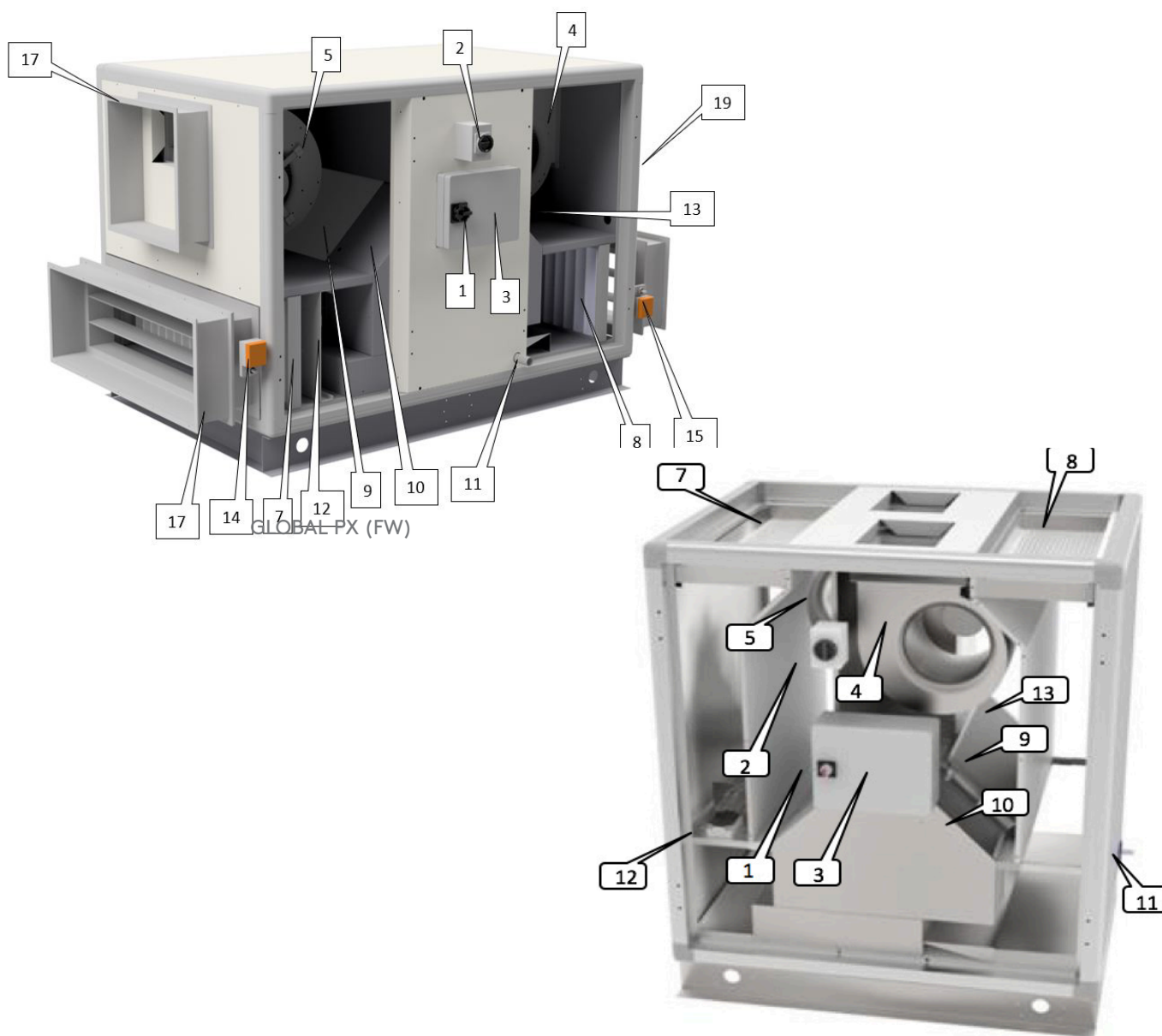
GLOBAL PX TOP 05 - 10



GLOBAL PX TOP 12 - 18



GLOBAL PX TOP 12 - 18

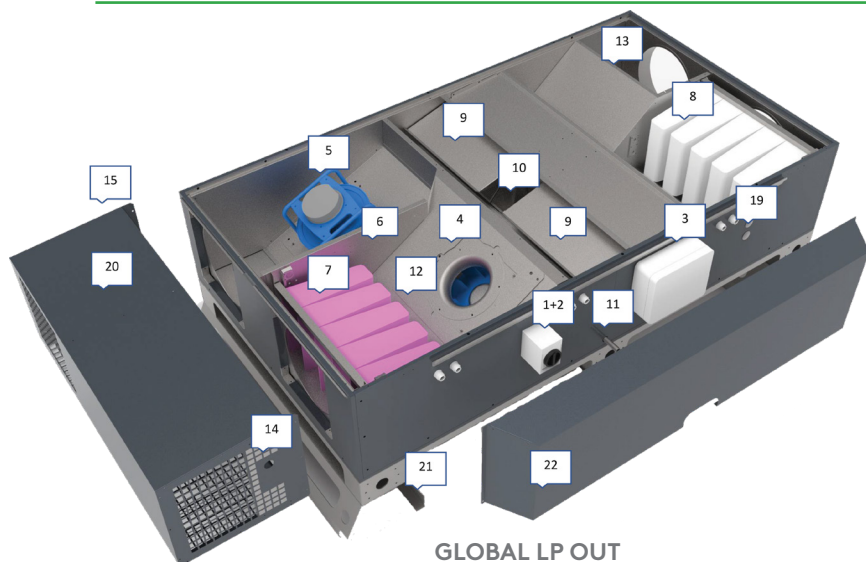


- | | |
|---|--|
| 1. Main switch for power supply AHU | 10. Modulating 100% bypass (PX only) |
| 2. Main switch for power supply electrical coils (both internal pre-heating and post-heating) | 11. Drain pan and drain pipe (PX only) |
| 3. Electrical cabinet | 12. Preheating coil (option) |
| 4. Supply fan | 13. Internal post-heating water or electrical coil (accessory) |
| 5. Extract fan | 14. Motorised damper (accessory) |
| 6. Kit CA -airflow measurement (option) | 15. Motorised damper (accessory) |
| 7. Outdoor air filter (bag or pleated) | 16. Access panel (LP only) |
| 8. Extract air filter (bag or pleated) | 17. Flexible sleeve (accessory) |
| 9. Heat exchanger (Plate or Rotary) | 18. Slip clamp (accessory) |
| | 19. Water connection for post-heating (accessory) |

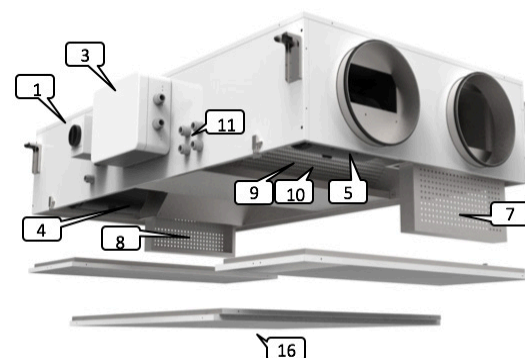


1, 2 and 3 must be installed by a qualified electrician

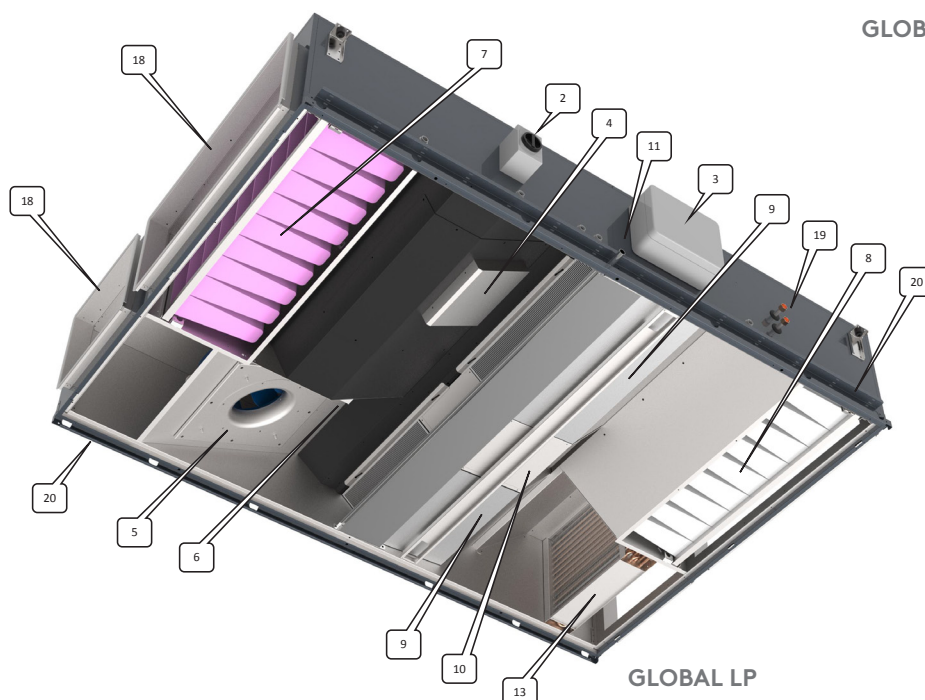
Note: internal electrical coils, motorised dampers, internal fan-pressure sensors, flexible connections and slip-clamps must be ordered and are all pre-installed and factory wired. The internal heating water-coil accessory is pre-installed, but must be connected, hydraulically and electrically, by the installer.



GLOBAL LP OUT



GLOBAL LP^{FW}



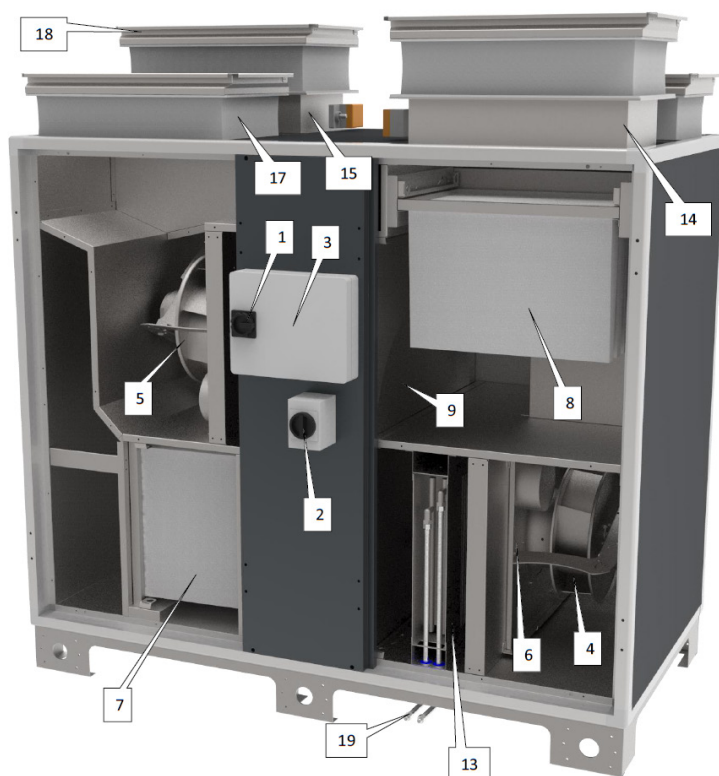
GLOBAL LP

1. Main switch for power supply AHU
2. Main switch for power supply electrical coils (both internal pre-heating and post-heating)
3. Electrical cabinet
4. Supply fan
5. Extract fan
6. Kit CA -airflow measurement (option)
7. Outdoor air filter (bag or pleated)
8. Extract air filter (bag or pleated)
9. Heat exchanger (Plate or Rotary)
10. Modulating 100% bypass (PX only)
11. Drain pan and drain pipe (PX only)
12. Preheating coil (PX only)
13. Internal post-heating water or electrical coil (option)
14. Motorised damper (accessory)
15. Motorised damper (accessory)
16. Access panel (LP FW only)
17. Flexible sleeve (accessory)
18. Slip clamp (accessory)
19. Water connection for post-heating (accessory)
20. Box I/O (inlet/outlet)
21. Additional feet 205 mm (accessory)
22. Protection cover

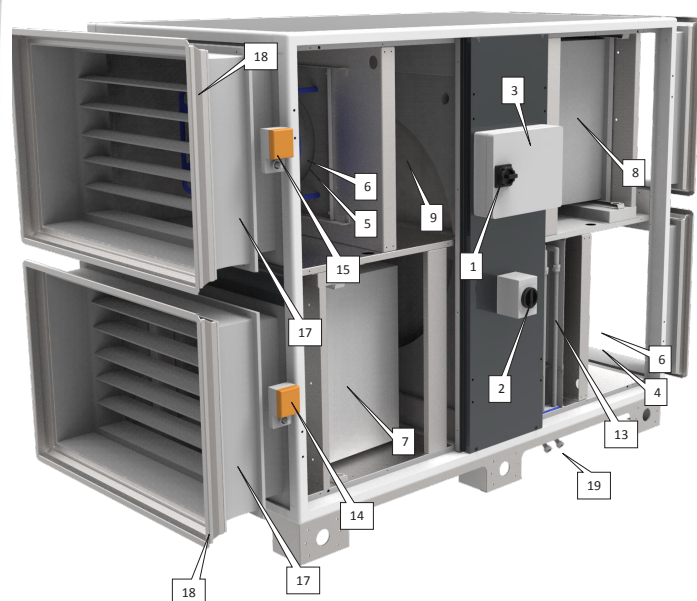


1, 2 and 3 must be installed by a qualified electrician

Note: internal electrical coils, motorised dampers, internal fan-pressure sensors, flexible connections and slip-clamps must be ordered and are all pre-installed and factory wired. The internal heating water-coil accessory is pre-installed, but must be connected, hydraulically and electrically, by the installer.



GLOBAL RX TOP



GLOBAL RX

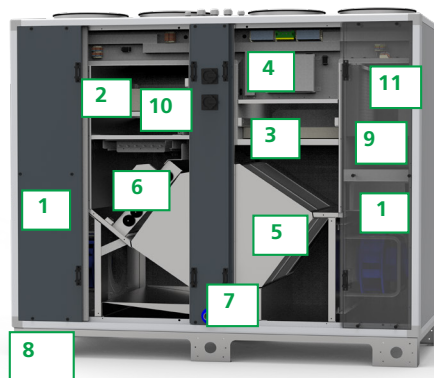
- | | |
|---|--|
| 1. Main switch for power supply AHU | 10. Modulating 100% bypass (PX only) |
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| 9. Heat exchanger (Plate or Rotary) | 18. Slip clamp (accessory) |
| | 19. Water connection for post-heating (accessory) |



1, 2 and 3 must be installed by an accredited electrician

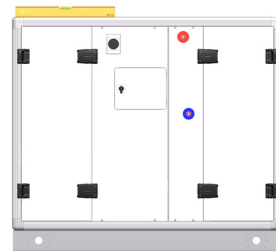
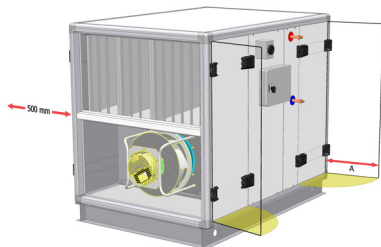
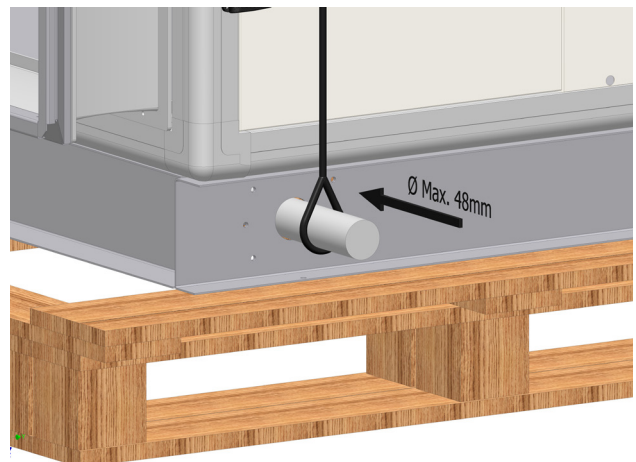
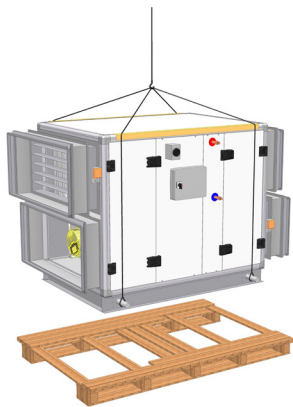
Note: internal electrical coils, motorized dampers, internal fan-pressure sensors, flexible connections and slip-clamps have to be ordered initially and are all pre-mounted and factory wired. Internal heating water-coil accessory is pre-mounted but has to be hydraulically and electrically connected by the installer.

GLOBAL PX TOP



1. EC Plug fan w/ composite fan blades (aluminium blades optional)
2. Fresh air filter ePM1 \geq 60% filter class
3. Extract air filter ePM1 \geq 50% filter class
4. Integrated TAC controller
5. High efficiency counterflow plate heat exchanger
6. Modulating 100% bypass
7. Stainless steel drain pan
8. Base frame for easy on site transport
9. Integrated post-heating (water/electrical)
10. Integrated pre-heating (electrical)
11. Silencer

4.0 Unloading and transport



A= min. 90cm



If it is necessary to dismantle and re-assemble the unit due to the delivery through size-limited openings; the unit must be specifically ordered from the factory with the "dismantle option". For information on how to dismantle and re-assemble the unit please download the "Dismantling and Re-Assembly Guide" on our website.

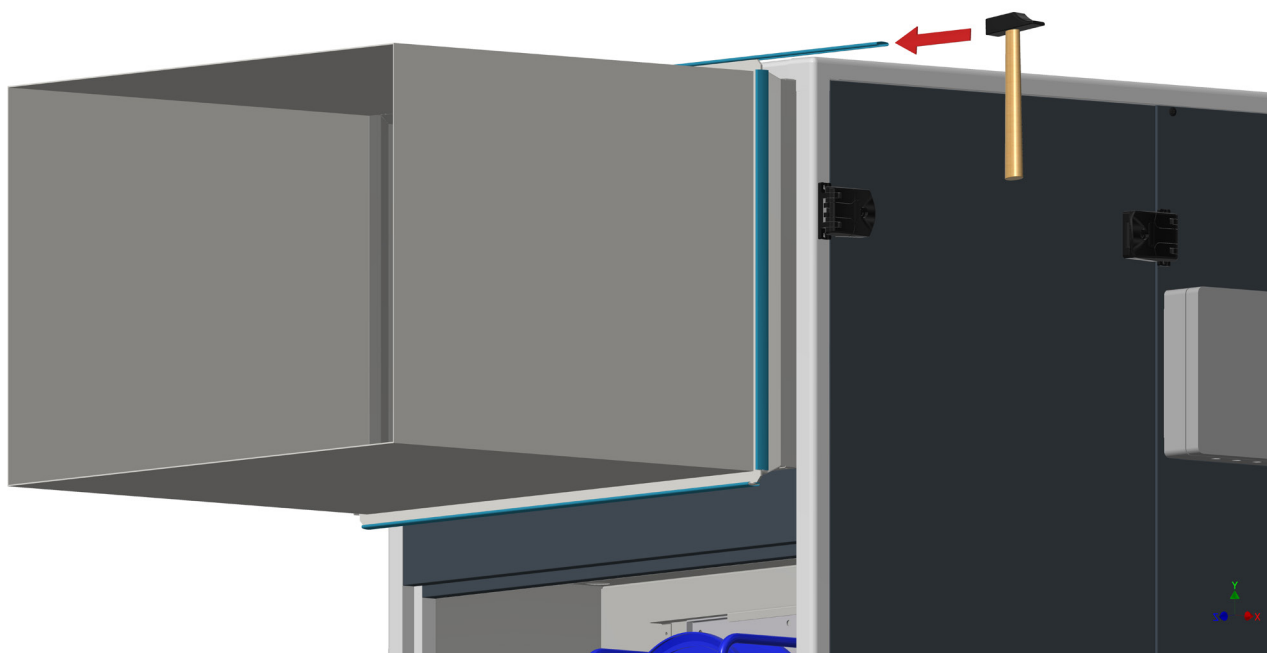
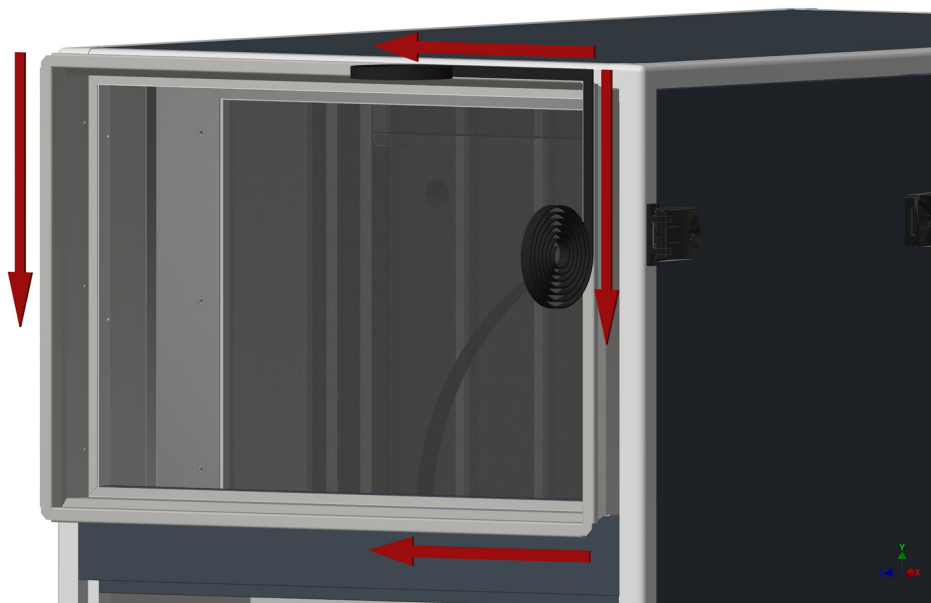
5.0 Installation

Since some of the wiring is dependent on the chosen functionality, connection of external controls signals such as 0-10 V signals are described in the "Start-up, Operation and Maintenance Manual" downloadable on our website.

5.1 MECHANICAL INSTALLATION

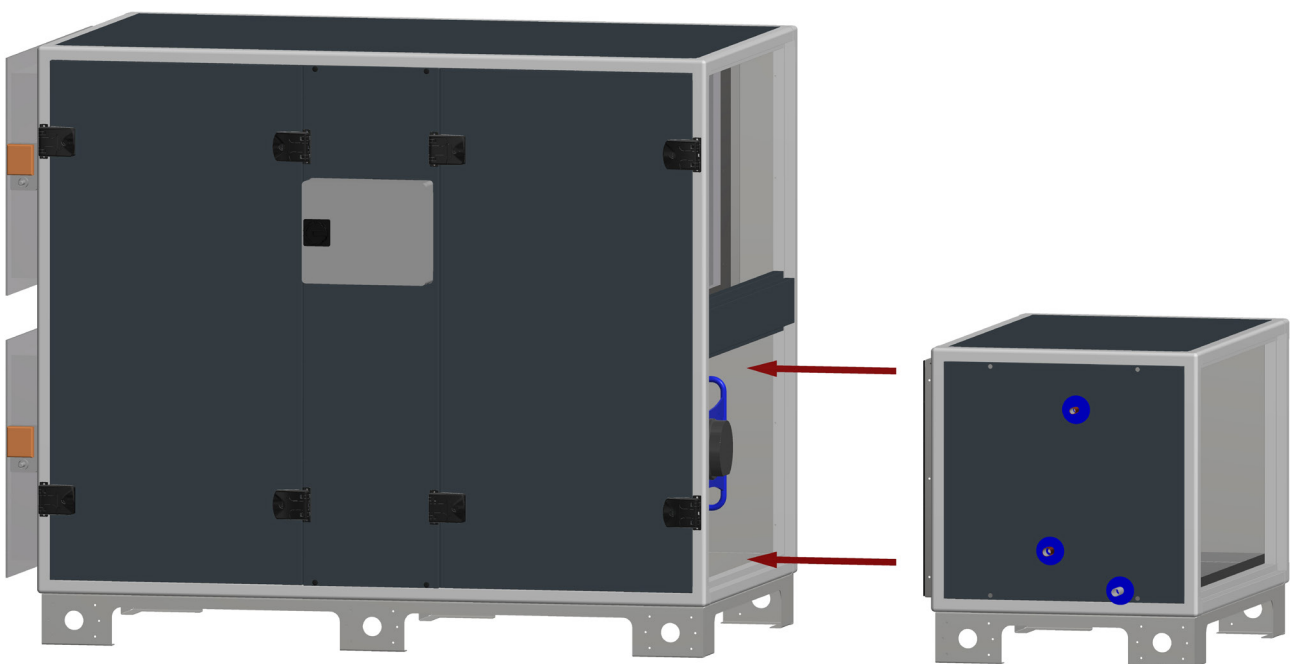
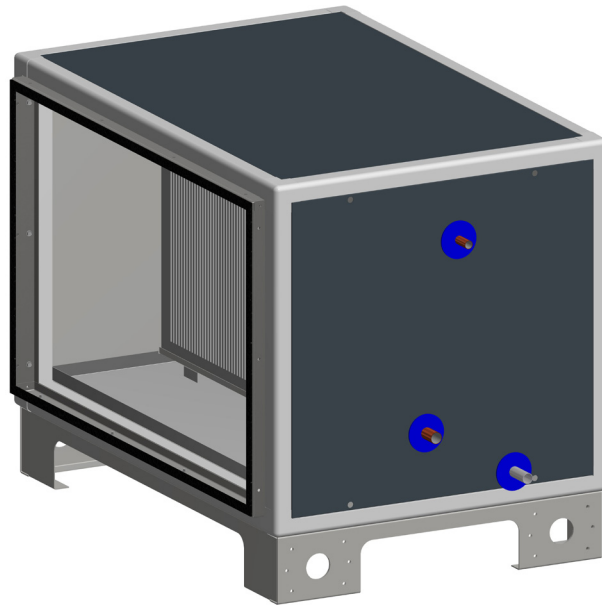
Note: Some accessories are shipped inside of the unit.

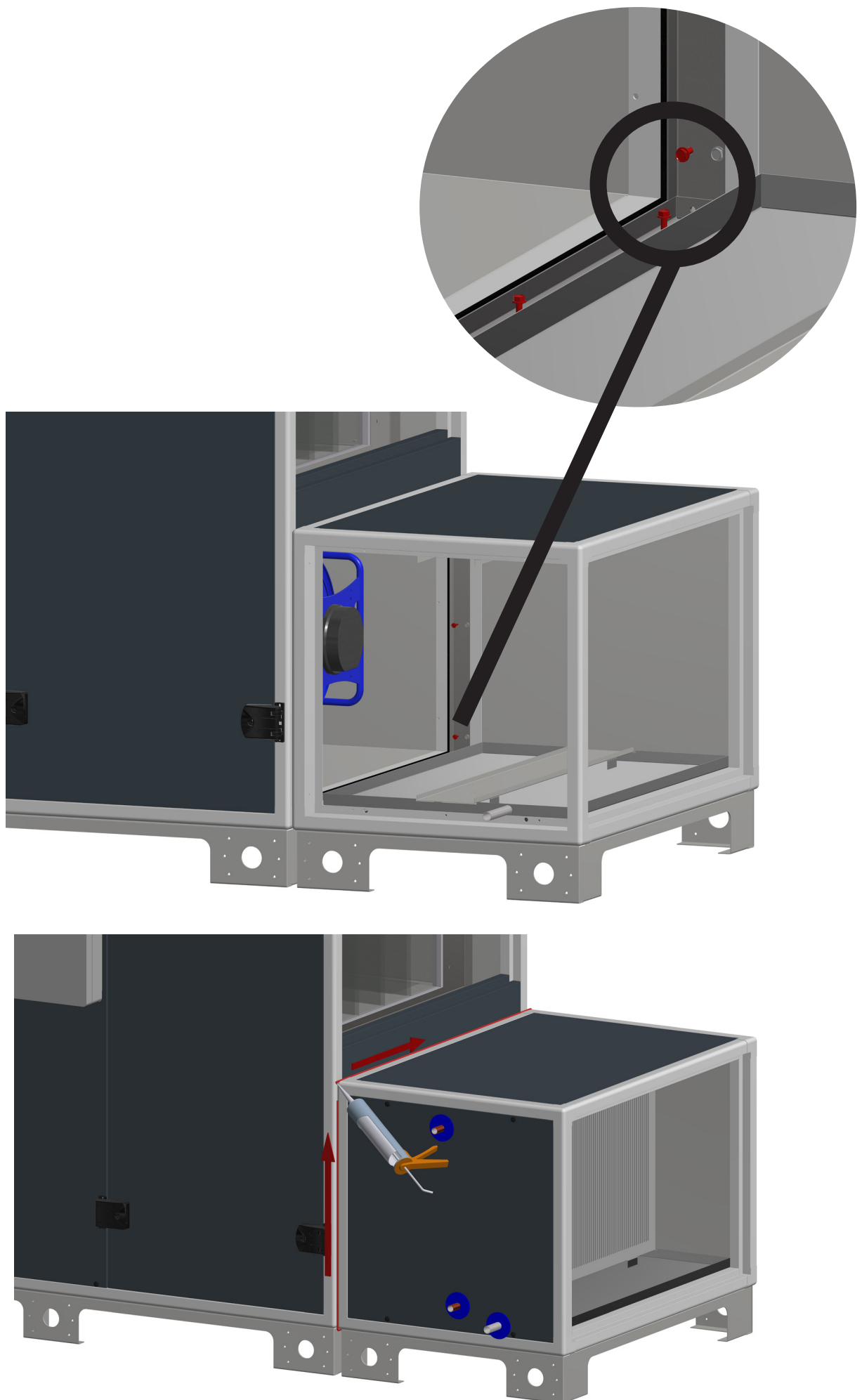
SLIP CLAMPS (SC)



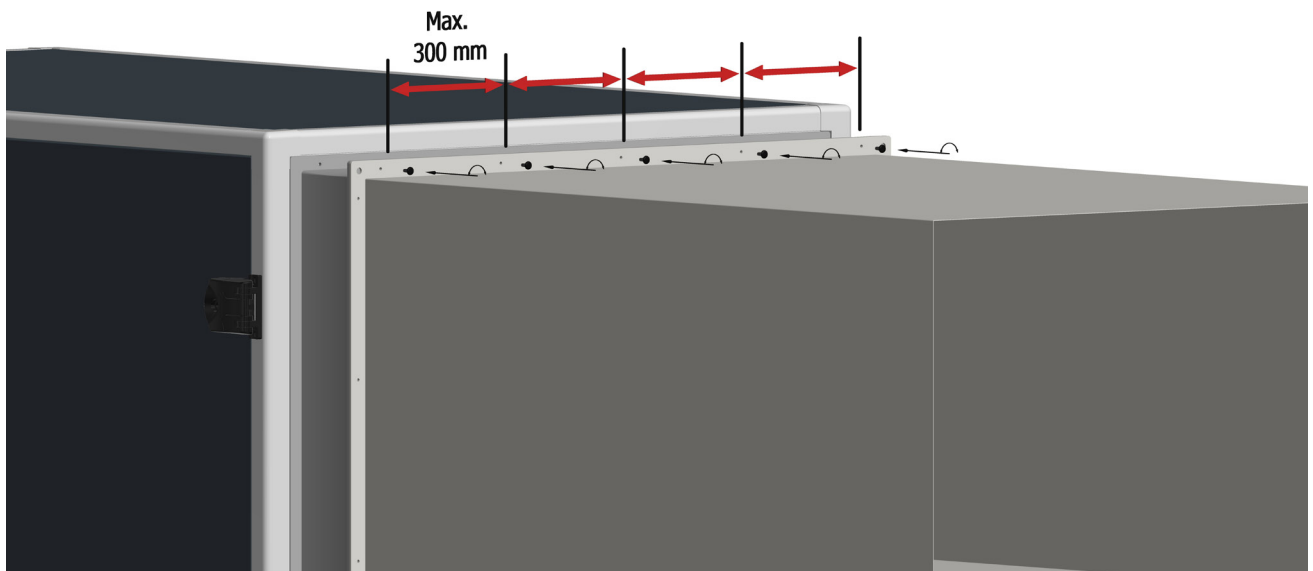
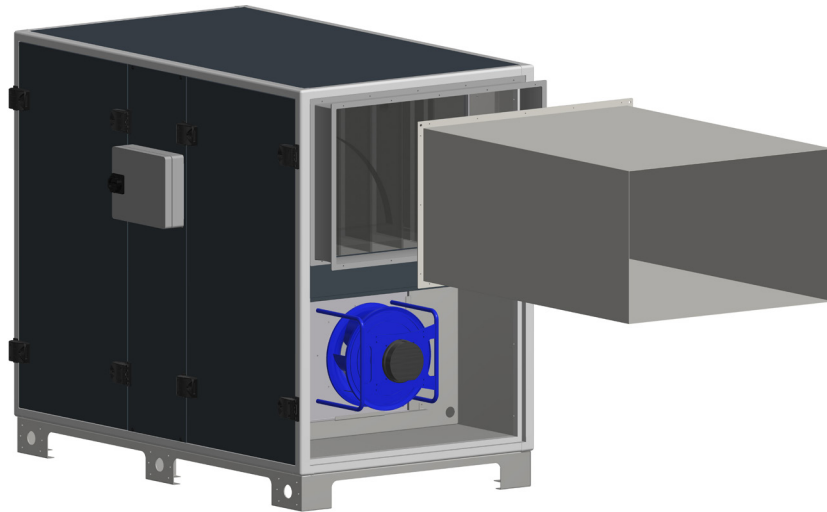
Sliding bar and screws are not included

EXTERNAL INSULATED CASING (ECA)

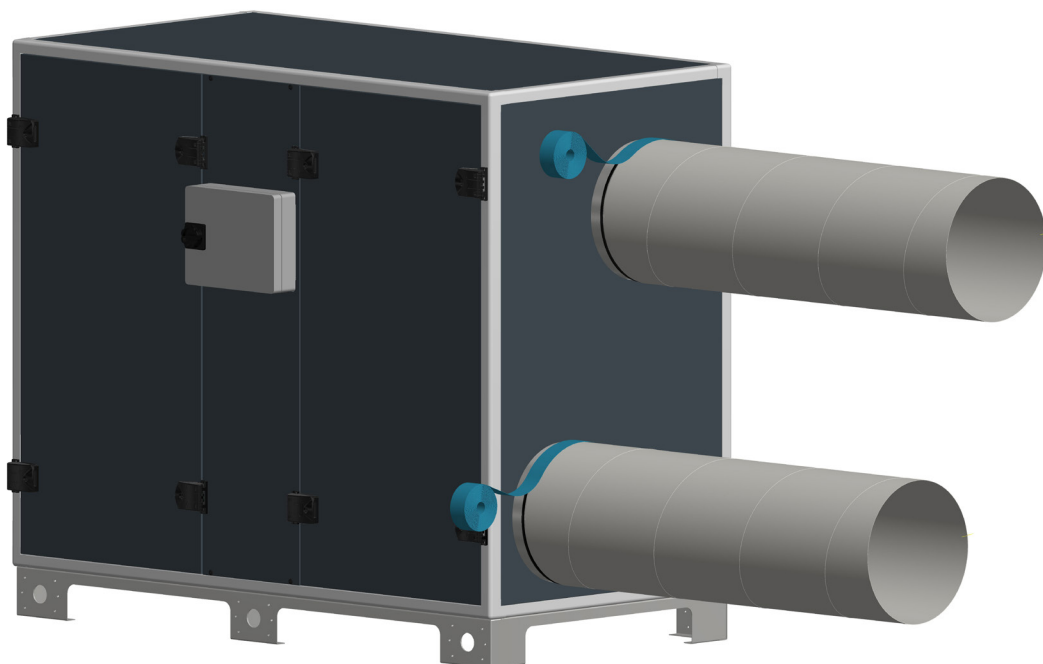




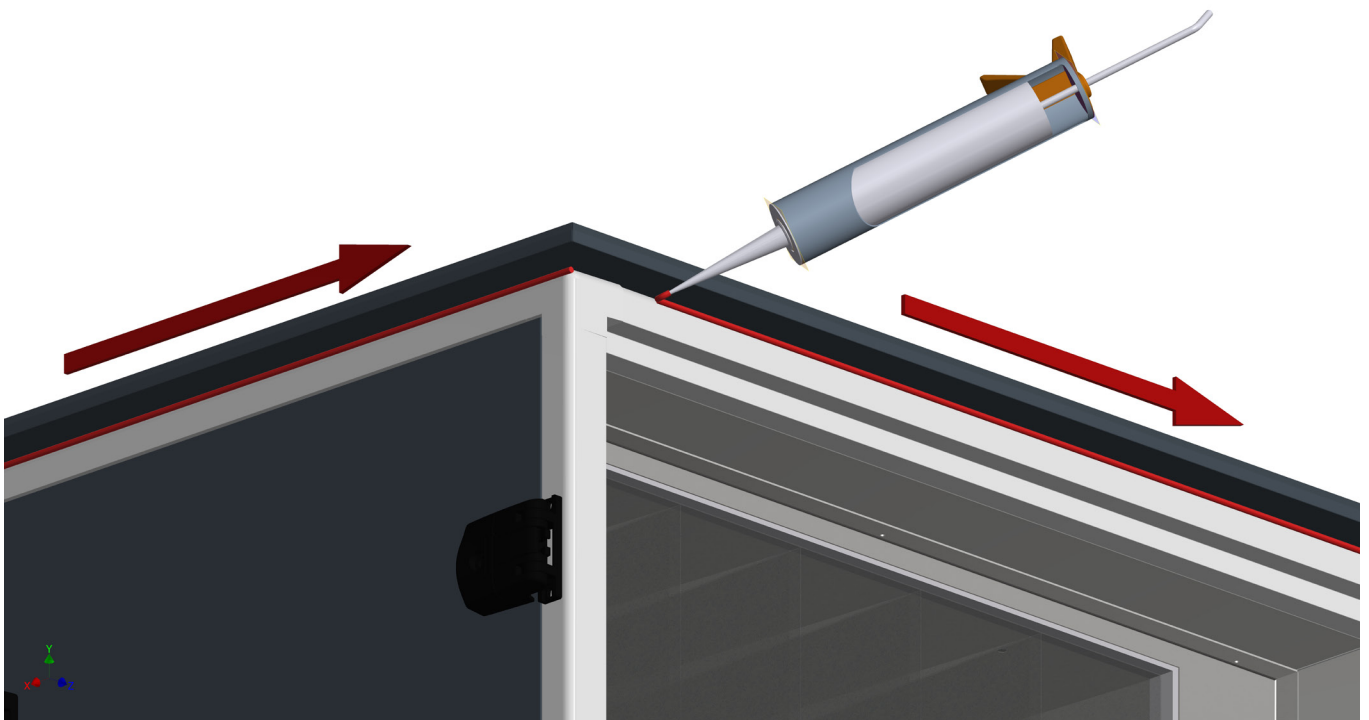
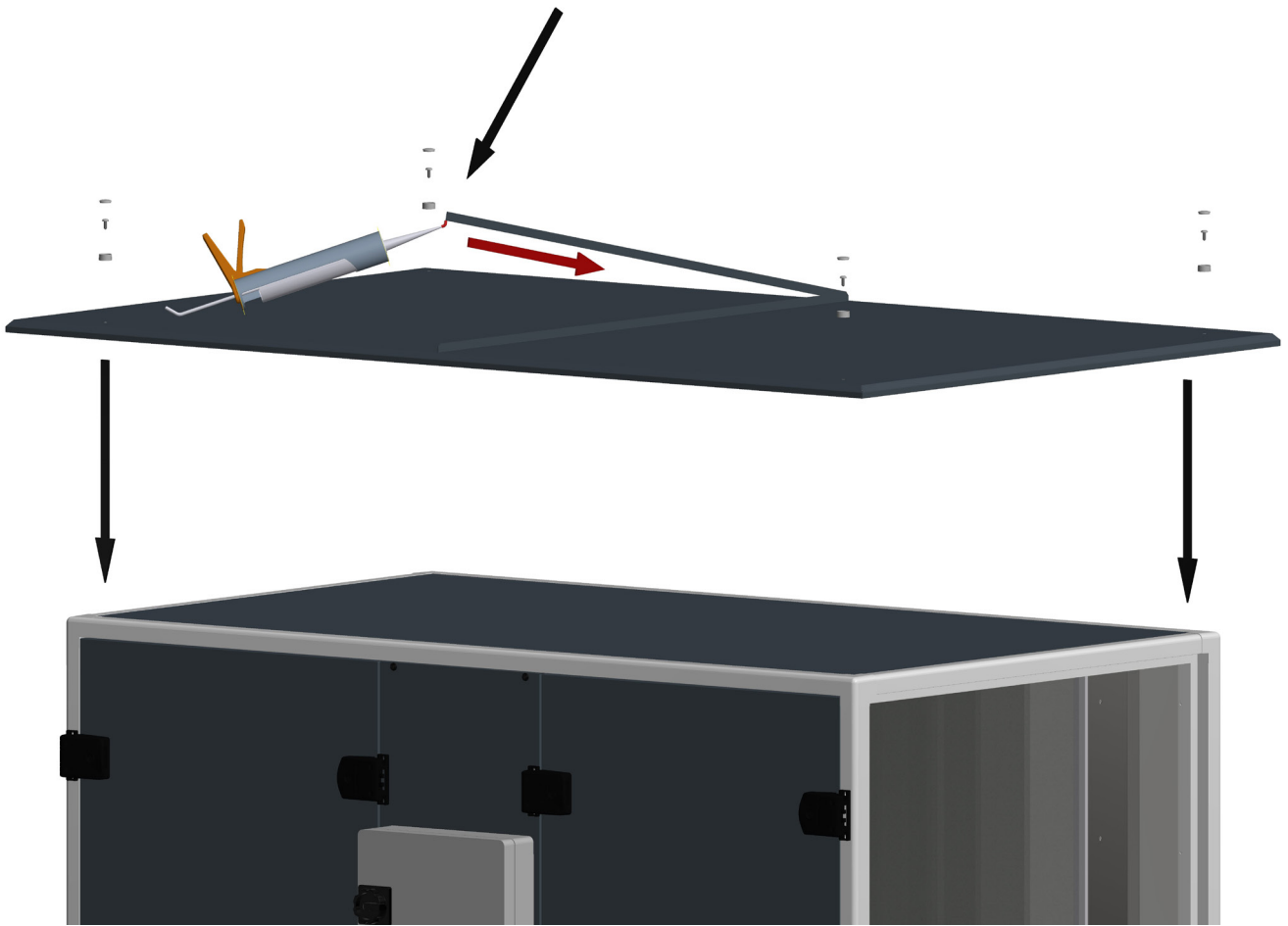
FLEXIBLE CONNECTIONS (MS)



CIRCULAR CONNECTIONS

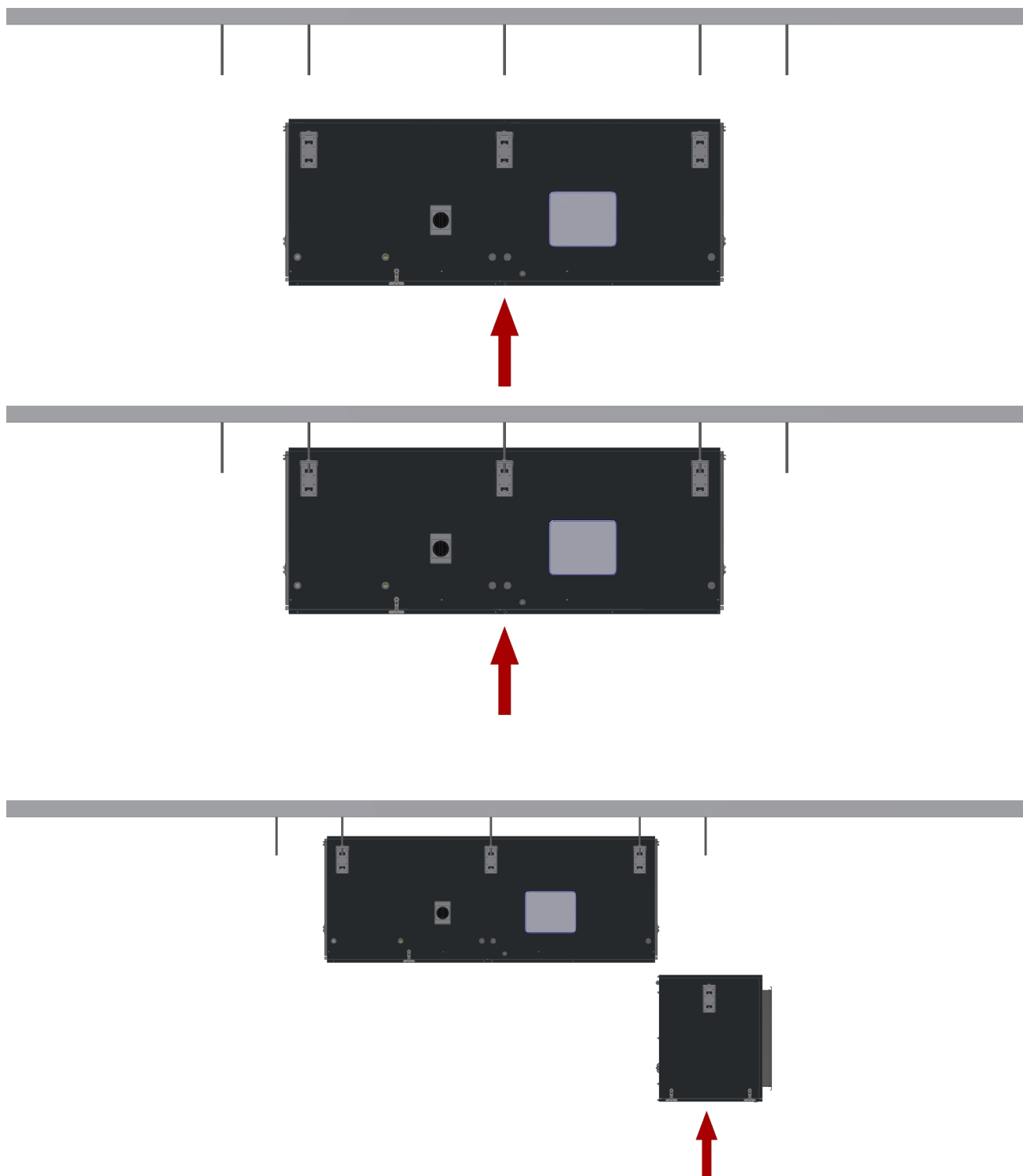


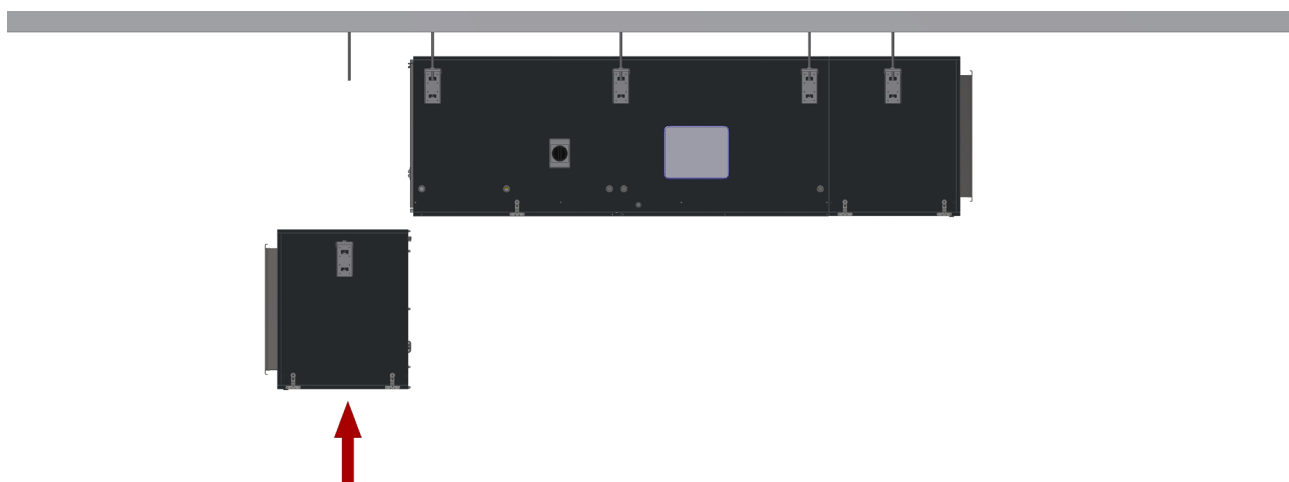
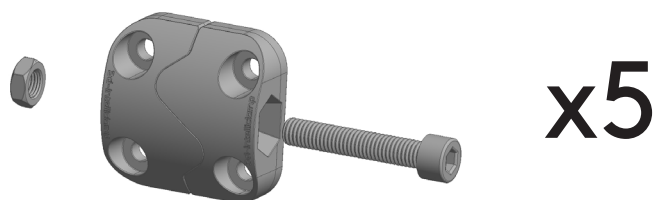
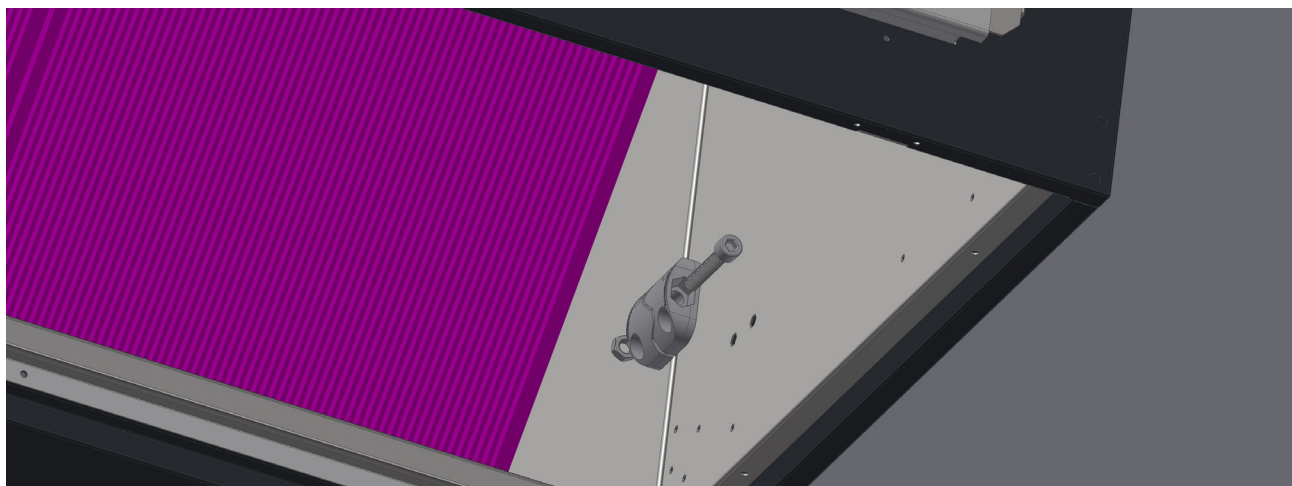
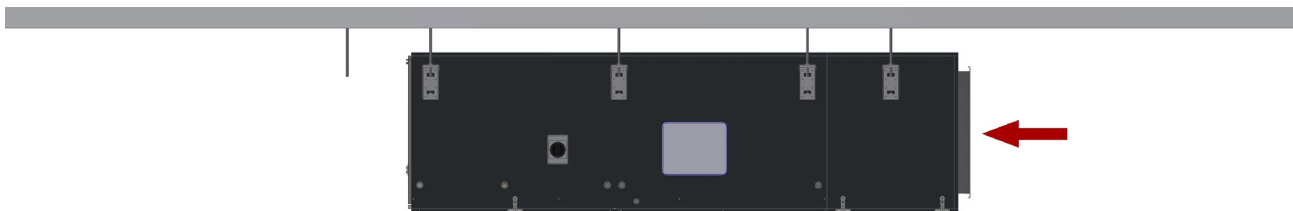
INSTALLATION OF ROOF FOR MOUNTING OUTDOORS (OUT)

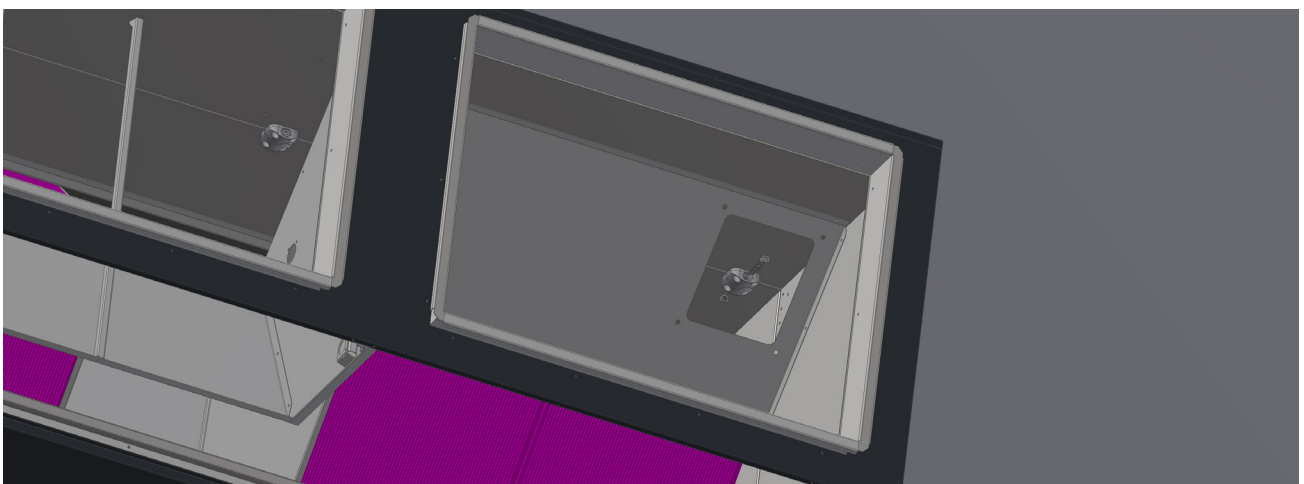
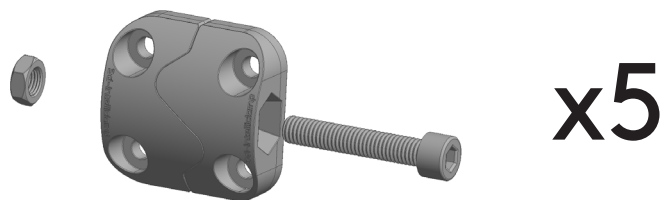
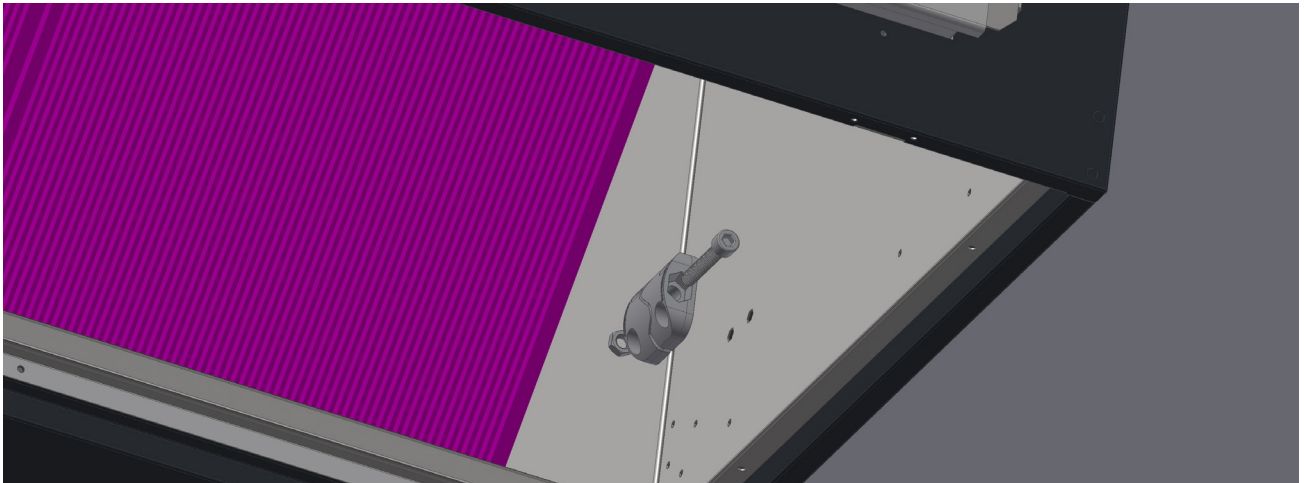
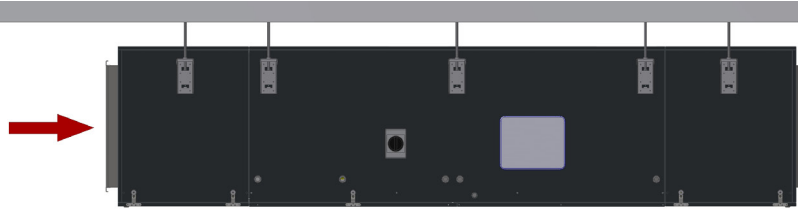


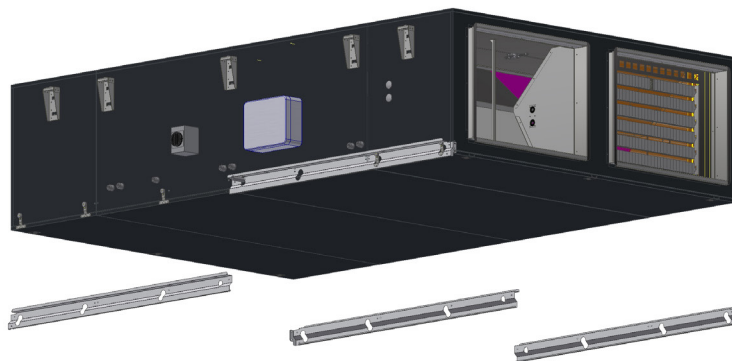
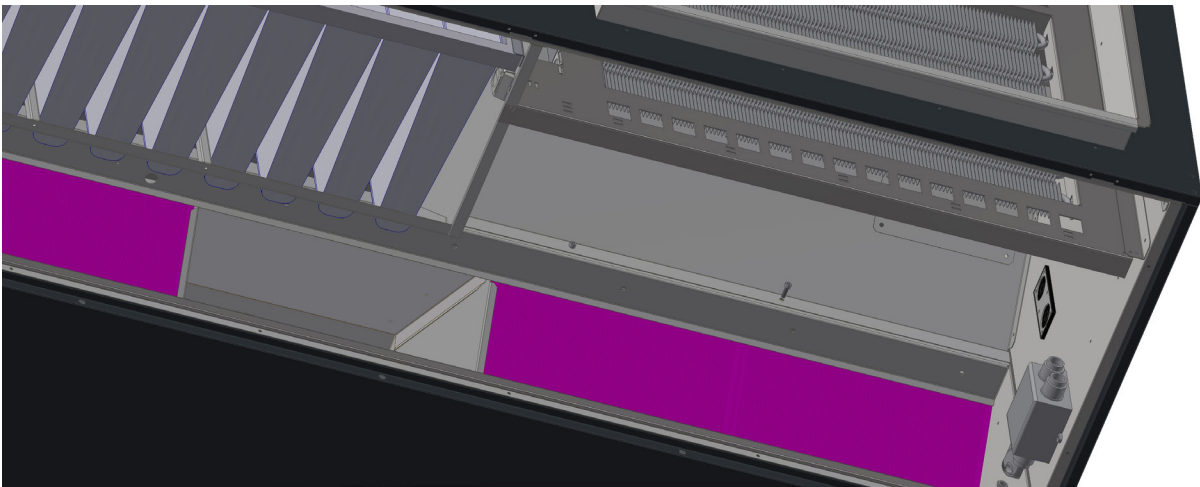
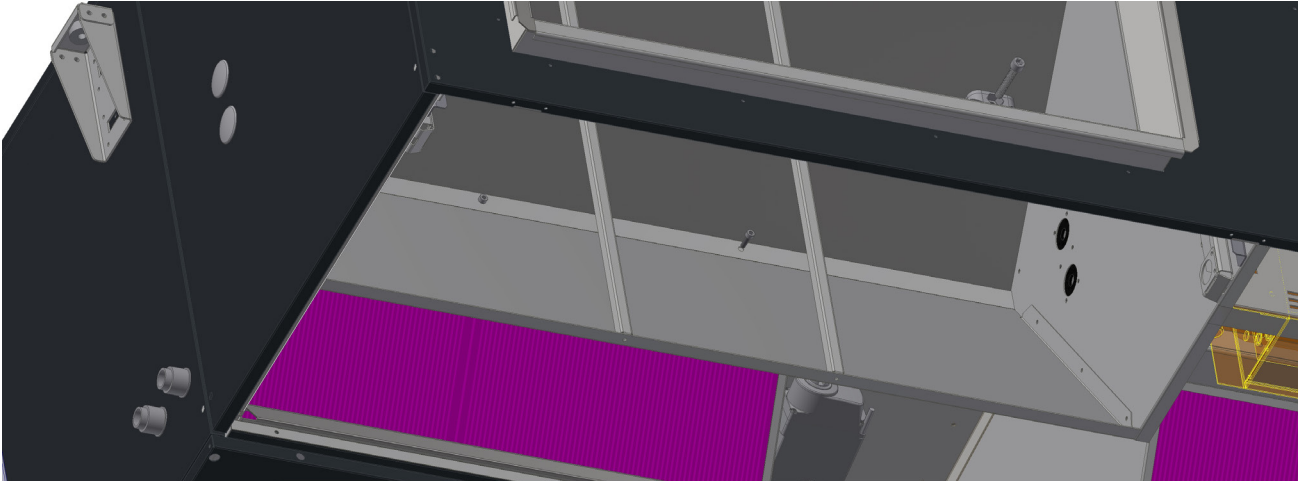
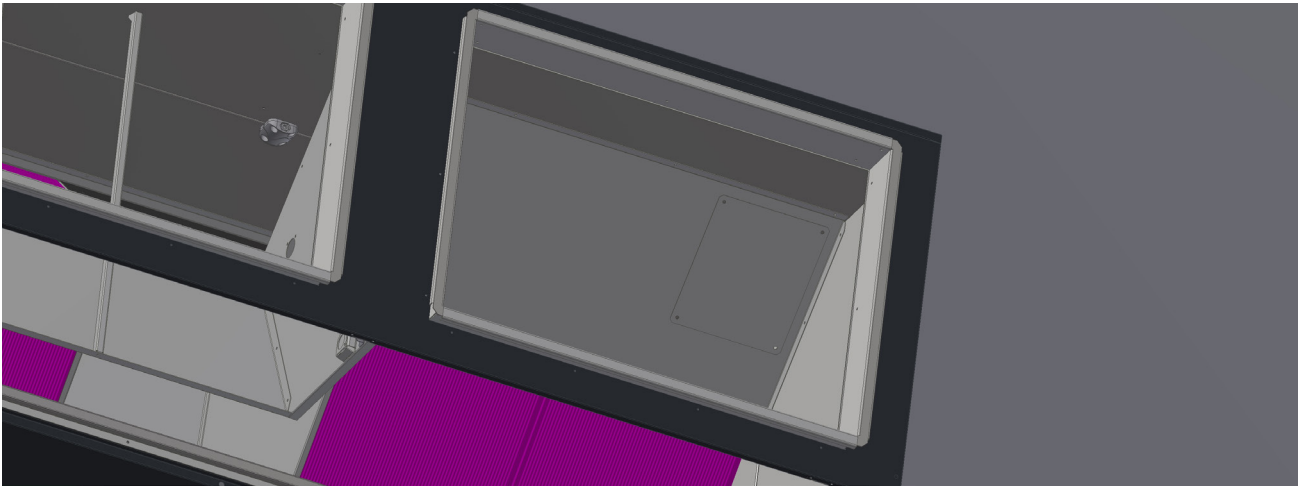
MECHANICAL INSTALLATION FOR GLOBAL LP

GLOBAL LP 16 and 18 are delivered in 3 parts.

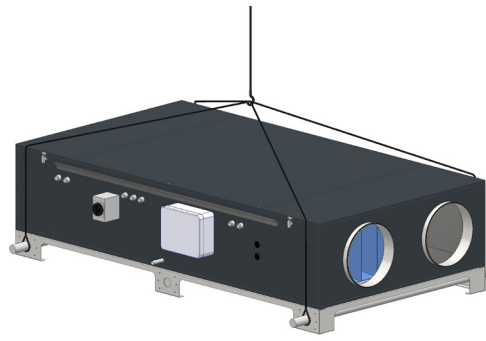




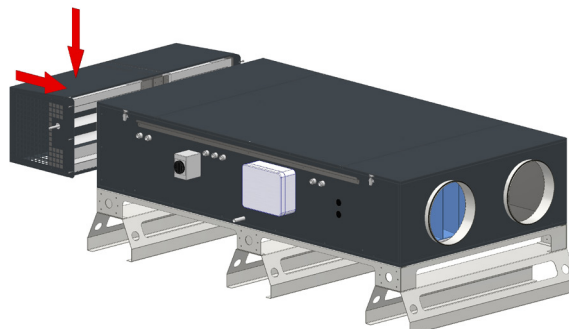
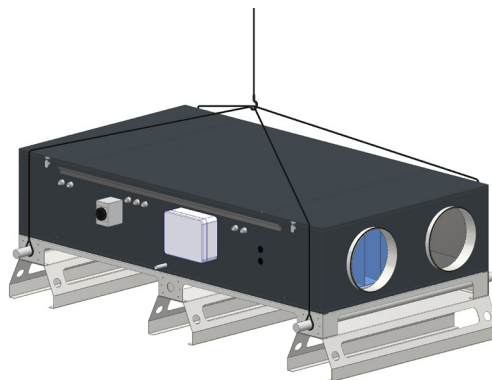
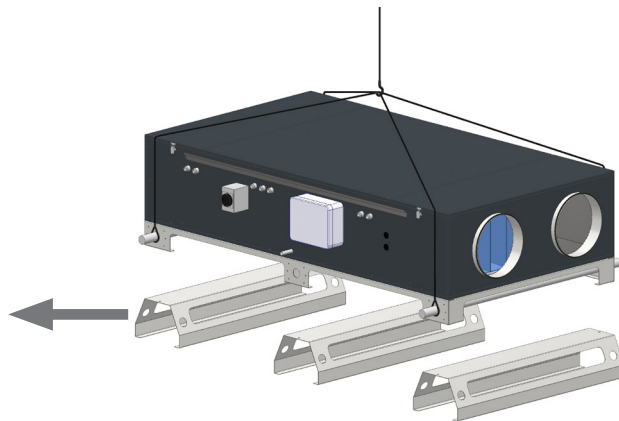


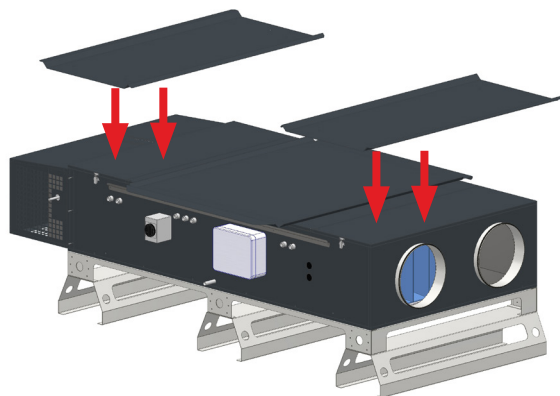
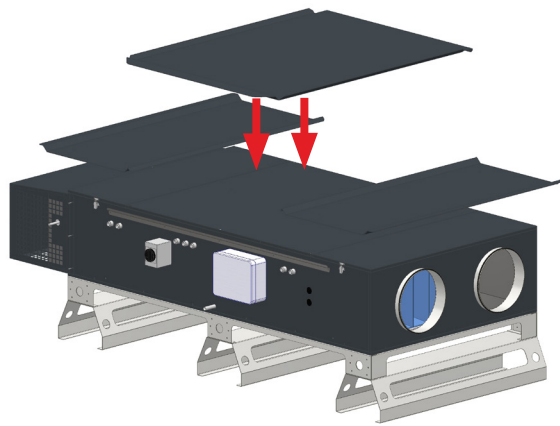
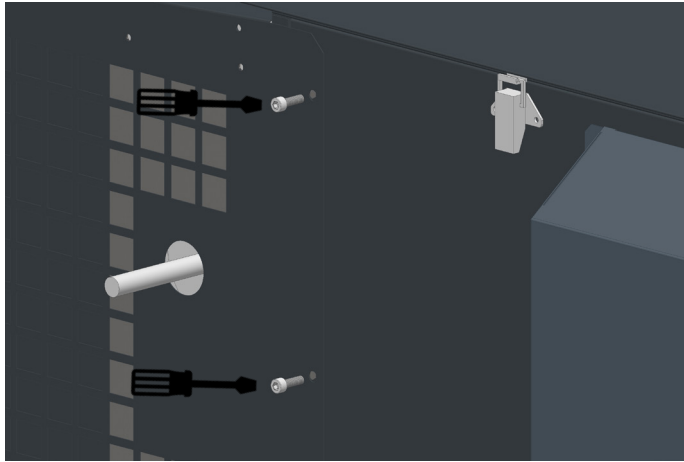


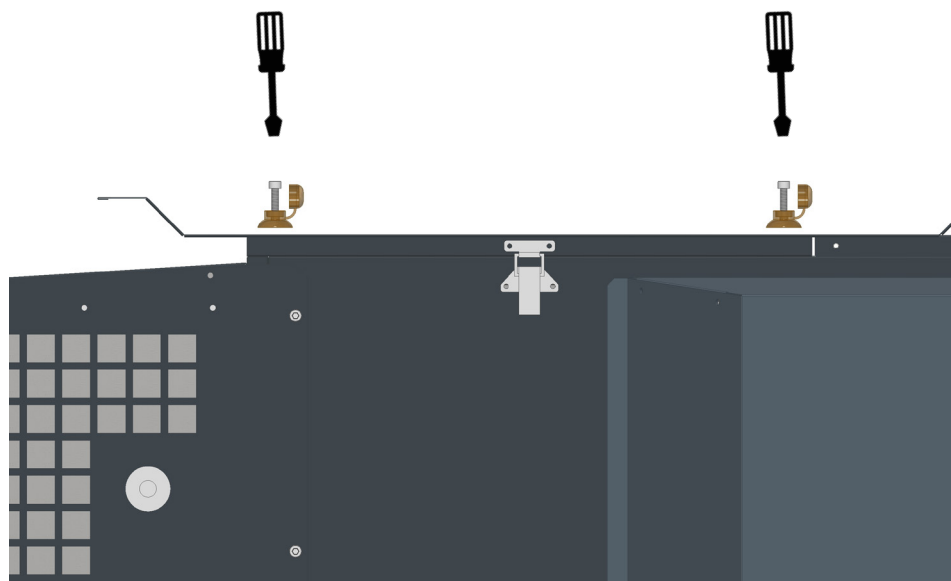
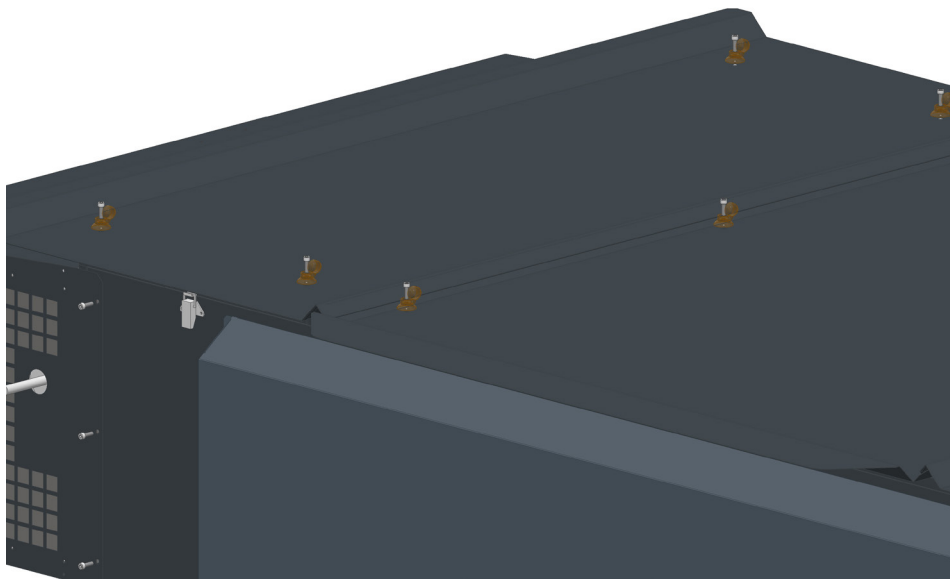
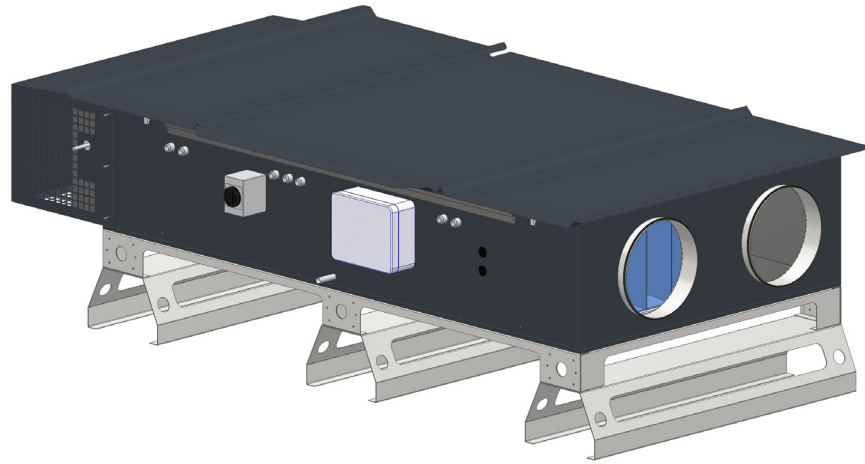
MECHANICAL INSTALLATION FOR GLOBAL LP OUT

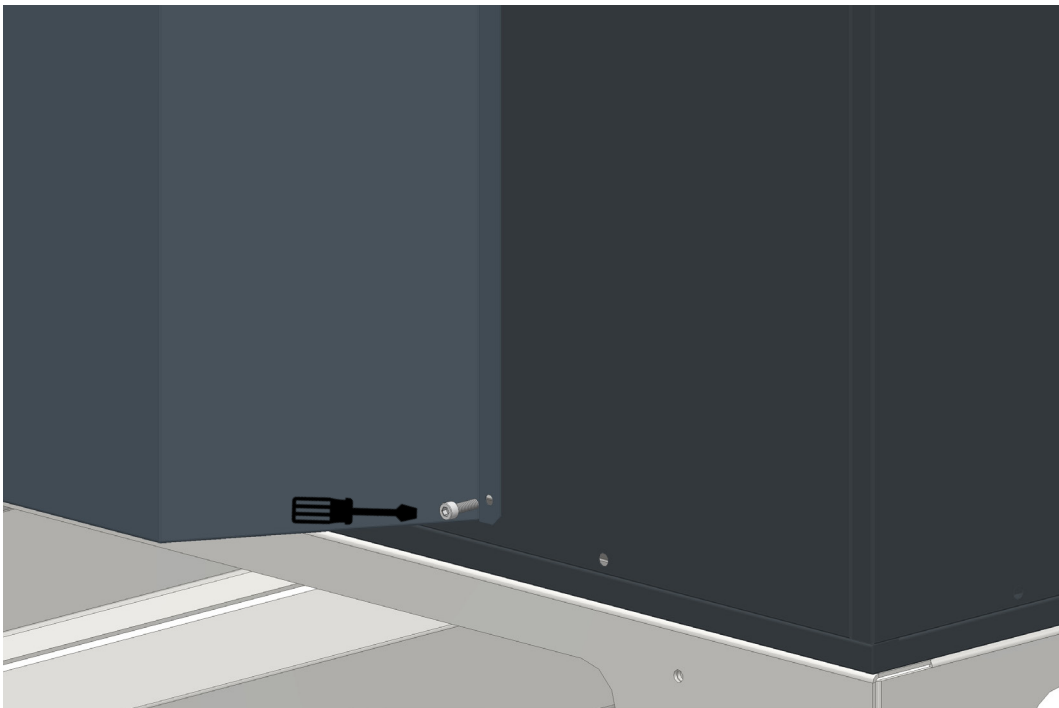
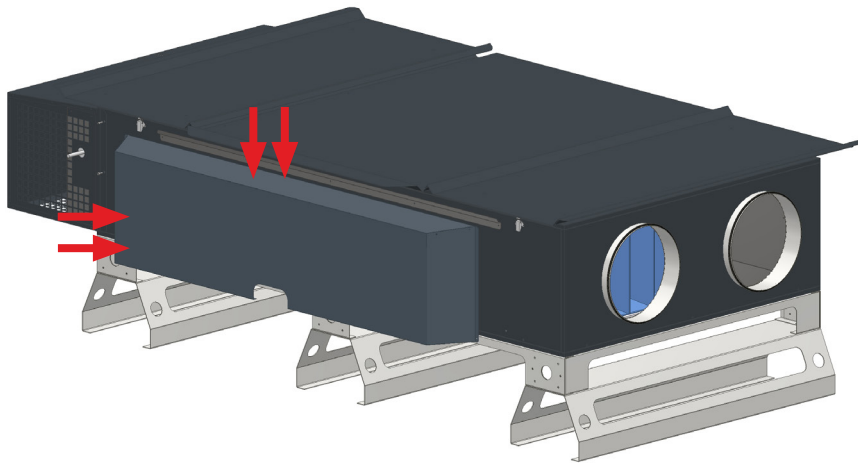


ADDITIONAL FEET
IN OPTION









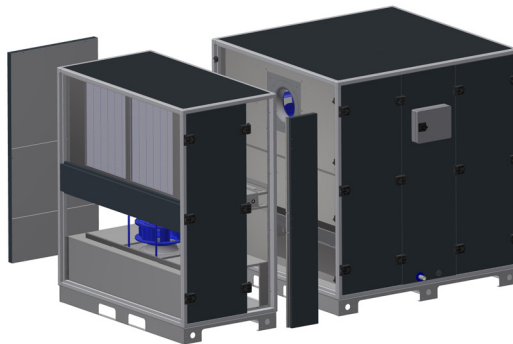
MECHANICAL INSTALLATION FOR GLOBAL PX

GLOBAL PX 20, 24 and 26 are delivered in 2 parts.

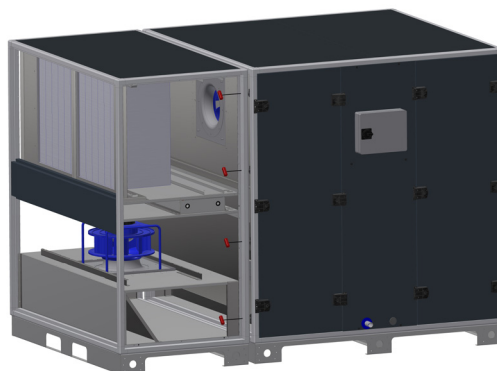
Assembly procedure for Global PX 20-24-26 multi-block units



1. Remove the front and rear doors of the secondary block



2. Place the 2 blocks side by side.



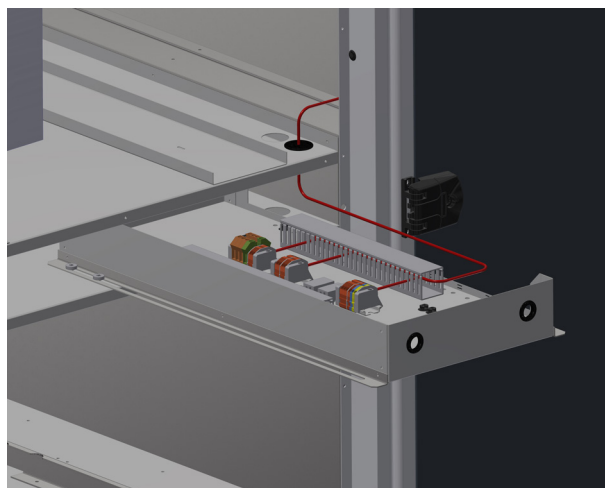
3. Using a hexagonal key, tighten the clams screws (4 at the front and 4 at the back). Insert the tool through the bore hole in the profile.



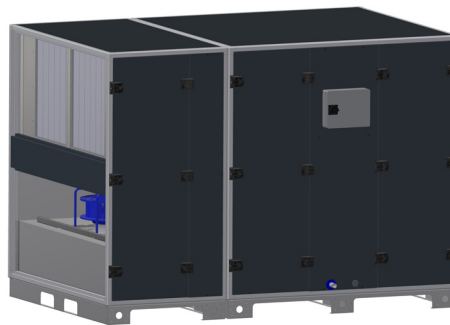
4. Blank off the profile holes with the small black plugs to ensure suitable tightness.



5. Connect the jumper wires of the main block to the terminal blocks inside a sliding connection box.



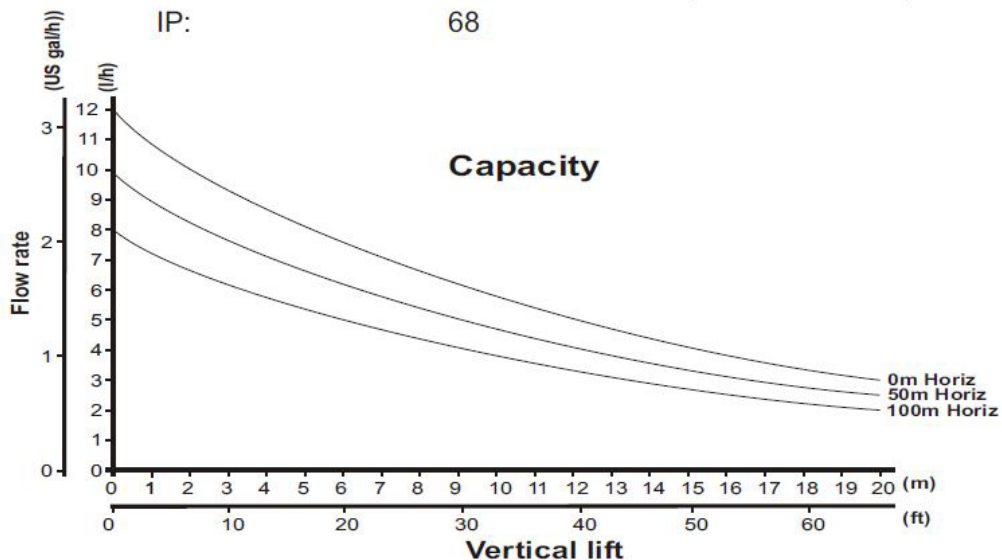
6. The assembly procedure is now complete.



5.2 HYDRAULICAL INSTALLATION

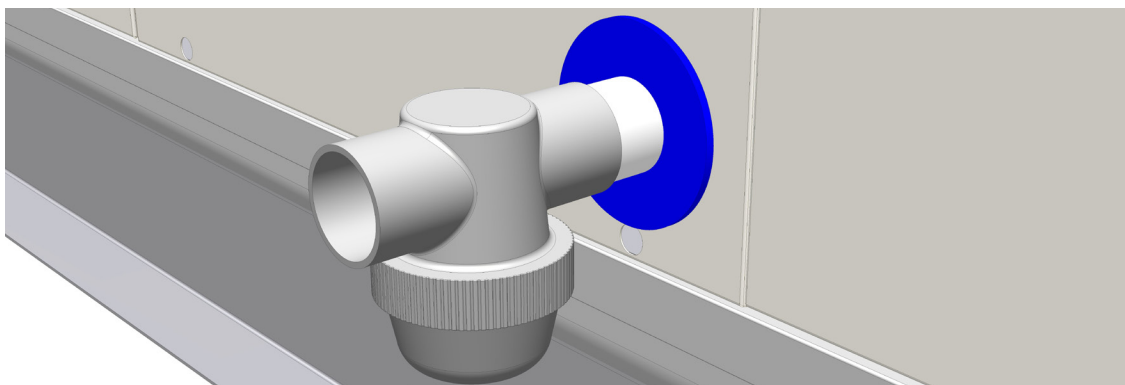
CONDENSATE PUMP FOR GLOBAL LP

Specifications	Power supply:	120/240 Vac, 50/60 Hz Auto sensing
	Power consumption:	16 W max., 0.25 W when idle
	Alarm relay:	5A, 30 Vdc, 250 Vac Break on fault
	Capacity:	12 litres/hour max. (3.17 US gal/h)
	Maximum head:	Vertical >20 m (65 ft), Horizontal >100 m (328 ft)
		Suction 1 m max. (3.28 ft)
	Ambient temp:	0 - 40°C
	Water temp:	25°C max.
	Material:	Flame retardant ABS UL94 5VA
	Discharge tube:	6 mm (1/4") ID
	Dimensions:	160 x 43 x 34 mm (6.3" x 1.7" x 1.3")
	IP:	68

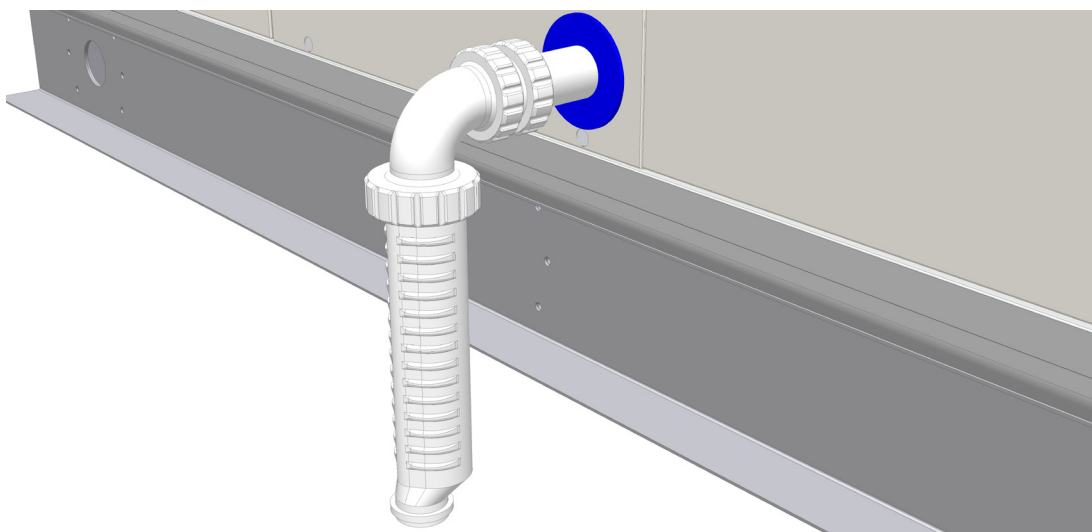


DRAIN-PAN CONNECTION FOR GLOBAL PX (FW)

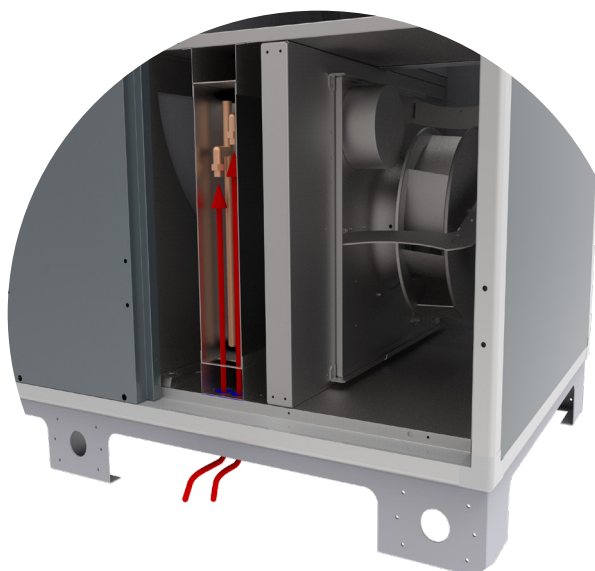
SYPHON FOR INDOOR INSTALLATION



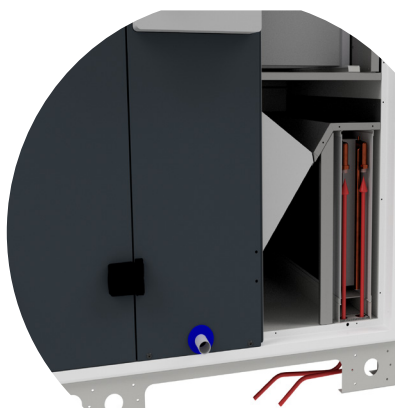
SYPHON FOR OUTDOOR INSTALLATION



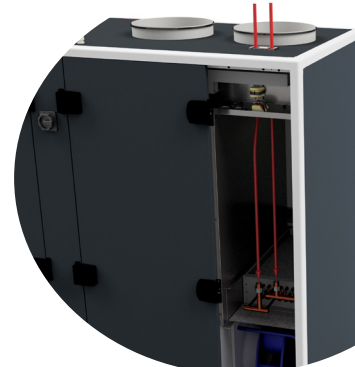
INTERNAL POST-HEATING COIL
GLOBAL RX (TOP)



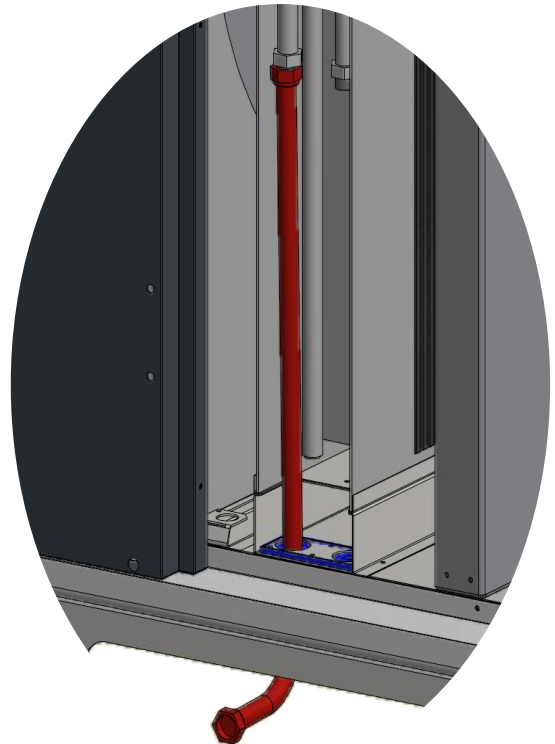
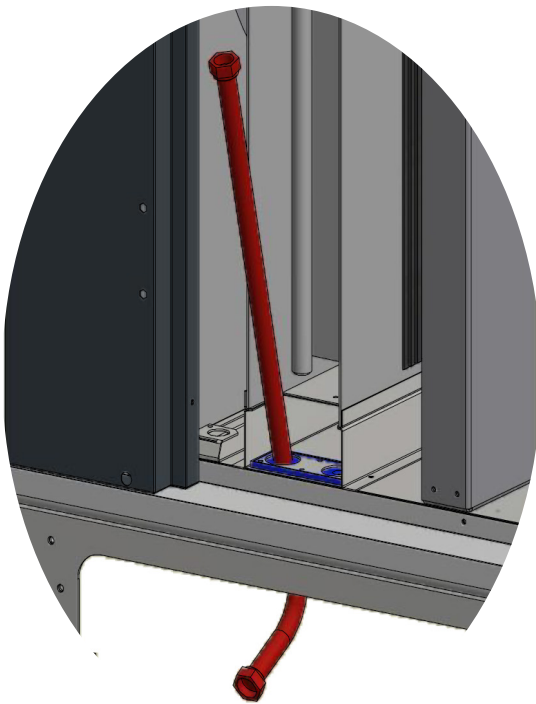
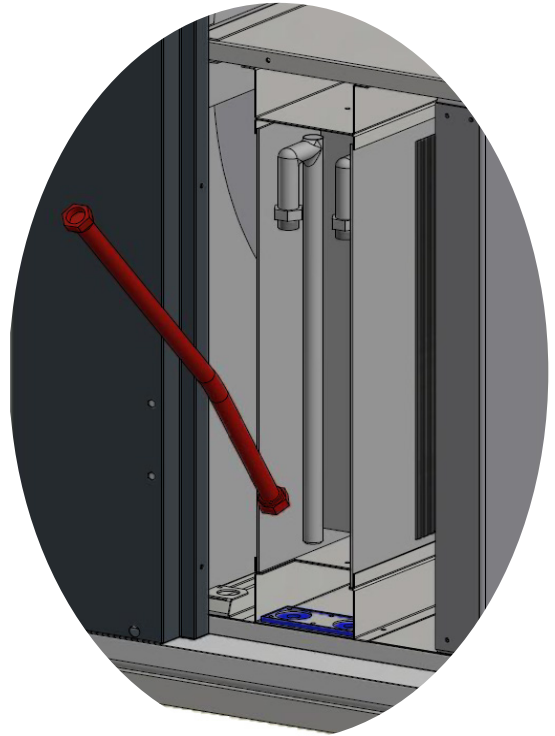
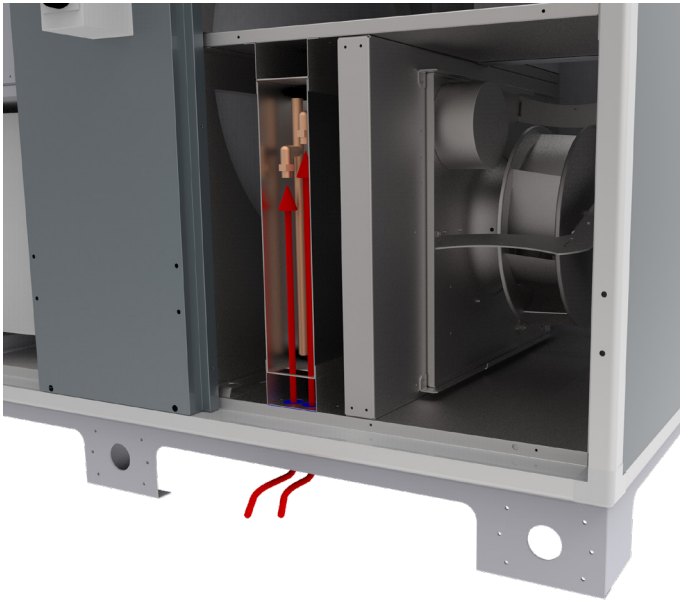
GLOBAL PX



GLOBAL PX TOP

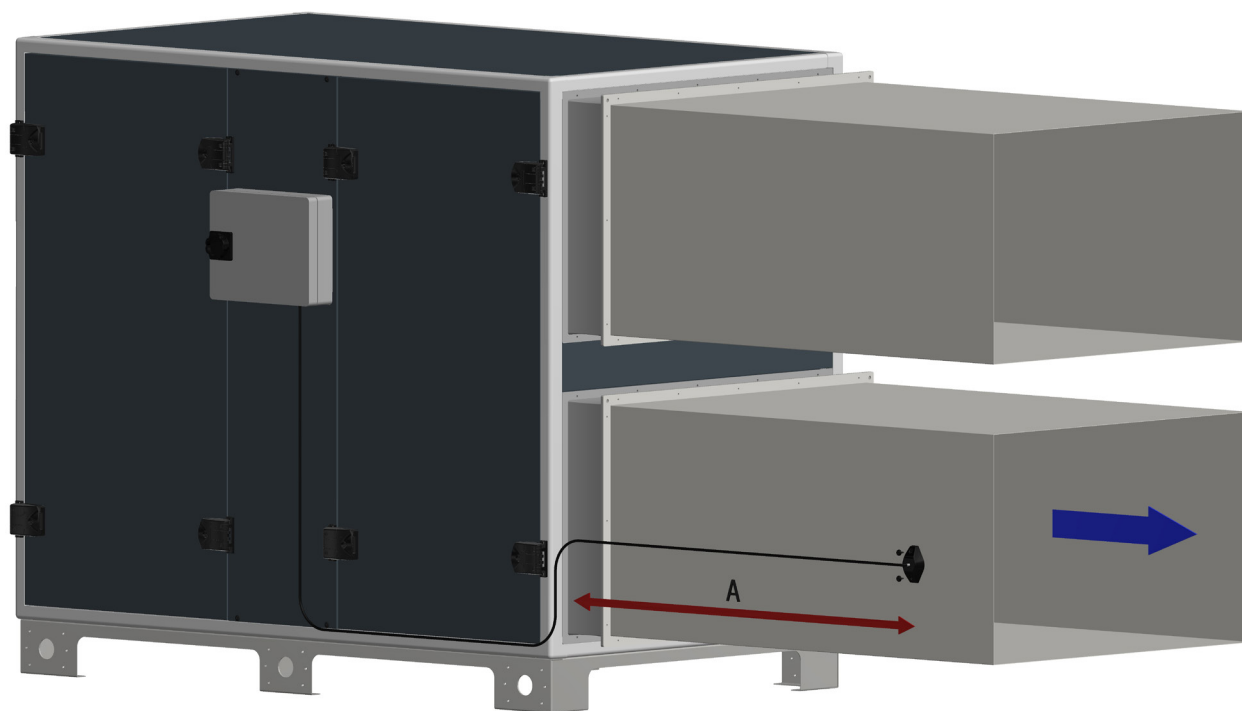


INTERNAL POST-HEATING WATER COIL GLOBAL RX (TOP)

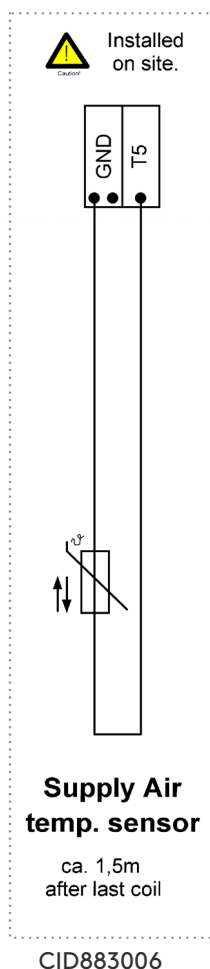


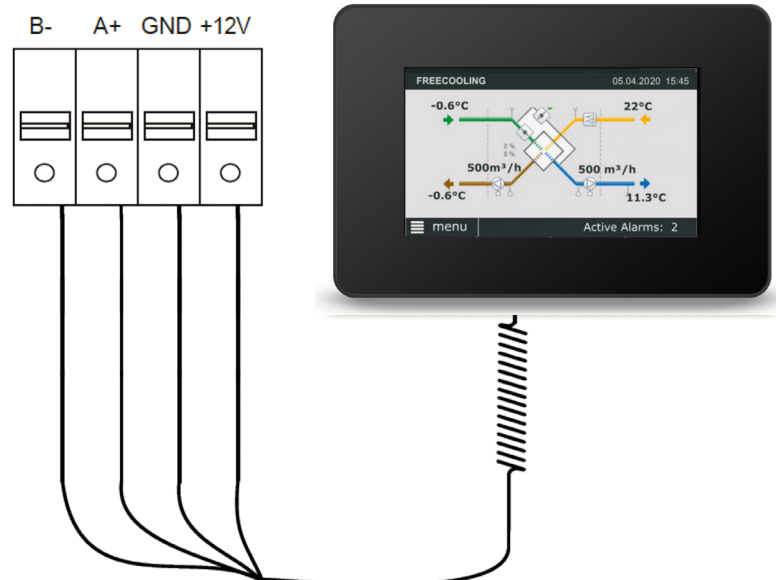
5.3 ELECTRICAL CONNECTIONS

SUPPLY AIR TEMPERATURE SENSOR T5 (CID883060)



A = minimum 1.5 m





The cables used must conform to the RS-485 Standard with twisted pair conductors. The cables must be shielded. Conductor Area 0.2 mm². The total length must not exceed 100 meters.

Electrical cable: Installers need to foresee extra electrical cable length for easier future maintenance of the AHU.

ELECTRICAL POWER SUPPLY

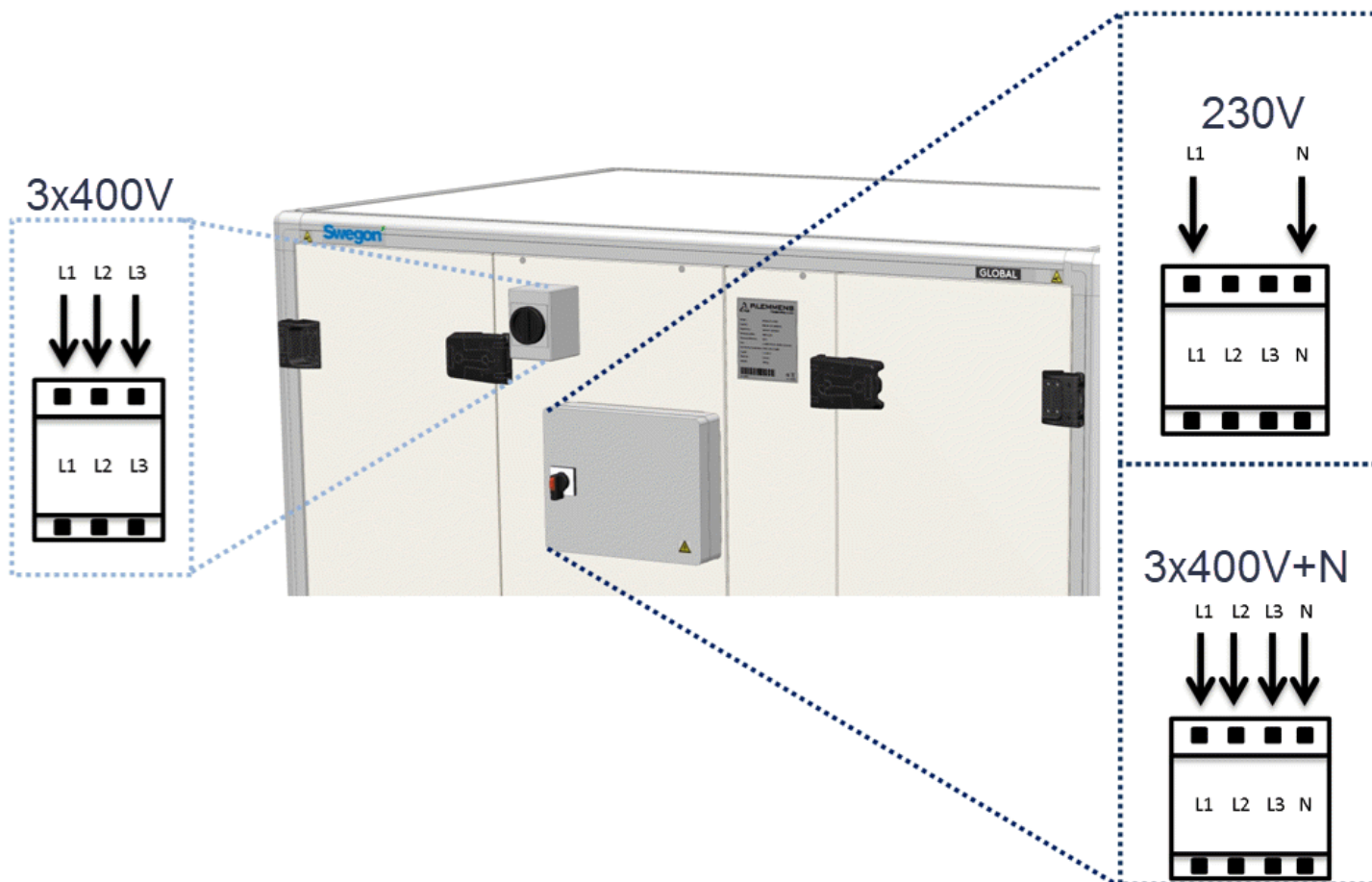
	SIZE	AHU WITHOUT ACCESSORIES		ELECTRICAL HEATER 400V <small>Valid info only for one heater</small>		ELECTRICAL HEATER 230 V <small>Valid info only for one heater</small>	
GLOBAL PX ^{FW}	800 FW	1 X 230 V	7,3 A	3 X 400 V	4,3 A	/	/
	1200 FW	1 X 230 V	7,7 A	3 X 400 V	8,7 A	/	/
	2000FW	1 X 230 V	11,9 A	3 X 400 V	8,7 A	/	/
	3000 FW	1 X 230 V	14,5 A	3 X 400 V	13 A	/	/
	4000 FW	3 X 400 V + N	18,0 A	3 X 400 V	17,3 A	/	/
	5000 FW	3 X 400 V + N	18,0 A	3 X 400 V	26 A	/	/
	6000 FW	3 X 400 V + N	23,1 A	3 X 400 V	26 A	/	/
GLOBAL PX	800	1 X 230 V	5,5 A	3 X 400 V	4,3 A	/	/
	1200	1 X 230 V	5,5 A	3 X 400 V	8,7 A	/	/
	2000	1 X 230 V	11,7 A	3 X 400 V	8,7 A	/	/
	3000	1 X 230 V	11,7 A	3 X 400 V	13 A	/	/
	4000	1 X 230 V	13,9 A	3 X 400 V	17,3 A	/	/
	5000	3 X 400 V + N	6,3 A	3 X 400 V	26 A	/	/
	6000	3 X 400 V + N	6,3 A	3 X 400 V	26 A	/	/
GLOBAL RX	05	1 X 230 V	5,3 A	3 X 400 V	6,5 A	3 X 230 V	11,3 A
	08	1 X 230 V	5,3 A	3 X 400 V	8,7 A	3 X 230 V	15,1 A
	10	1 X 230 V	4,9 A	3 X 400 V	8,7 A	3 X 230 V	15,1 A
	12	1 X 230 V	7,7 A	3 X 400 V	13 A	3 X 230 V	22,6 A
	13	1 X 230 V	7,7 A	3 X 400 V	13 A	3 X 230 V	22,6 A
	14	1 X 230 V	7,7 A	3 X 400 V	17,3 A	3 X 230 V	30,1 A
	16	1 X 230 V	7,7 A	3 X 400 V	17,3 A	3 X 230 V	30,1 A
	18	3 X 400 V + N	6,5 A	3 X 400 V	21,7 A	/	/
	20	3 X 400 V + N	6,5 A	3 X 400 V	26 A	/	/
	24	3 X 400 V + N	6,5 A	3 X 400 V	32,5 A	/	/
	26	3 X 400 V + N	6,5 A	3 X 400 V	32,5 A	/	/
GLOBAL RX TOP	05	1 X 230 V	5,3 A	3 X 400 V	6,5 A	3 X 230 V	11,3 A
	08	1 X 230 V	5,3 A	3 X 400 V	8,7 A	3 X 230 V	15,1 A
	10	1 X 230 V	4,9 A	3 X 400 V	8,7 A	3 X 230 V	15,1 A
	12	1 X 230 V	7,7 A	3 X 400 V	8,7 A	3 X 230 V	15,1 A
	13	1 X 230 V	7,7 A	3 X 400 V	13 A	3 X 230 V	22,6 A
	14	1 X 230 V	7,7 A	3 X 400 V	13 A	3 X 230 V	22,6 A
	16	1 X 230 V	7,7 A	3 X 400 V	17,3 A	3 X 230 V	30,1 A
GLOBAL LP	02	1 X 230 V	3,1 A	/	/	1 X 230 V	13 A
	04	1 X 230 V	3,1 A	/	/	1 X 230 V	13 A
	06	1 X 230 V	5,3 A	3 X 400 V	6,5 A	/	/
	08	1 X 230 V	5,3 A	3 X 400 V	8,7 A	/	/
	10	1 X 230 V	4,9 A	3 X 400 V	8,7 A	/	/
	12	1 X 230 V	7,7 A	3 X 400 V	13 A	/	/
	13	1 X 230 V	7,7 A	3 X 400 V	13 A	/	/
	14	1 X 230 V	7,7 A	3 X 400 V	13 A	/	/
	16	1 X 230 V	12,7 A	3 X 400 V	17,3 A	/	/
	18	1 X 230 V	12,7 A	3 X 400 V	17,3 A	/	/
GLOBAL LP OUT	08	1 X 230 V	5,3 A	3 X 400 V	8,7 A	/	/
	10	1 X 230 V	4,9 A	3 X 400 V	8,7 A	/	/

Please refer to our selection software for more detailed information of any specific lay-out or configuration.

All internal components (fans, controls, sensors, actuators...) to the control board are pre-wired at the factory. The power supply must be connected to the safety isolating switch by a qualified electrician. Earthing is obligatory according EN61557. The fuses are of D-type, the circuit breaker is of B+ type.

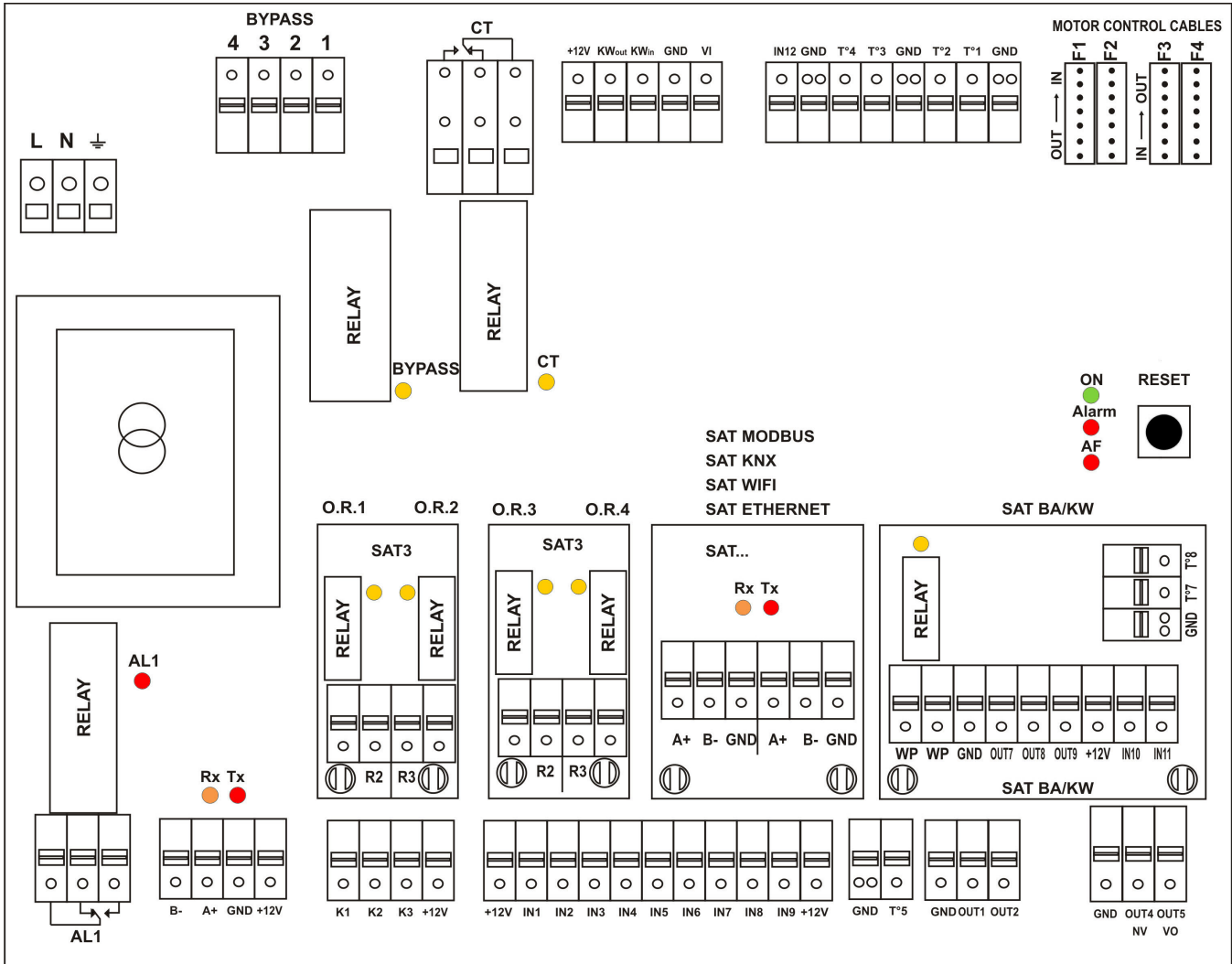


	SIZE	AHU WITHOUT ACCESSORIES		ELECTRICAL HEATER 400V Valid info only for one heater		ELECTRICAL HEATER 230 V Valid info only for one heater	
GLOBAL LP ^{FW}	450 FW	1 X 230 V	2,9 A	/	/	1 X 230 V	6,5 A
	600 FW	1 X 230 V	3,1 A	/	/	1 X 230 V	8,7 A
	1000 FW	1 X 230 V	7,7 A	/	/	1 X 230 V	13 A
	1300 FW	1 X 230 V	11,9 A	3 X 400 V	8,7 A	/	/
	1600 FW	1 X 230 V	11,9 A	3 X 400 V	8,7 A	/	/
	2000 FW	1 X 230 V	11,7 A	3 X 400 V	8,7 A	/	/
GLOBAL PX	04	1 X 230 V	5,3 A	3 X 400 V	4,3 A	3 X 230 V	7,5 A
	05	1 X 230 V	5,3 A	3 X 400 V	4,3 A	3 X 230 V	7,5 A
	06	1 X 230 V	5,3 A	3 X 400 V	8,7 A	3 X 230 V	15,1 A
	08	1 X 230 V	5,3 A	3 X 400 V	8,7 A	3 X 230 V	15,1 A
	10	1 X 230 V	4,9 A	3 X 400 V	10,8 A	3 X 230 V	18,8 A
	12	1 X 230 V	7,7 A	3 X 400 V	13 A	3 X 230 V	22,6 A
	13	1 X 230 V	7,7 A	3 X 400 V	13 A	3 X 230 V	22,6 A
	14	1 X 230 V	7,7 A	3 X 400 V	13 A	3 X 230 V	22,6 A
	16	1 X 230 V	7,7 A	3 X 400 V	17,3 A	3 X 230 V	30,1 A
	20	1 X 230 V	12,7 A	3 X 400 V	21,7 A	/	/
	24	3 X 400 V + N	6,5 A	3 X 400 V	32,5 A	/	/
	26	3 X 400 V + N	6,5 A	3 X 400 V	32,5 A	/	/
GLOBAL PX TOP	05	1 X 230 V	5,3 A	3 X 400 V	4,3 A	3 X 230 V	7,5 A
	08	1 X 230 V	5,3 A	3 X 400 V	8,7 A	3 X 230 V	15,1 A
	10	1 X 230 V	7,7 A	3 X 400 V	8,7 A	3 X 230 V	15,1 A
	12	1 X 230 V	7,7 A	3 X 400 V	13 A	3 X 230 V	22,6 A
	14	1 X 230 V	7,7 A	3 X 400 V	13 A	3 X 230 V	22,6 A
	18	1 X 230 V	12,7 A	3 X 400 V	17,3 A	3 X 230 V	30,1 A



5.4 TAC CONTROL BOARD

MAIN CONTROL BOARD TAC DG - CID026000



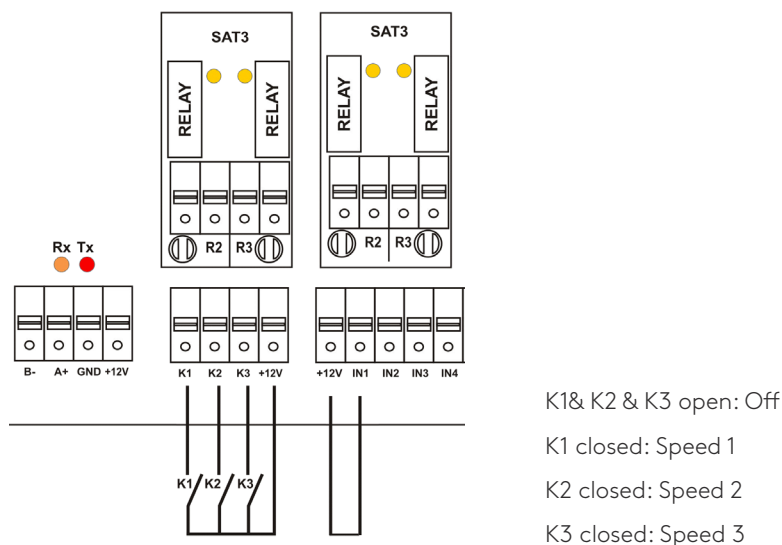
CT = output to CT actuator(s) (option - prewired)	IN1 = Master selection
BYPASS = output to bypass actuator (prewired)	IN2 = dPa (pressostat digital input)
AL1 = ALARM OUTPUT (230V/5A)	IN3 = Fire alarm input
B- /A+ /GND/ +12V = connection to HMI TACtouch	IN4 = Bypass open / Stop heat recovery
K1 : Airflow MODE = m³/h K1	IN5 = Real time clock auto/manu
Demand/Pressure control = START/STOP	IN6 = ON/OFF post heating (IBA/KWout)
Torque MODE = %torque K1	IN7 = ON/OFF SUPPLY if fire alarm
K2 : Airflow control = m³/h K2	IN8 = ON/OFF EXHAUST if fire alarm
Demand/Pressure control = 0-10V INPUT	IN9 = BOOST Airflow
Torque control = %torque K2	IN12 = PWM input bypass position
K3 : Airflow control = m³/h K3	OUT1 = 0-10V OUTPUT (airflow/pressure)
Demand/Pressure control = % ON K3 or 0-10 V INPUT	OUT2 = 0-10V OUTPUT (airflow/pressure)
Torque control = %torque K3	OUT4 = 0-10V OUTPUT internal post heating (IBA)
T1 = from outdoors T° sensor (prewired)	OUT5 = 24VDC/1A
T2 = from indoors T° sensor (prewired)	O.R.1 (output relay 1 - SAT3) = PRESSURE ALARM
T3 = to outdoors T° sensor (prewired)	O.R.2 (output relay 2 - SAT3) = FAN ON
T4 = IBA anti freeze protection T° sensor (option - prewired)	O.R.3 (output relay 3 - SAT3) = HEATING DEMAND OUTPUT
T5 = supply T° sensor for IBA/KWout coil (option - prewired)	O.R.4 (output relay 4 - SAT3) = BYPASS STATUS
PR1 = ΔPa from supply inlet fan (only on PX - option)	KWIn = output for KWIn capacity control (option - prewired)
PR3 = ΔPa from exhaust inlet fan (only on PX - option)	KWout = output for KWout capacity control (option - prewired)

6.0 Test start

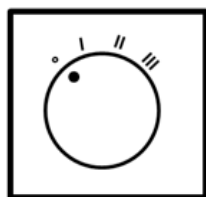
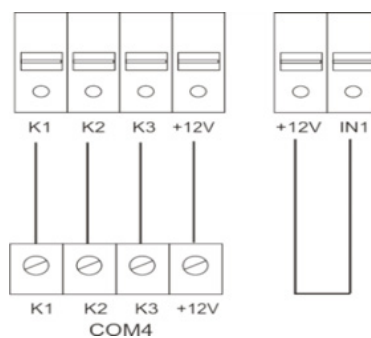
GLOBAL Air handling Unit

Quick test start on site with factory settings (not yet commissioned). This is designed to make an initial functional test. A complete Set-up must be performed afterwards. Accessories are preconfigured with standard settings as listed in the Operation and Maintenance Manual downloadable on our website.

6.1 TEST START WITHOUT USER INTERFACE



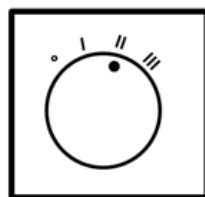
6.2 TEST START WITH POSITION SWITCH (COM4) CID010007



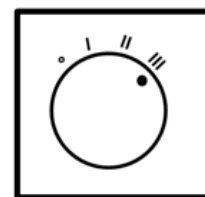
OFF



Speed 1



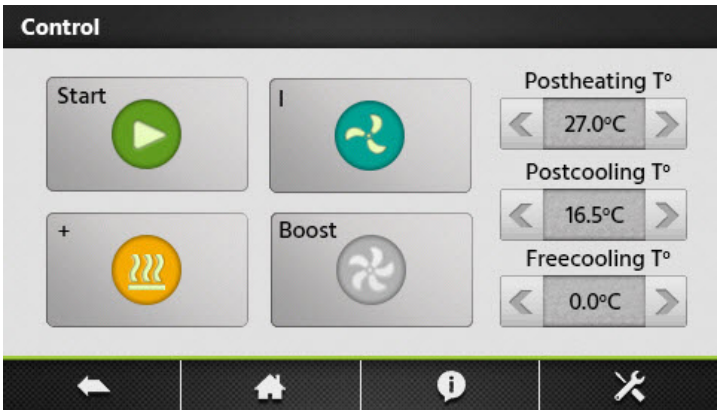
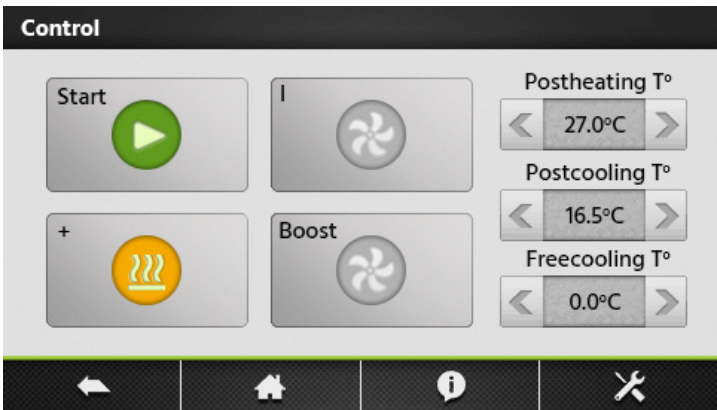
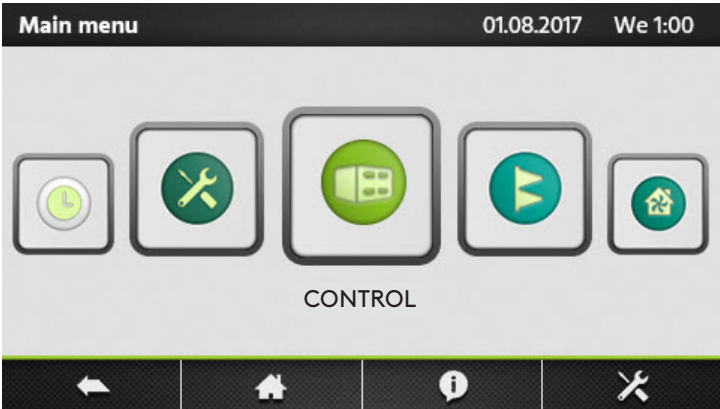
Speed 2

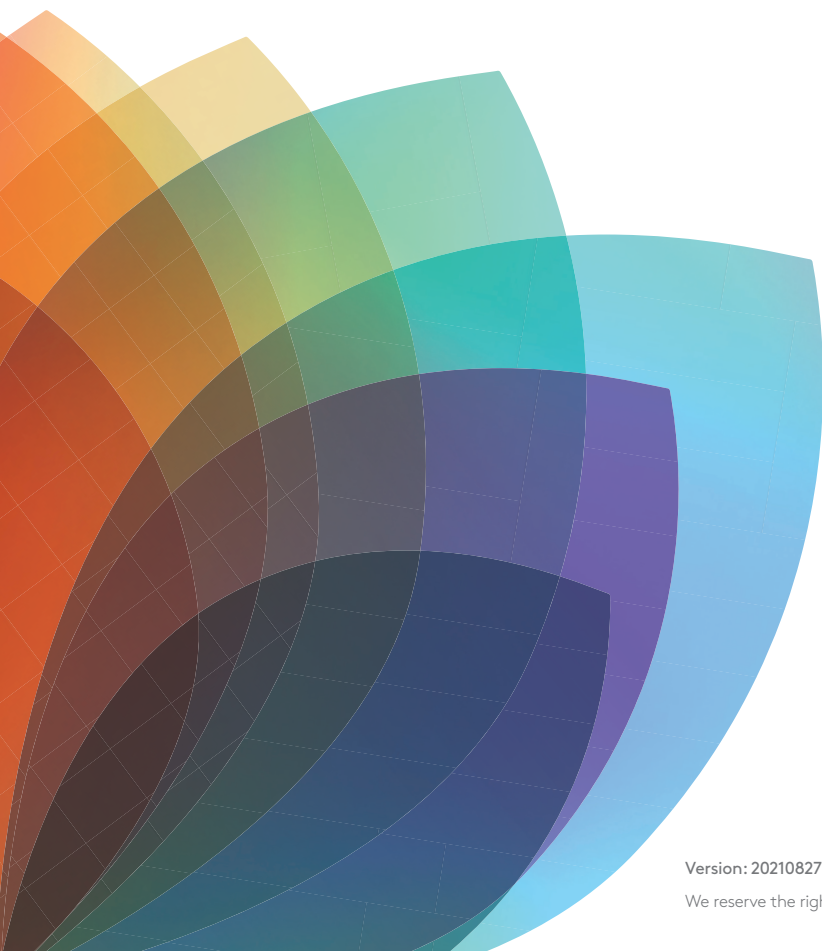


Speed 3

6.3 TEST START WITH TACtouch interface
CID372096

Main menu: Control





Version: 20210827
We reserve the right for changes.

Swegon 