

Installation Instructions

GLOBAL PX/RX/LP



GLOBAL PX/RX/LP

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CID010007

CID372096

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	800/1200/2000/ 3000/4000/6000	Yes, electrical	Yes, electrical or water	Left/Right	Backward
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

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.

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.



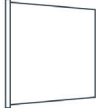














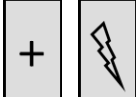

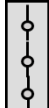
GLOBAL units equipped with plate heat exchangers (PX) can also be used for the ventilation of moderately humid buildings; however not where the humidity is continuously high, such as in indoor swimming baths, saunas, spas or wellness centres.

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

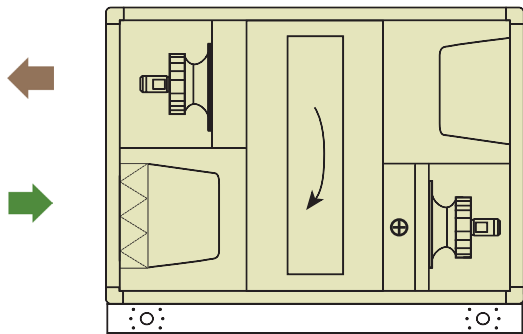
	BW	BACKWARD CURVED FAN		FW	FORWARD CURVED FAN
	BF	BAG FILTER		PF	PLEATED FILTER
	RX	ROTARY HEAT EXCHANGER		PX	PLATE HEAT EXCHANGER
	WARNING				
	Must be connected by a qualified Electrician. Warning! Hazardous voltage.				
	OUTDOOR AIR		Air from outdoor to the AHU		
	SUPPLY AIR		Air from the AHU to the building		
	EXTRACT AIR		Air from the building to the AHU		
	EXHAUST AIR		Air from the AHU to outdoor		
	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	SC		MS	FLEXIBLE CONNECTION
CIRCULAR DUCT CONNECTION		ER	For inlet	SR	For outlet

3.0 Product Overview

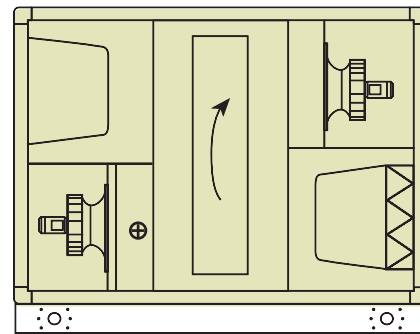
3.1 GENERAL OVERVIEW

RIGHT HAND UNIT (SUPPLY AIR TO THE RIGHT)

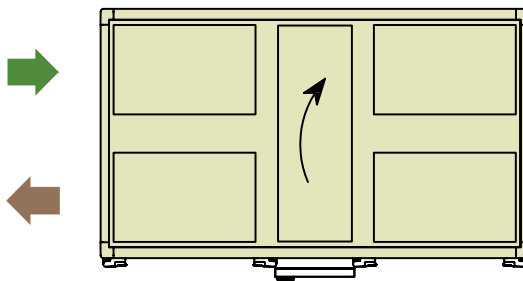
LEFT HAND UNIT (SUPPLY AIR TO THE LEFT)



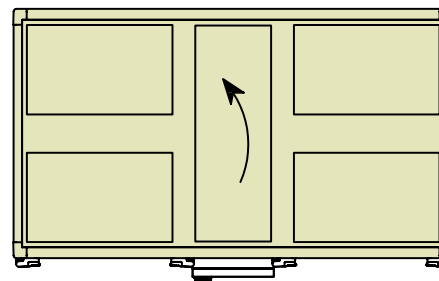
GLOBAL RX



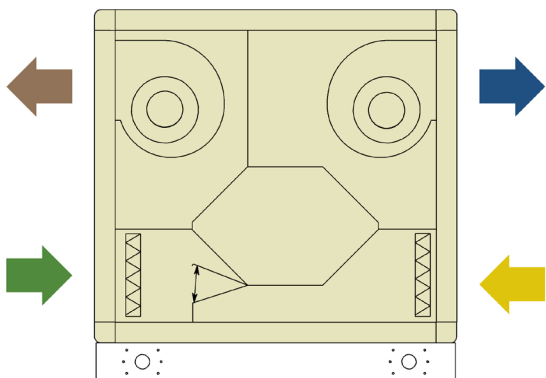
GLOBAL RX



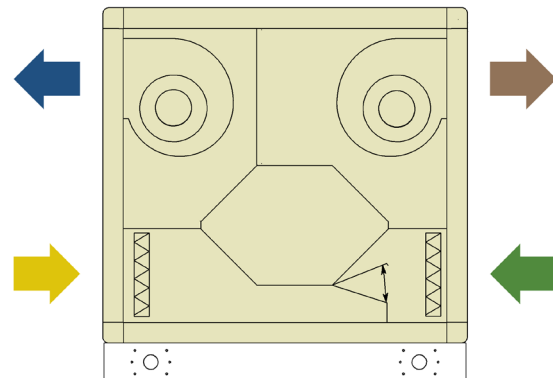
GLOBAL RX TOP



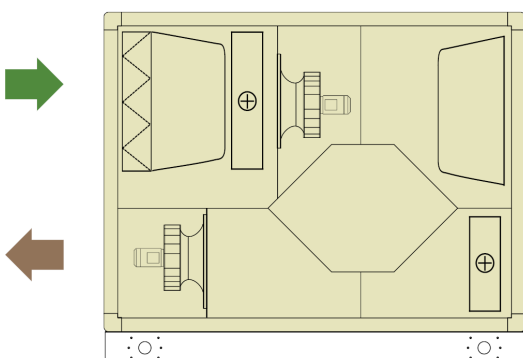
GLOBAL RX TOP



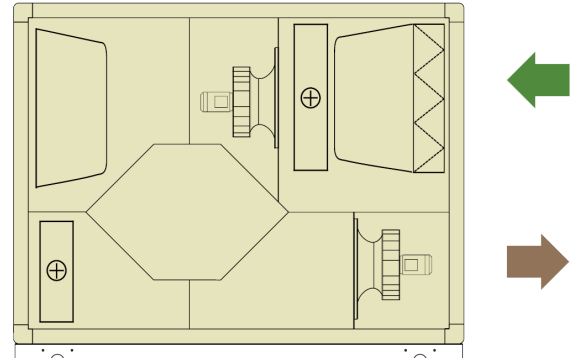
GLOBAL PX^{FW}



GLOBAL PX^{FW}



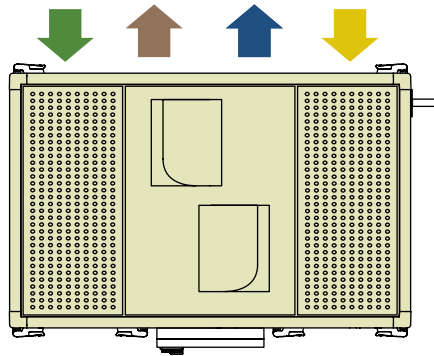
GLOBAL PX



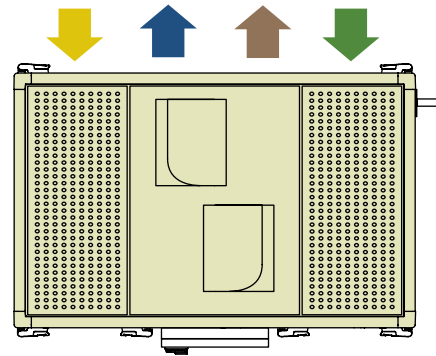
GLOBAL PX

RIGHT HAND UNIT (SUPPLY AIR TO THE RIGHT)

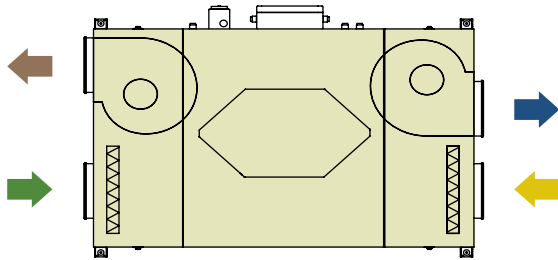
LEFT HAND UNIT (SUPPLY AIR TO THE LEFT)



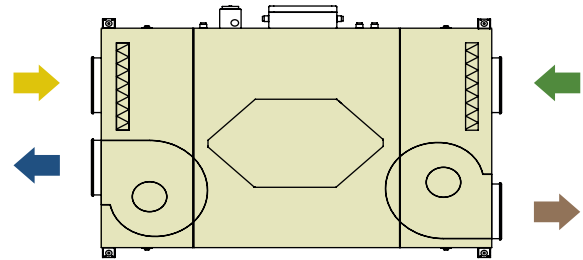
GLOBAL PX TOP^{FW}



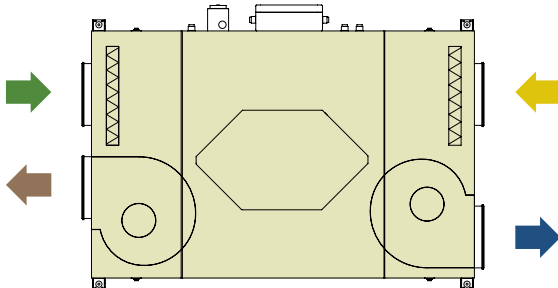
GLOBAL PX TOP^{FW}



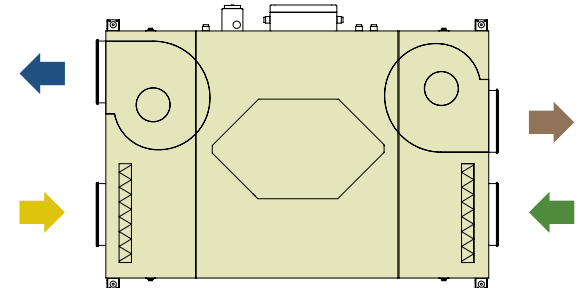
GLOBAL LP 450^{FW} (BOTTOM view)



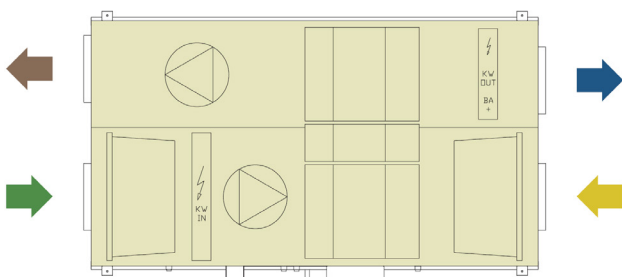
GLOBAL LP 450^{FW} (BOTTOM view)



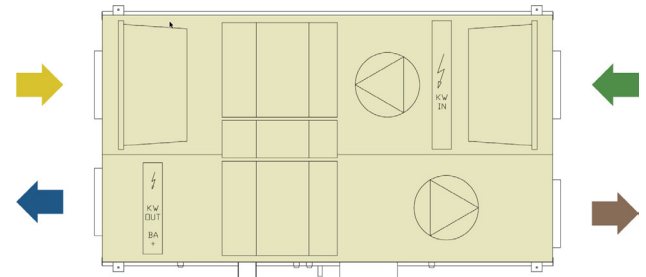
GLOBAL LP 600 - 2000^{FW} (BOTTOM view)



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



GLOBAL LP (TOP view)



GLOBAL LP (TOP view)

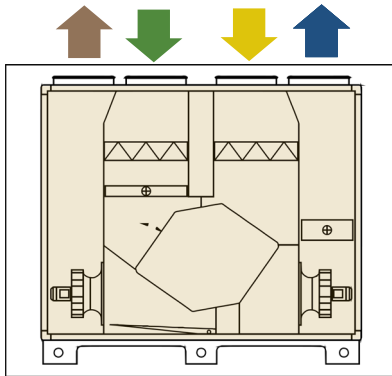


ATTENTION

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.

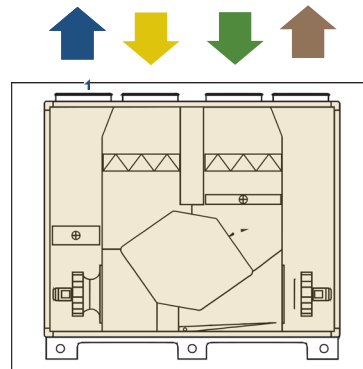
The difference between left and right LP units is the factory placement of the controls box on opposite sides.

RIGHT HAND UNIT (SUPPLY AIR TO THE RIGHT)

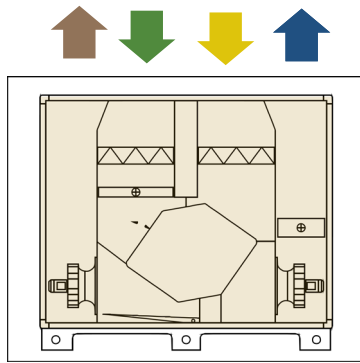


PX TOP 05 - 10

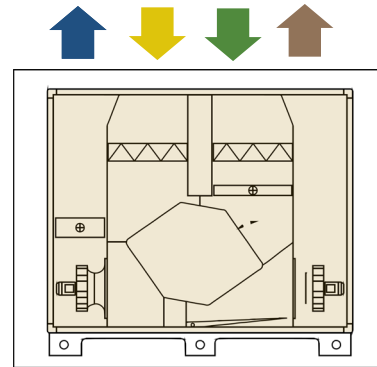
LEFT HAND UNIT (SUPPLY AIR TO THE LEFT)



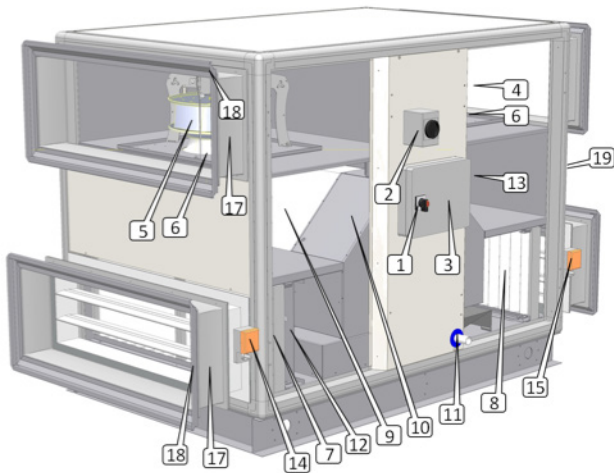
PX TOP 05 - 10



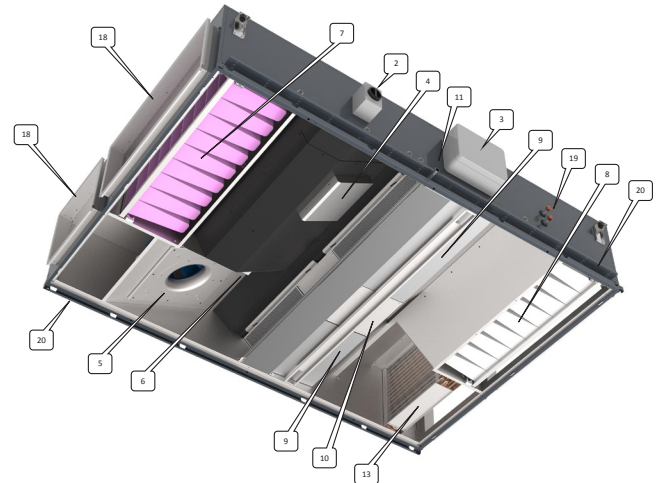
PX TOP 12 - 18



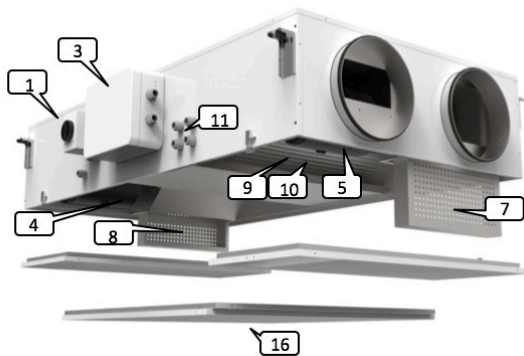
PX TOP 12 - 18



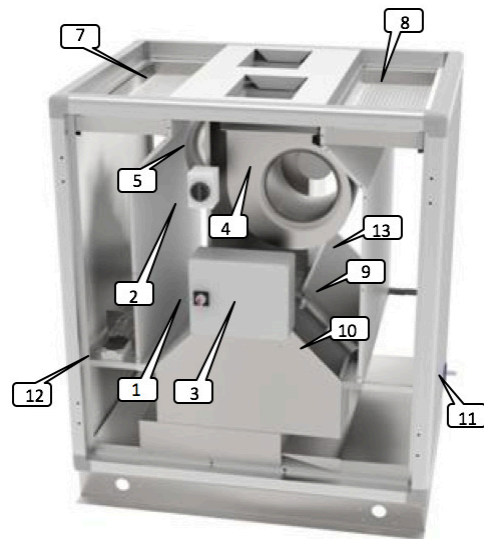
GLOBAL PX (FW)



GLOBAL LP



GLOBAL LP^{FW}



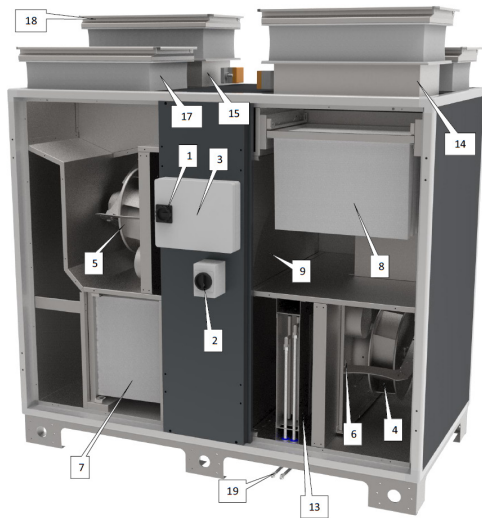
GLOBAL PX TOP^{FW}

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 (accessory)
14. Motorised damper (accessory)
15. Motorised damper (accessory)
16. Access panel (LP only)
17. Flexible sleeve (accessory)
18. Slip clamp (accessory)
19. Water connection for post-heating (accessory)

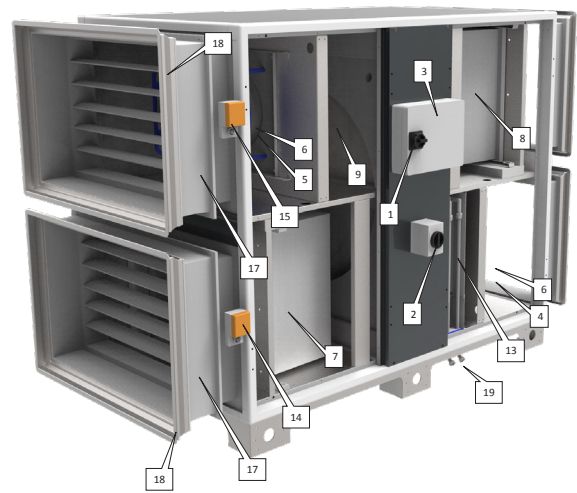


1, 2 and 3 must be installed by a qualified electrician

Note: internal electrical coils, motorised dampers, internal fan-pressure sensors, flexible connections and slip-clamps must 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

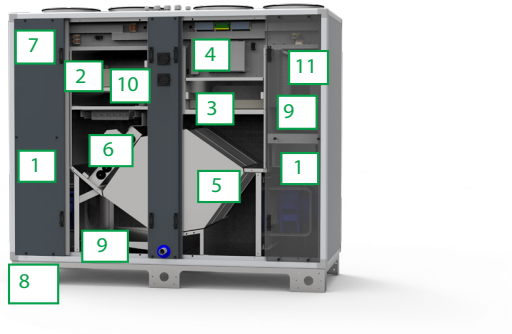
- | | |
|--|---|
| <ul style="list-style-type: none"> 1. Main switch for power supply AHU 2. Main switch for power supply electrical coils (both internal pre-heating and post-heating) 3. Electrical cabinet 4. Supply fan 5. Extract fan 6. Kit CA -airflow measurement (option) 7. Outdoor air filter (bag or pleated) 8. Extract air filter (bag or pleated) 9. Heat exchanger (Plate or Rotary) | <ul style="list-style-type: none"> 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 (accessory) 14. Motorised damper (accessory) 15. Motorised damper (accessory) 16. Access panel (LP only) 17. Flexible sleeve (accessory) 18. Slip clamp (accessory) 19. Water connection for post-heating (accessory) |
|--|---|



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

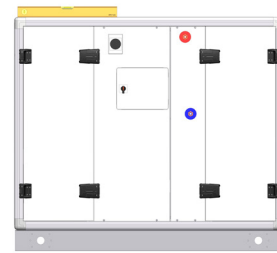
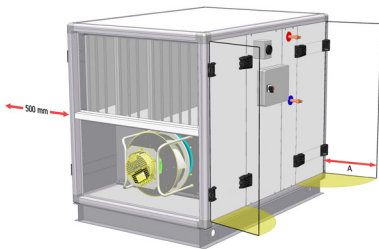
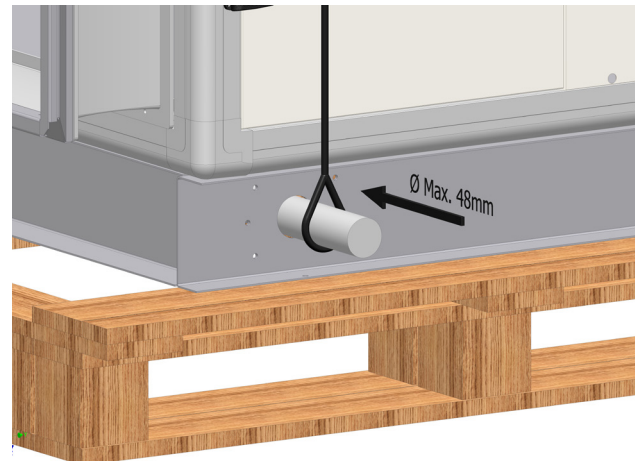
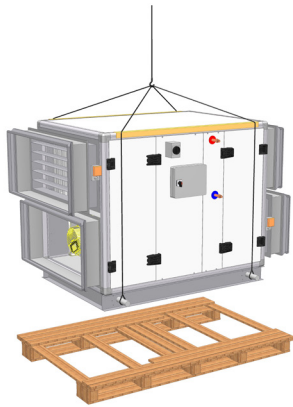
Note: internal electrical coils, motorized dampers, internal fan-pressure sensors, flexible connections and slip-clamps have to be ordered initially and are all pre-mounted and factory wired. Internal heating water-coil accessory is pre-mounted but has to be hydraulically and electrically connected by 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 TAC5 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.

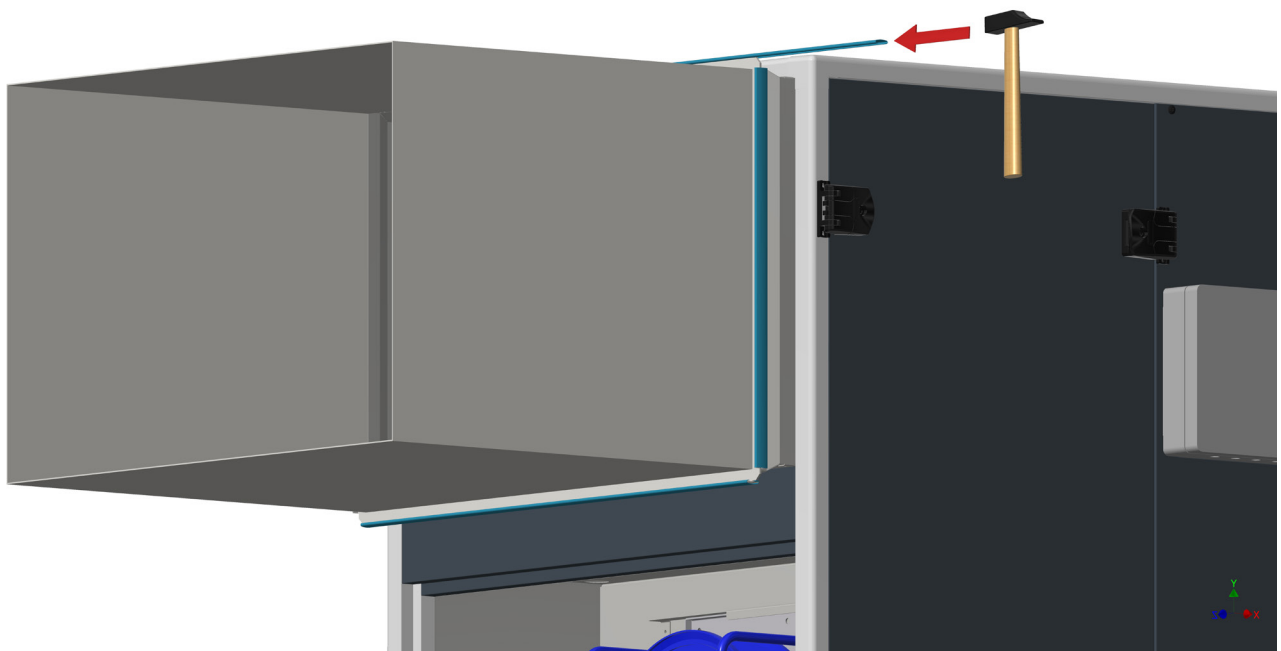
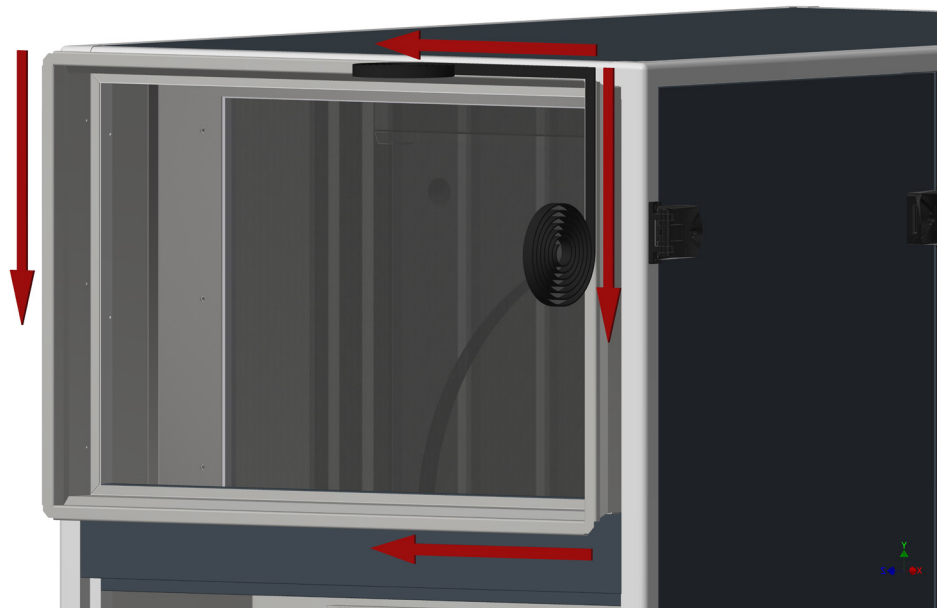
5.0 Installation

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.

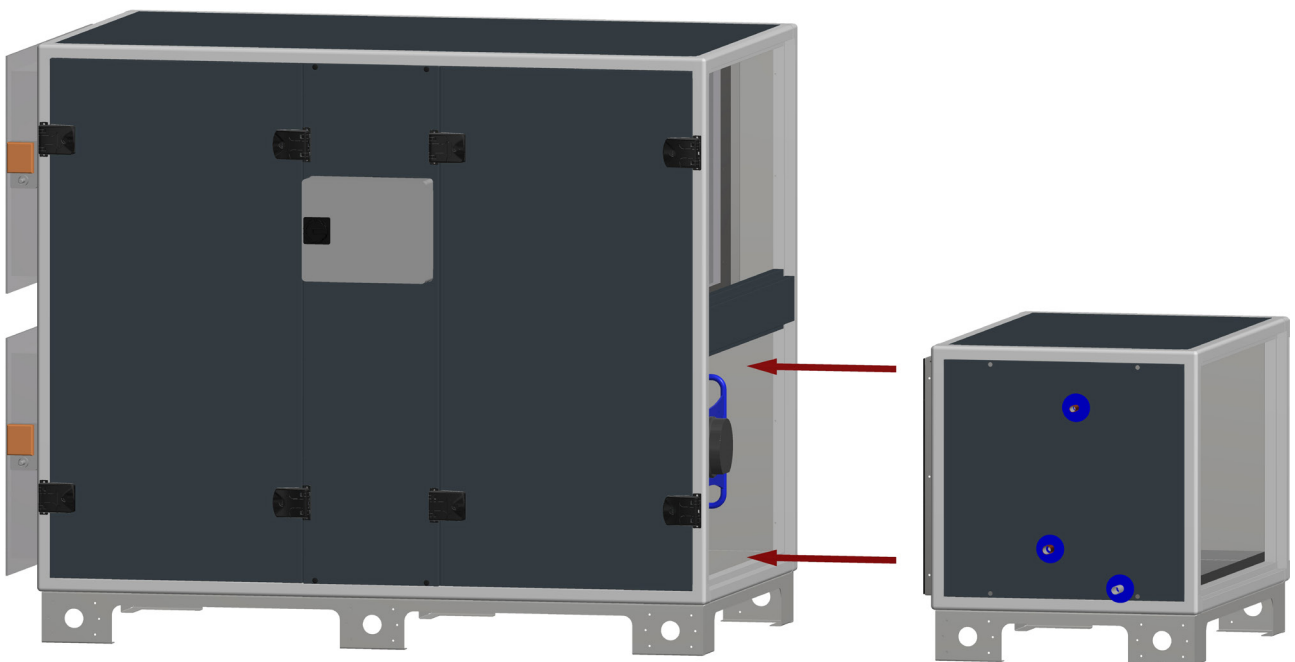
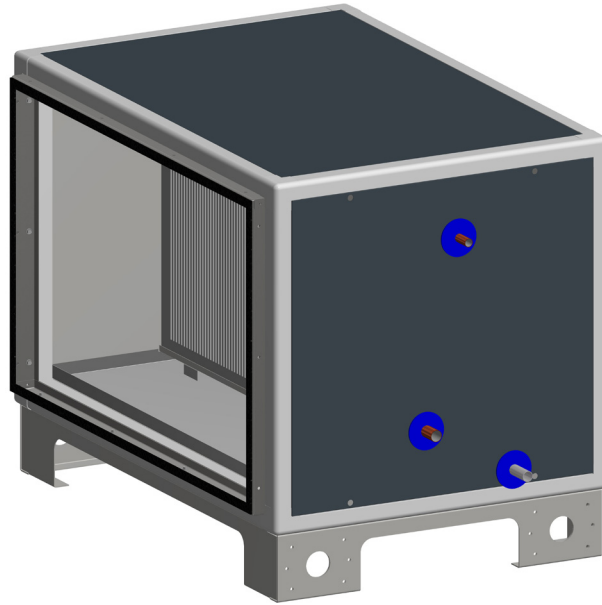
5.1 MECHANICAL INSTALLATION

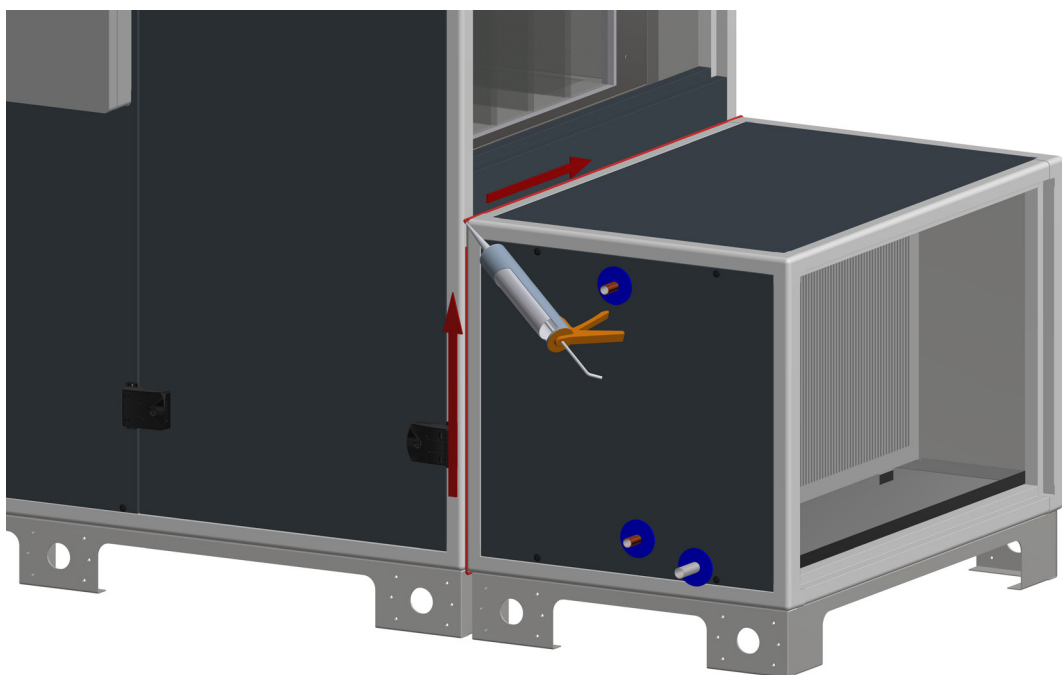
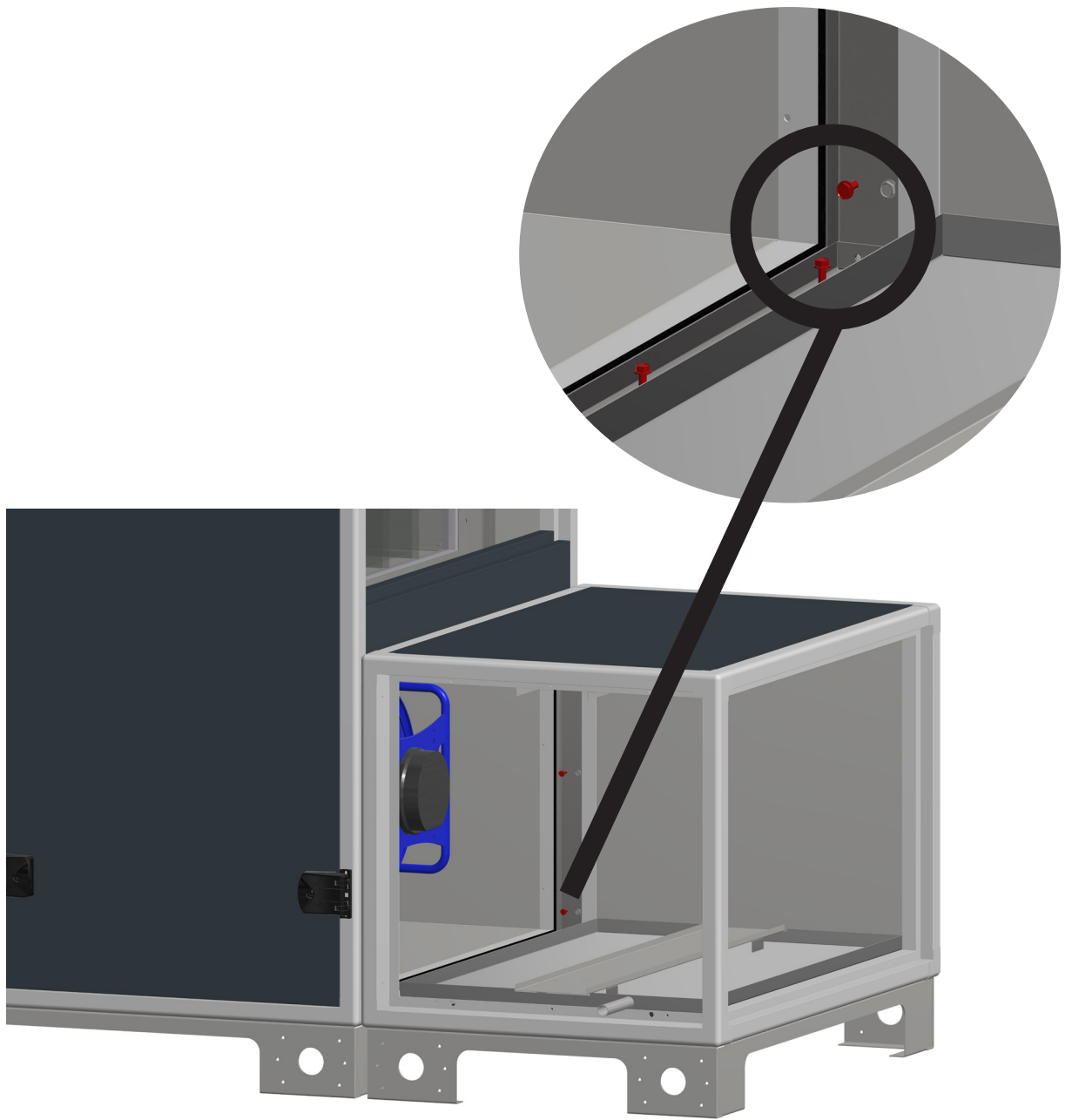
Note: Some accessories are shipped inside of the unit.

SLIP CLAMPS (SC)

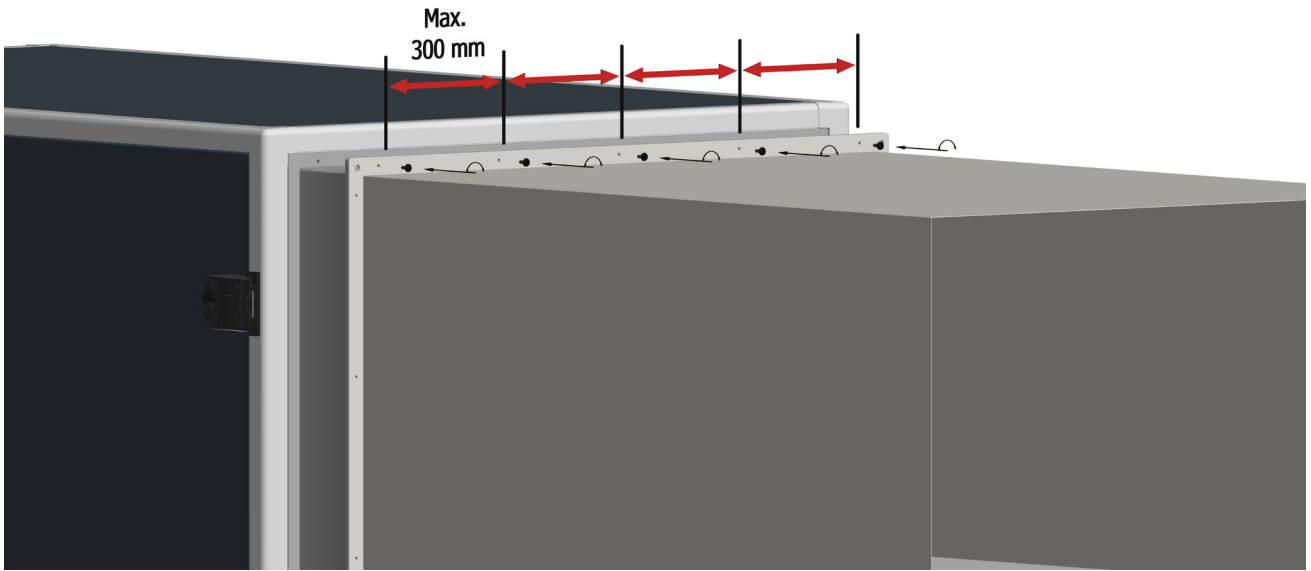
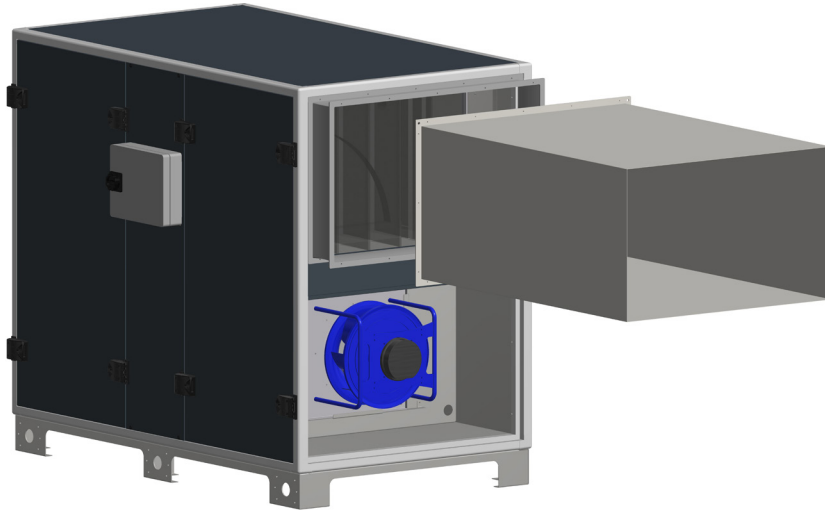


EXTERNAL INSULATED CASING (ECA)

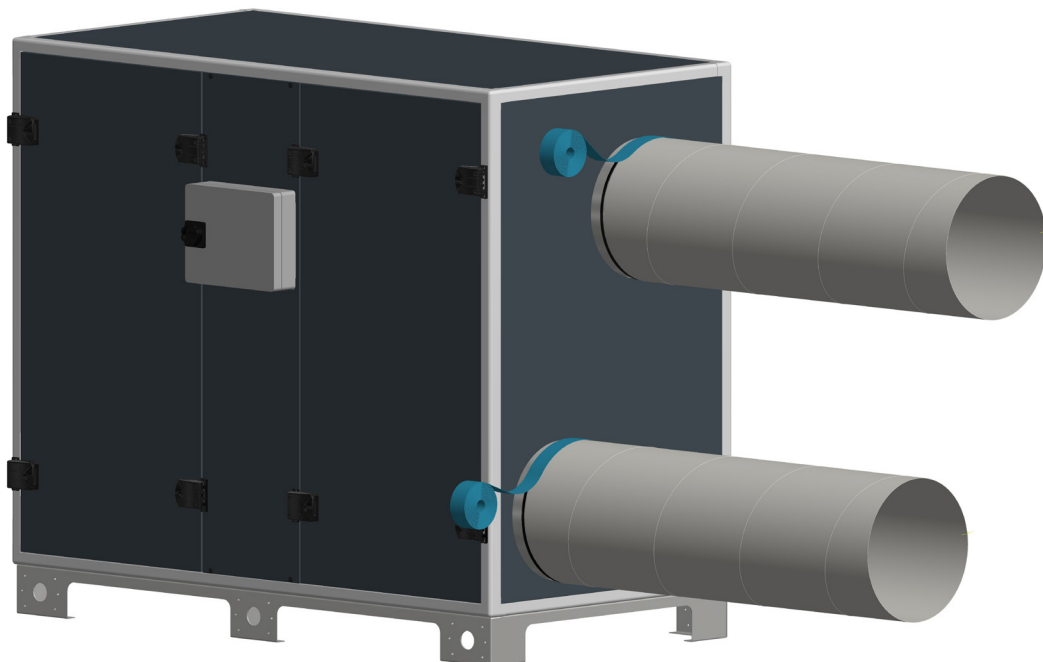




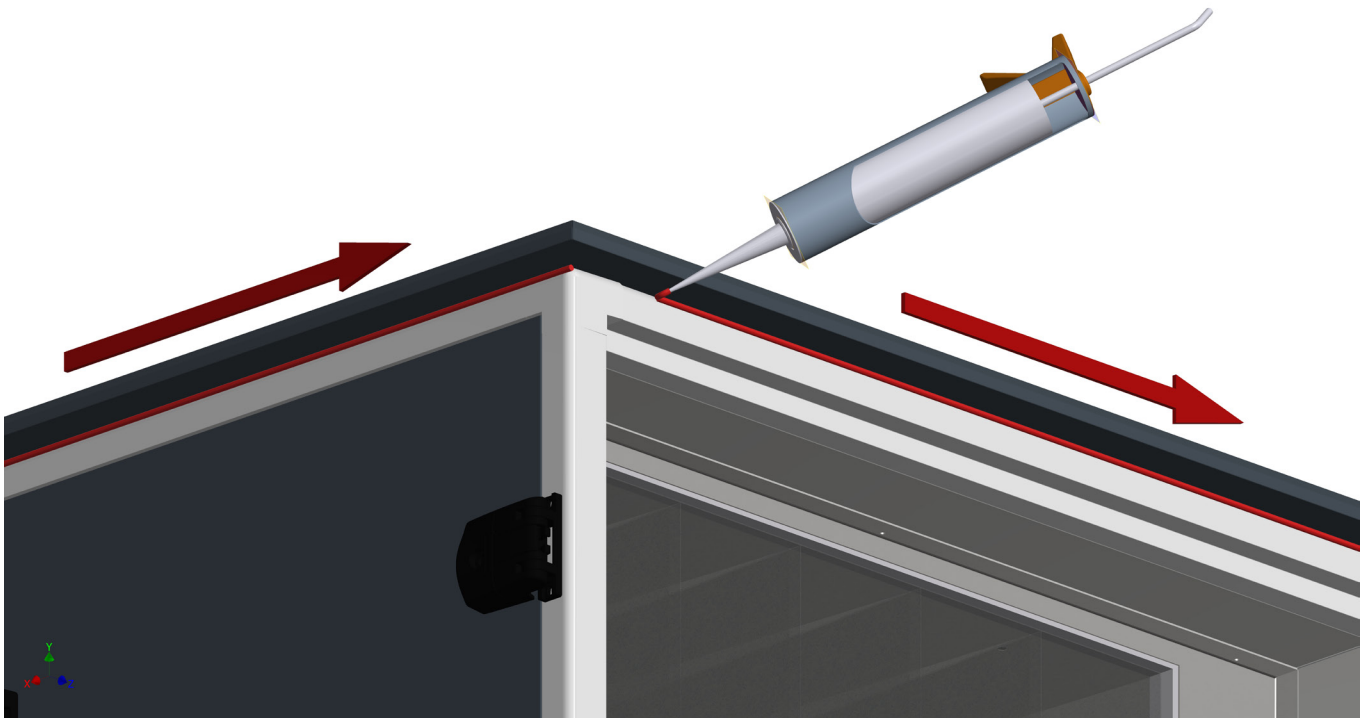
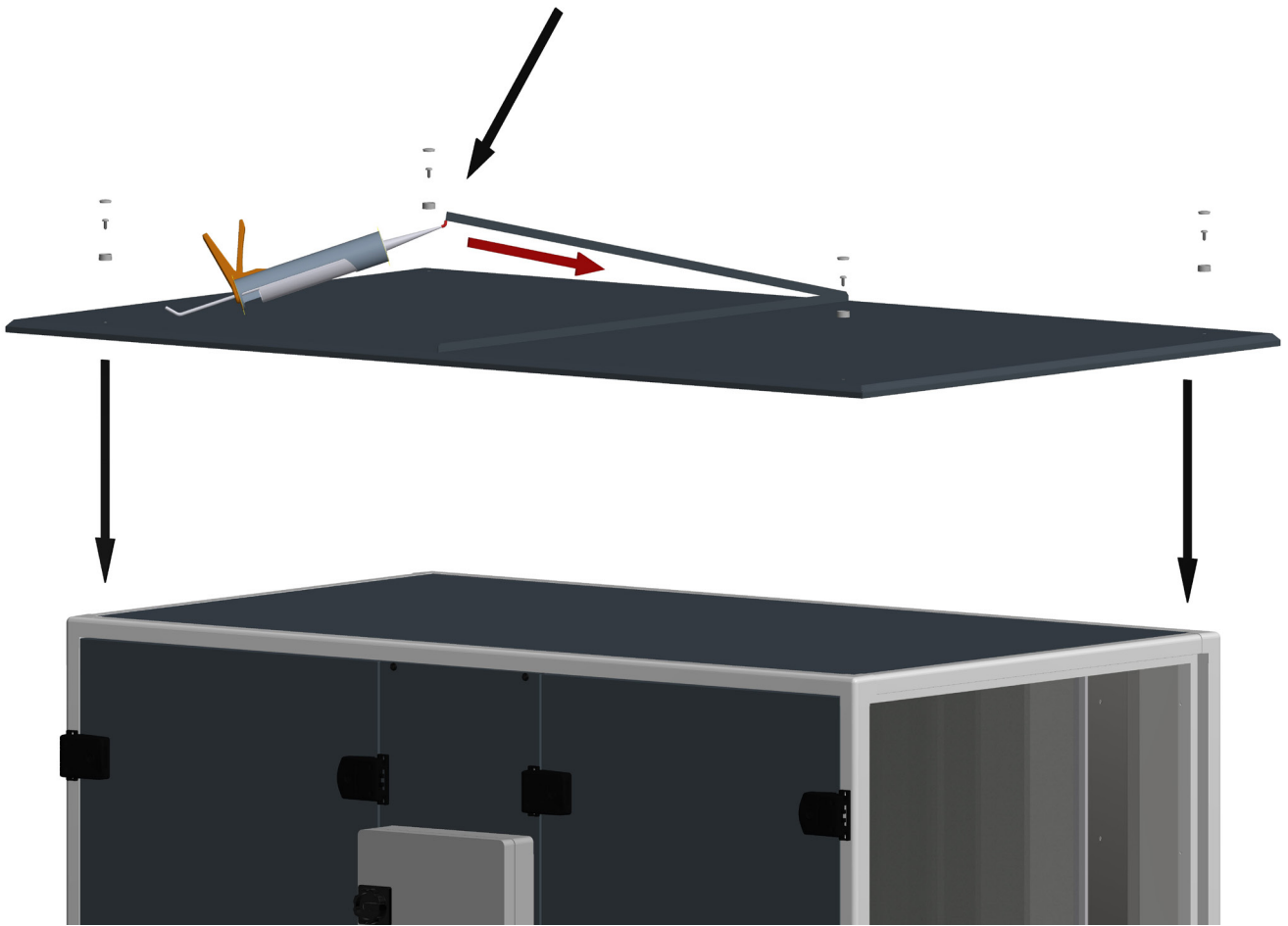
FLEXIBLE CONNECTIONS (MS)



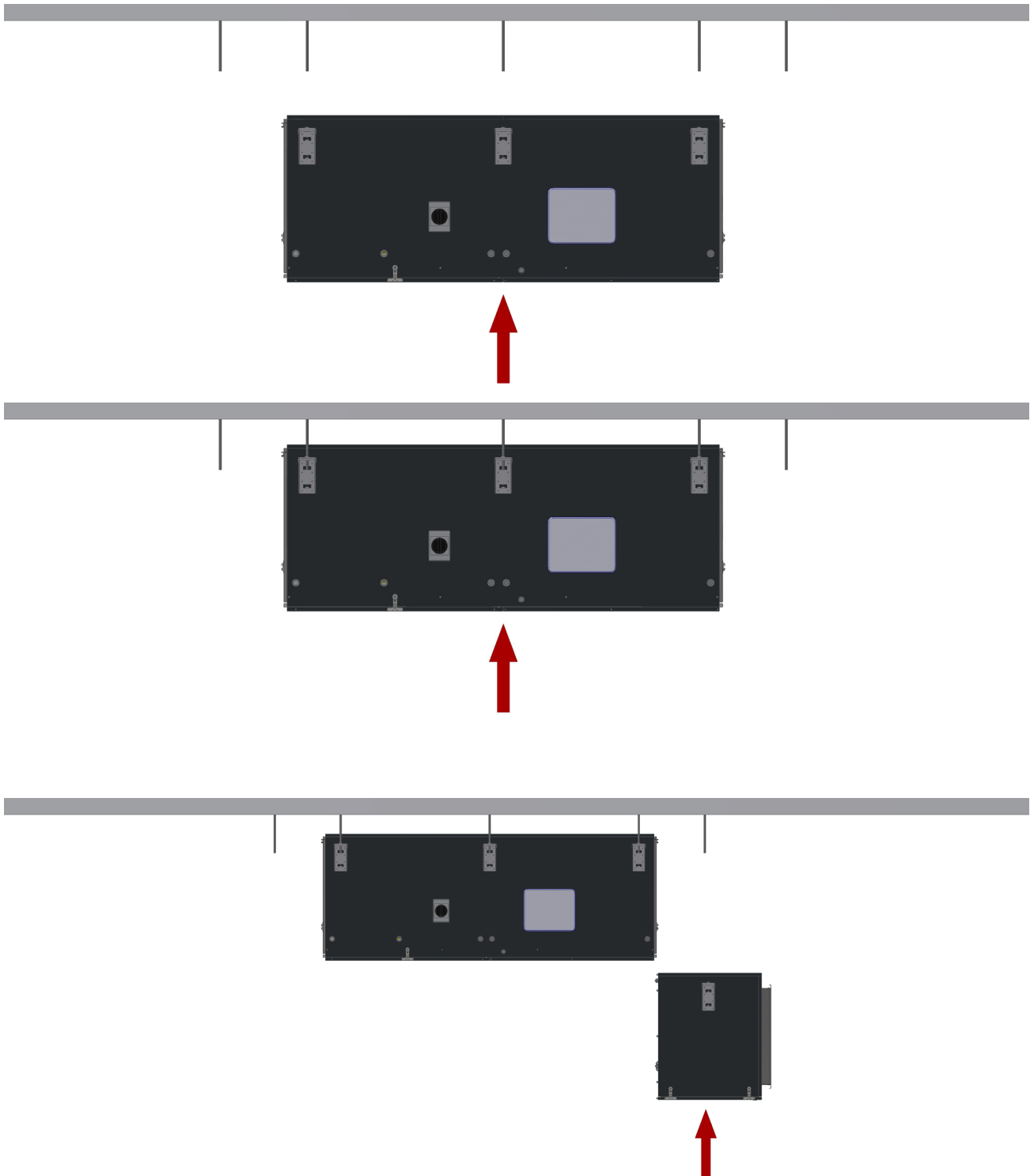
CIRCULAR CONNECTIONS

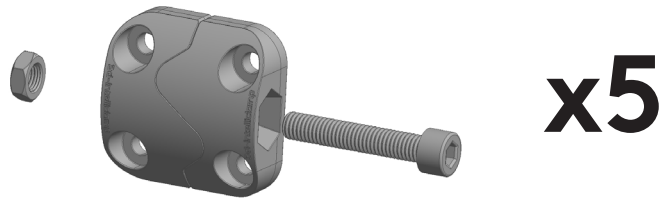
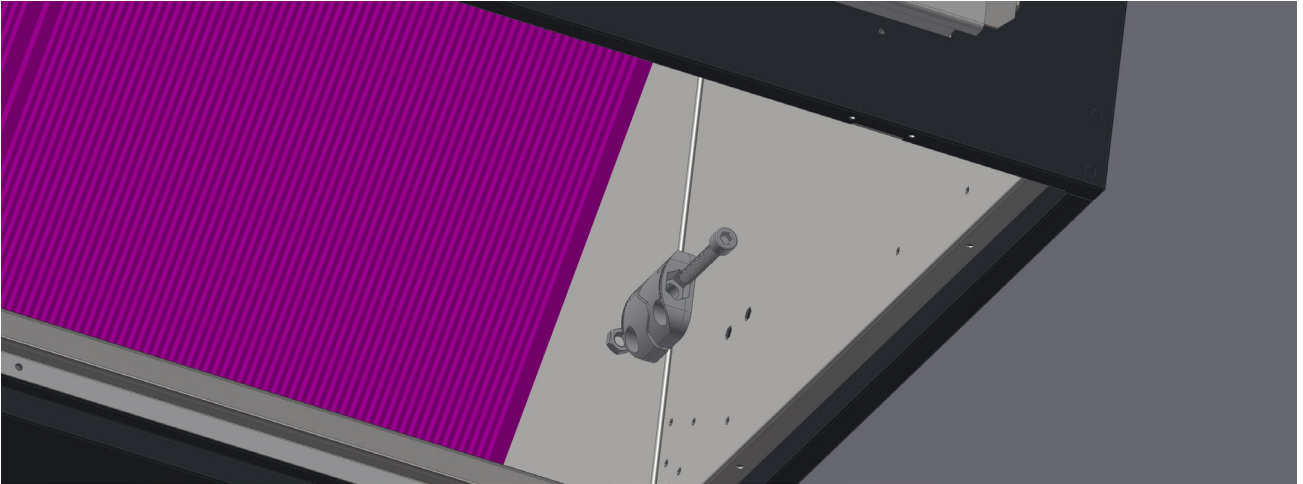
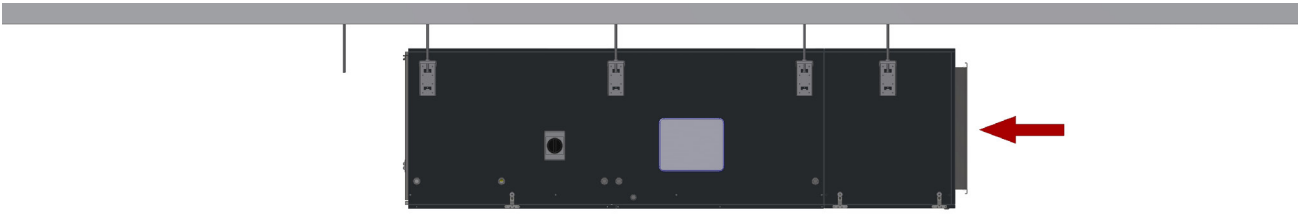


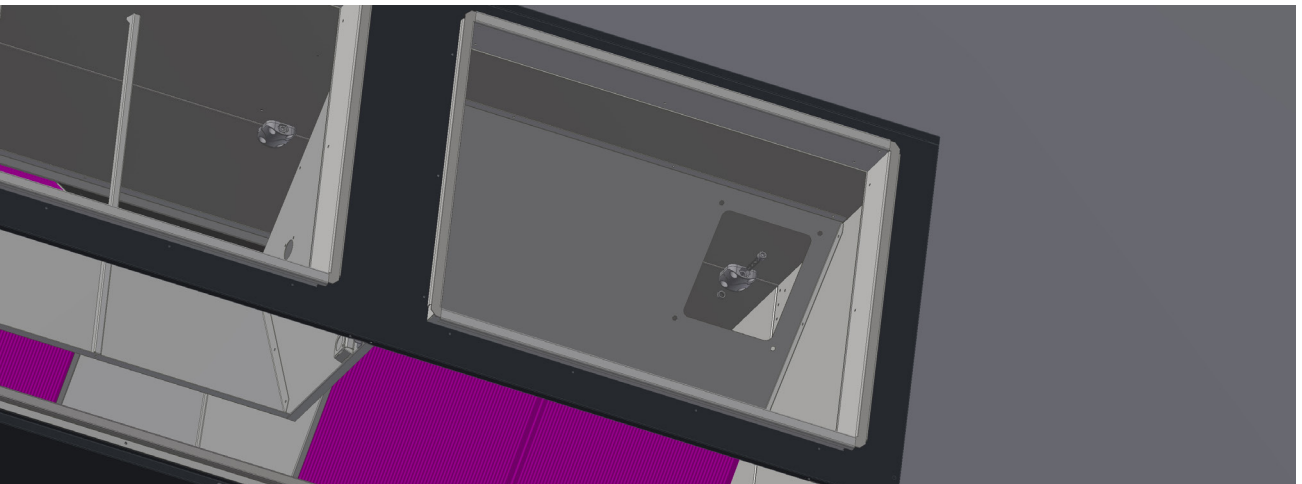
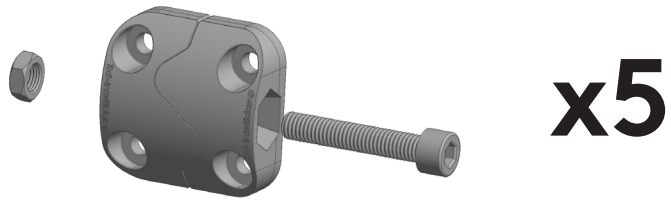
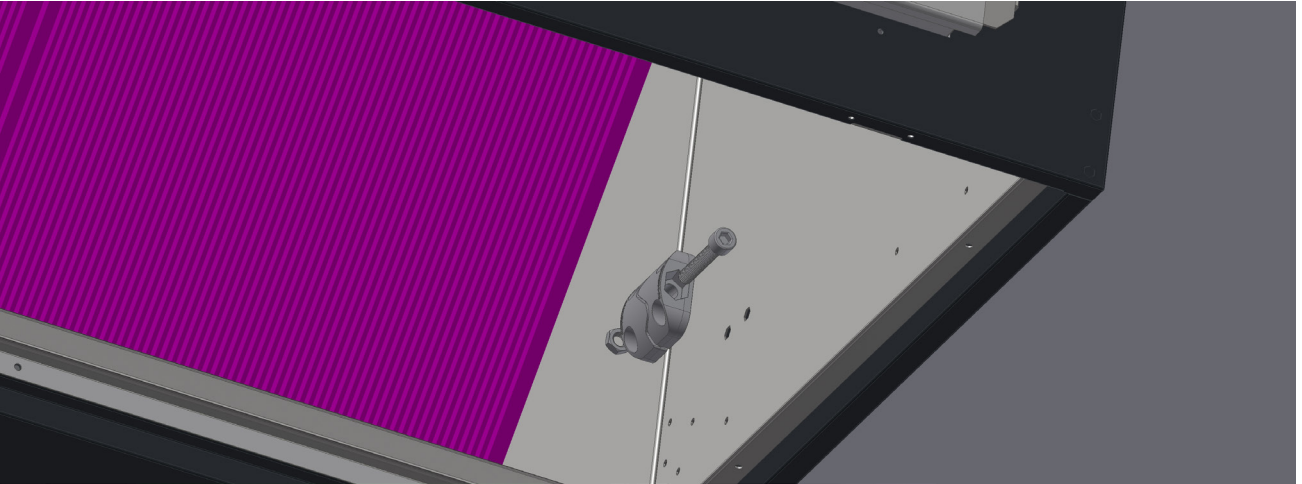
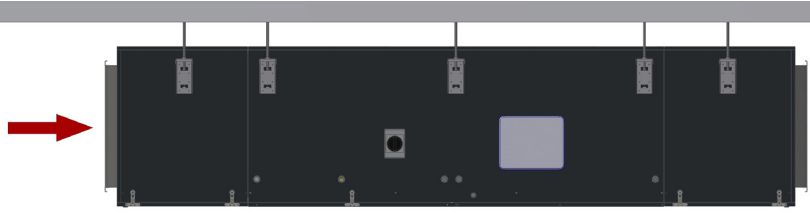
INSTALLATION OF ROOF FOR MOUNTING OUTDOORS (OUT)

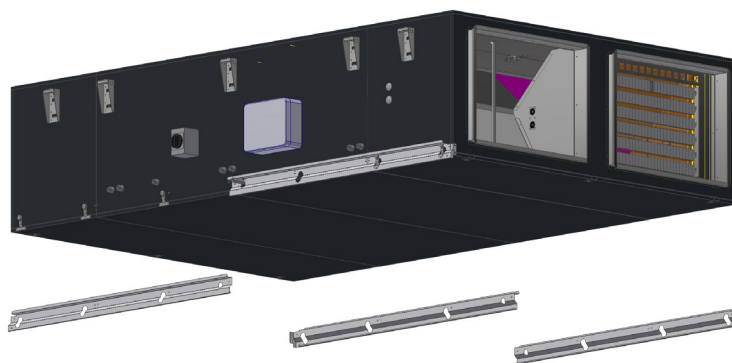
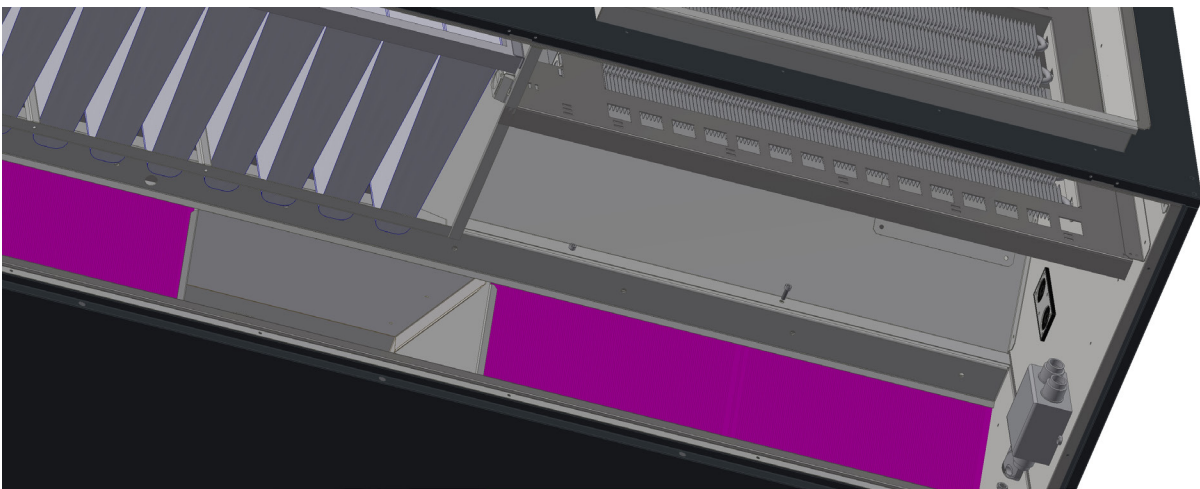
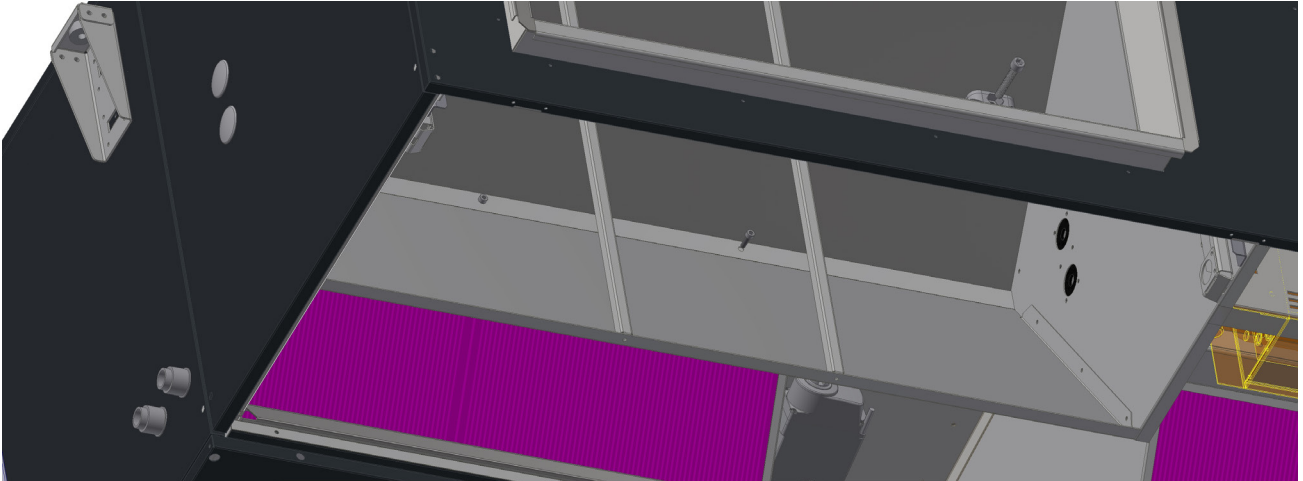
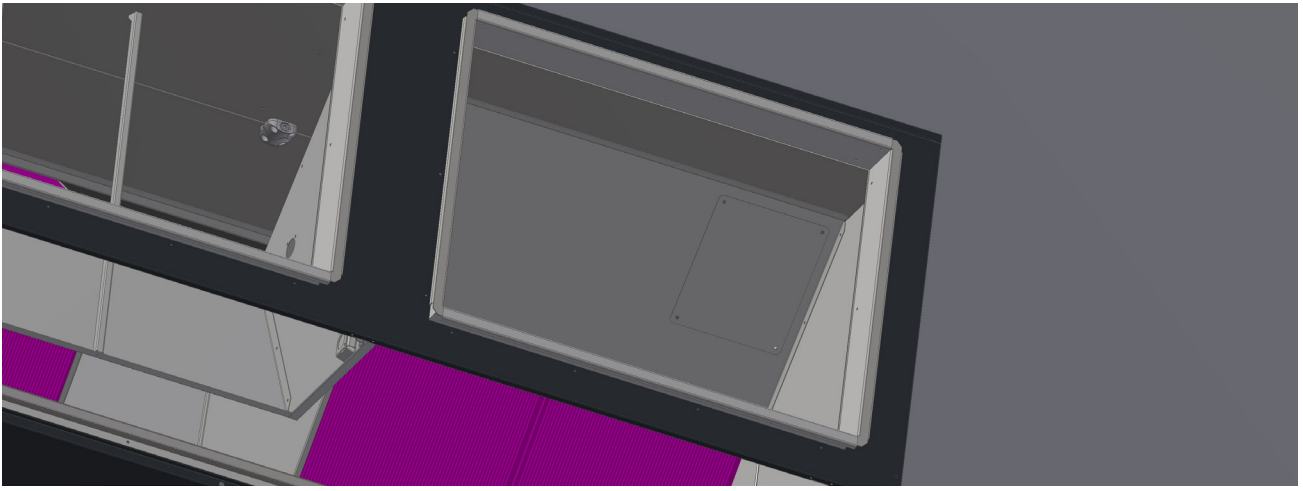


MECHANICAL INSTALLATION FOR GLOBAL LP







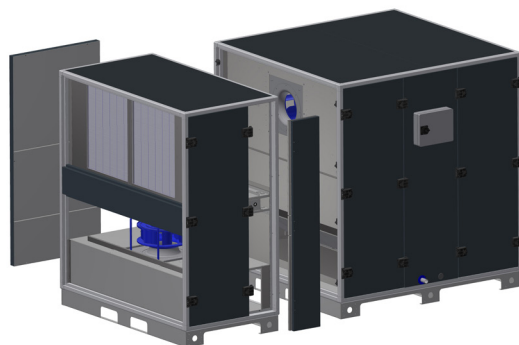


MECHANICAL INSTALLATION FOR GLOBAL PX

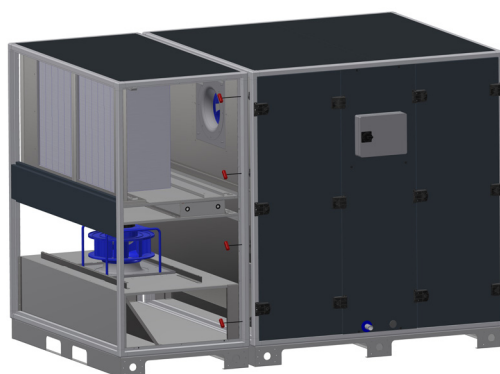
Assembly procedure for Global PX 20-24-26 multi-block units



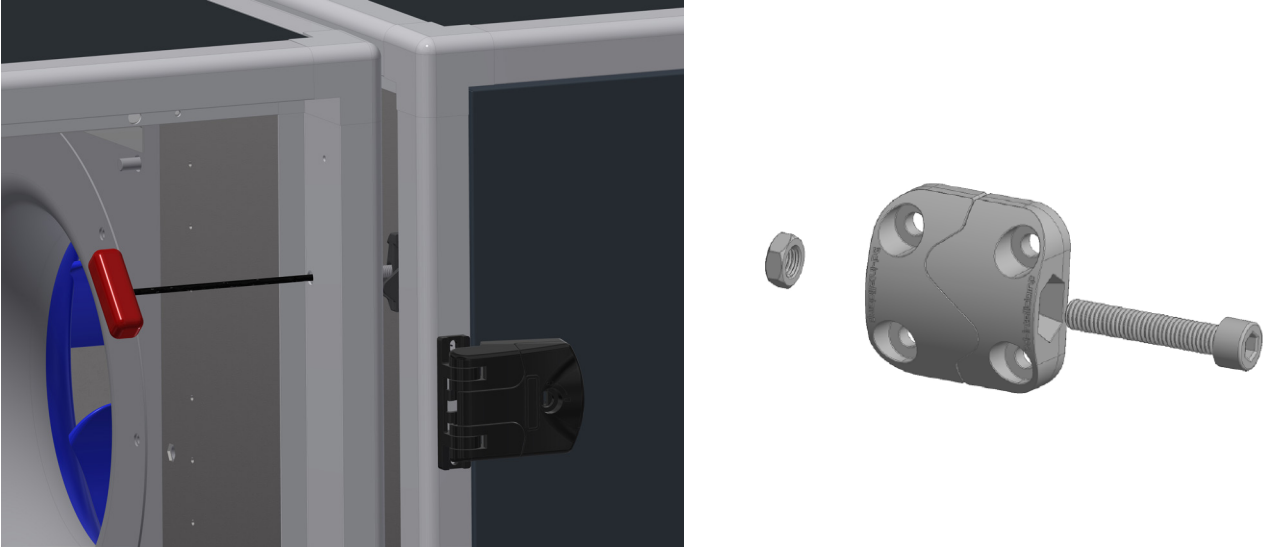
1. Remove the front and rear doors of the secondary block



2. Place the 2 blocks side by side.



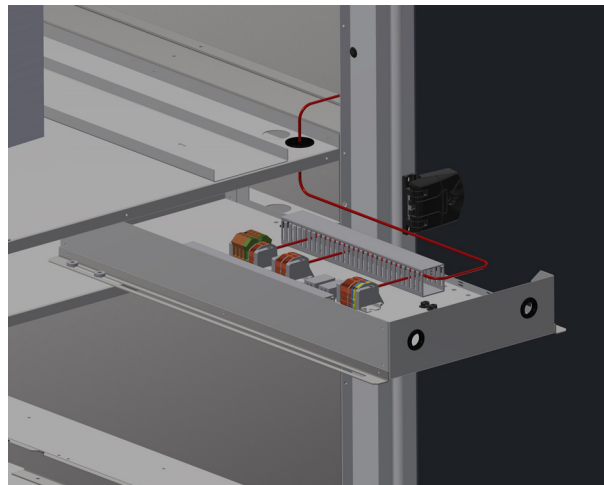
-
3. Using a hexagonal key, tighten the clams screws (4 at the front and 4 at the back). Insert the tool through the bore hole in the profile.



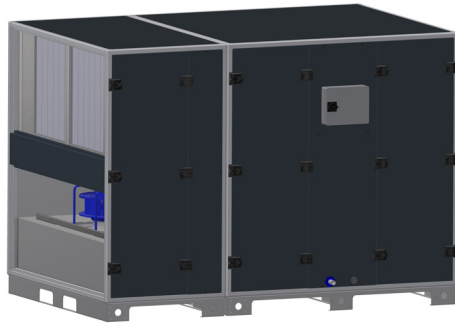
4. Blank off the profile holes with the small black plugs to ensure suitable tightness.



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



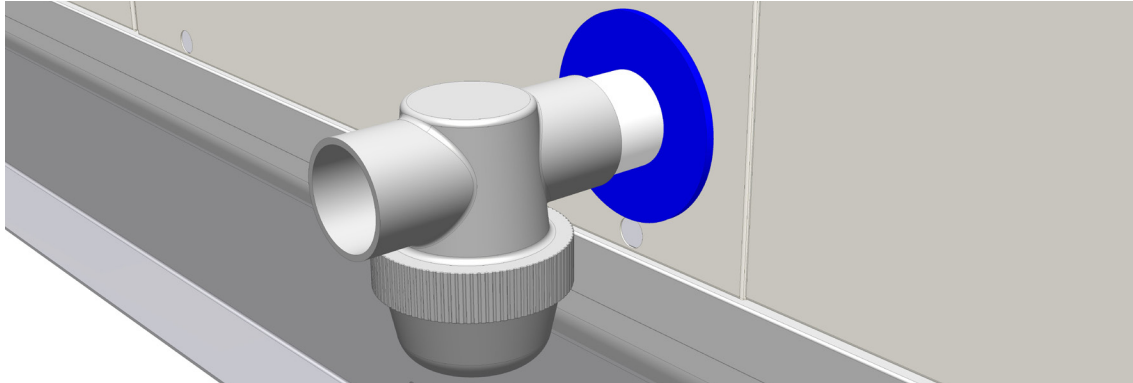
6. The assembly procedure is now complete.



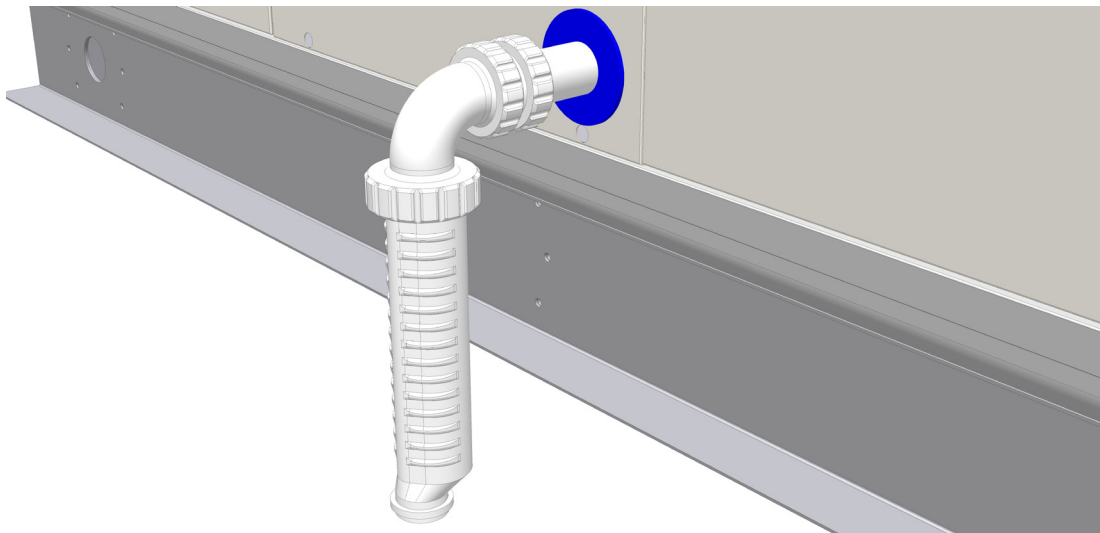
5.2 HYDRAULICAL INSTALLATION

DRAIN-PAN CONNECTION FOR GLOBAL PX (FW)

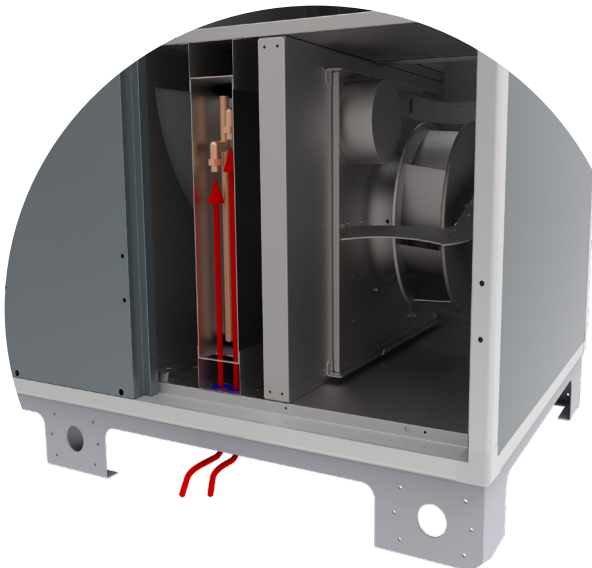
SYPHON FOR INDOOR INSTALLATION



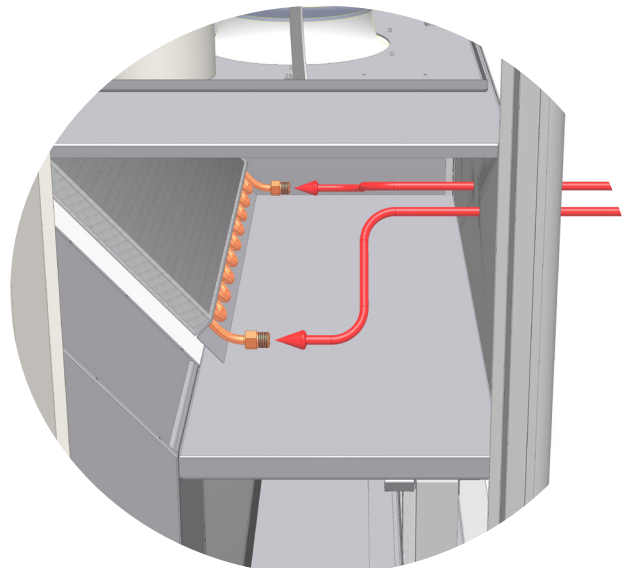
SYPHON FOR OUTDOOR INSTALLATION



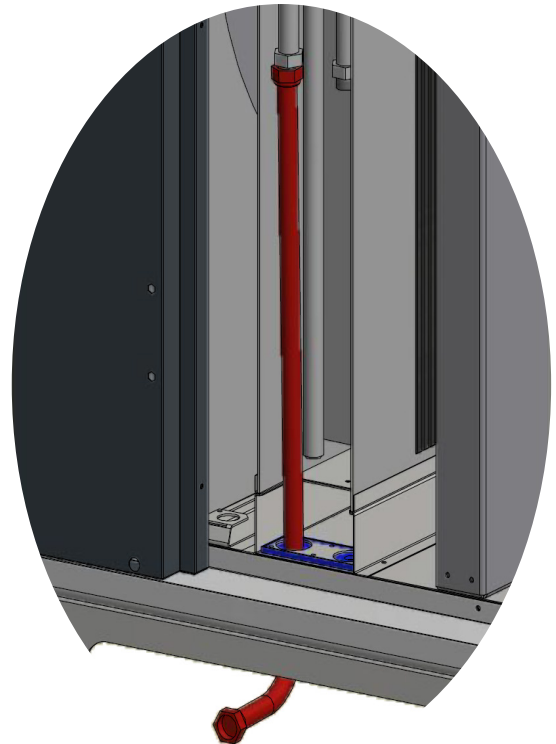
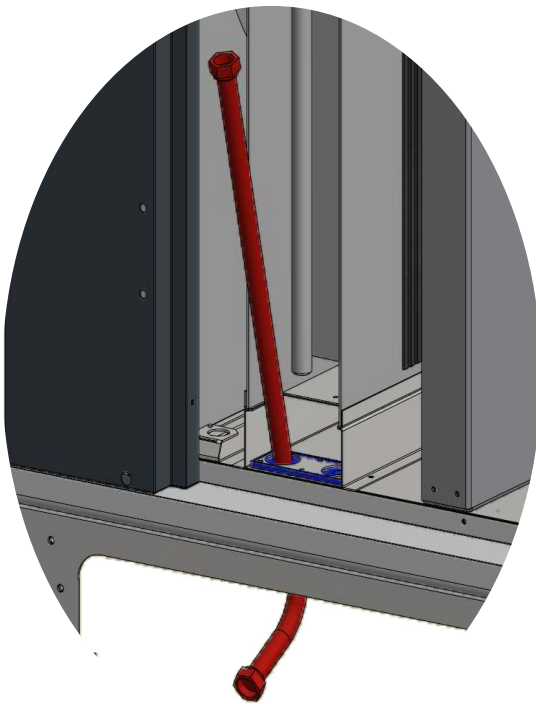
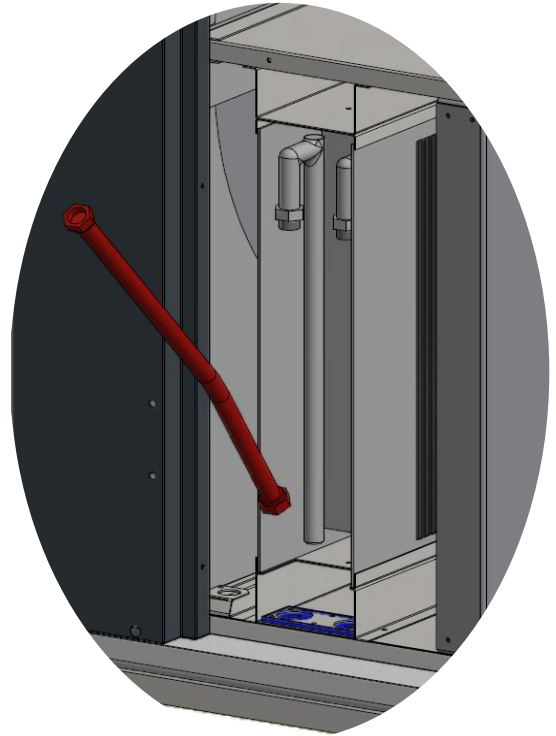
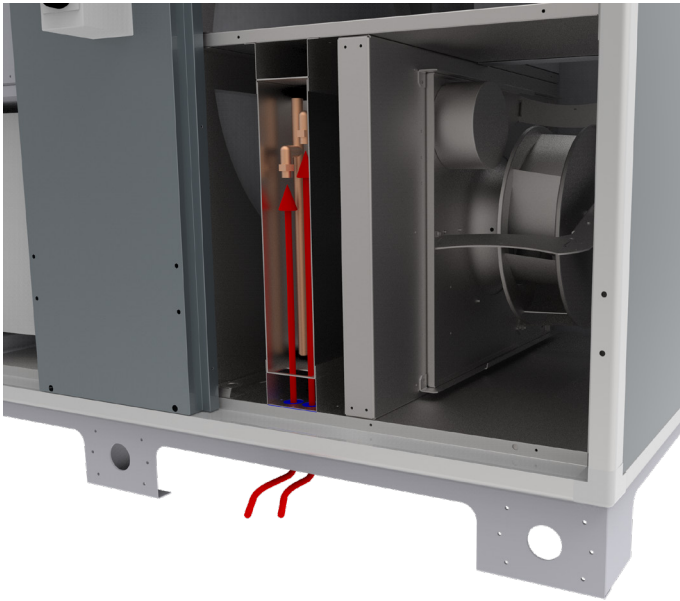
INTERNAL POST-HEATING COIL
GLOBAL RX (TOP)



GLOBAL PX

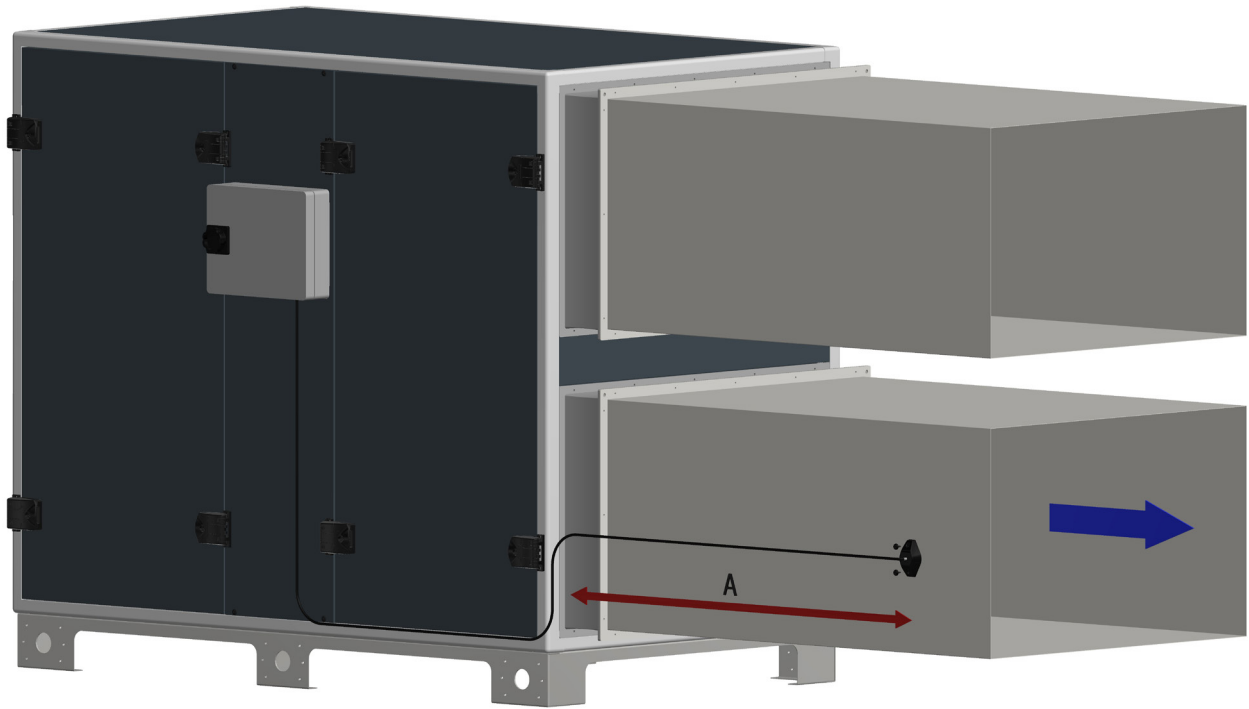


INTERNAL POST-HEATING WATER COIL GLOBAL RX (TOP)

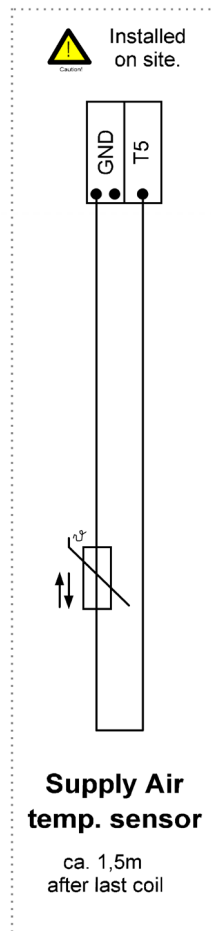


5.3 ELECTRICAL CONNECTIONS

SUPPLY AIR TEMPERATURE SENSOR T5 (CID883060)

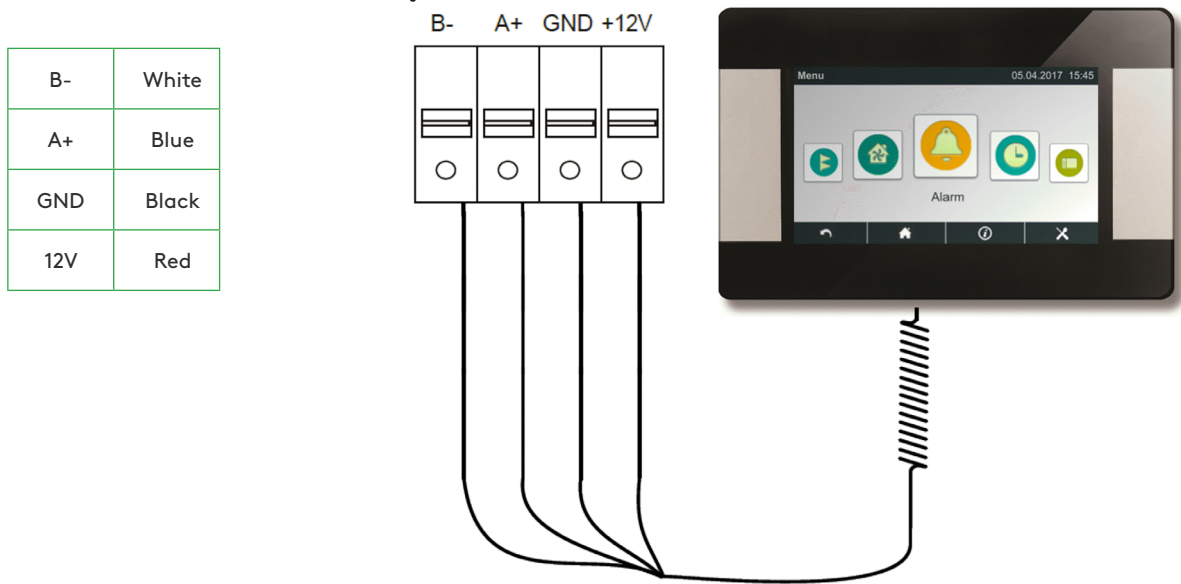
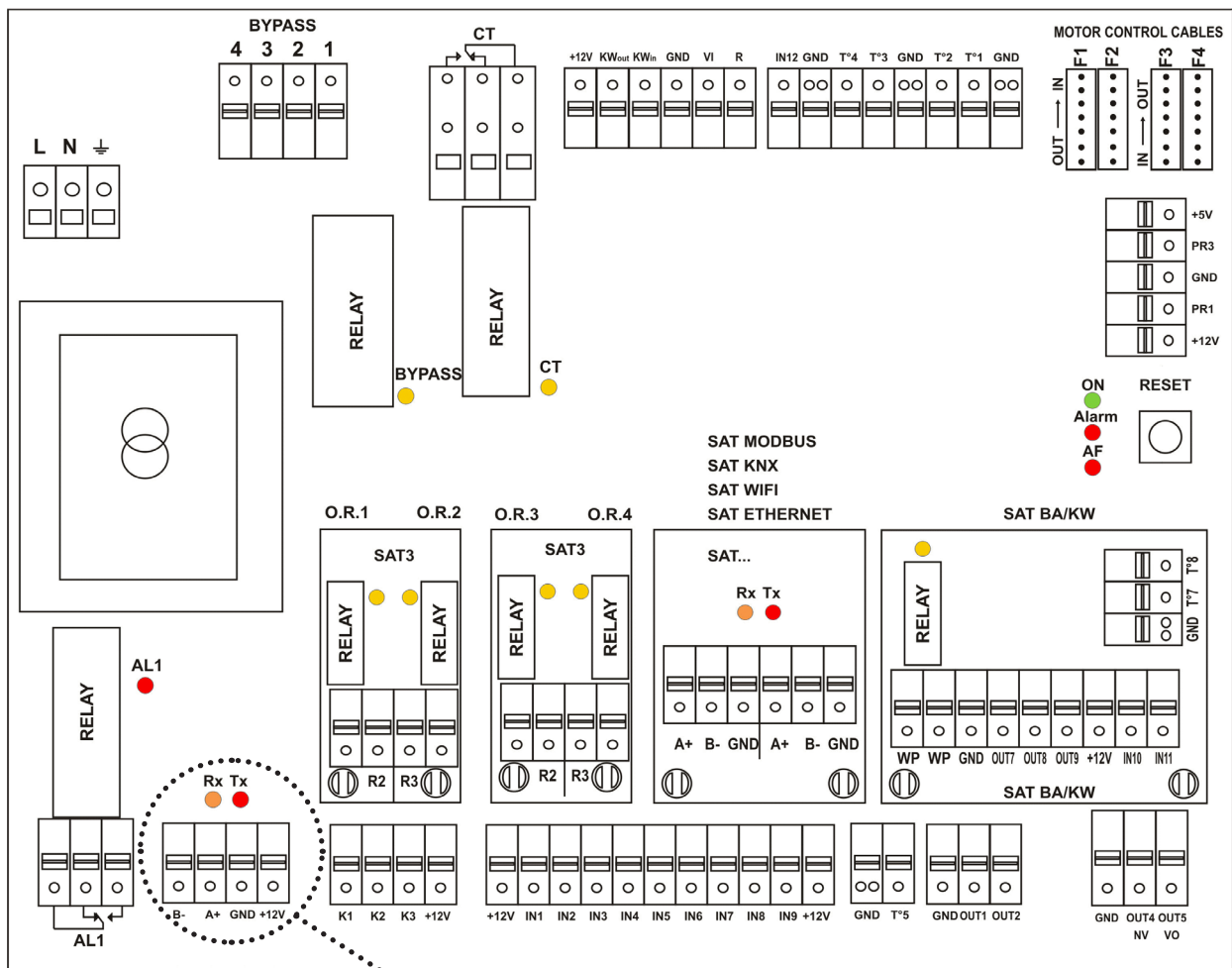


A = minimum 1.5 m



CID883006

TOUCH SCREEN HMI (TACtouch) CID 372096



Wiring

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 POWER SUPPLY

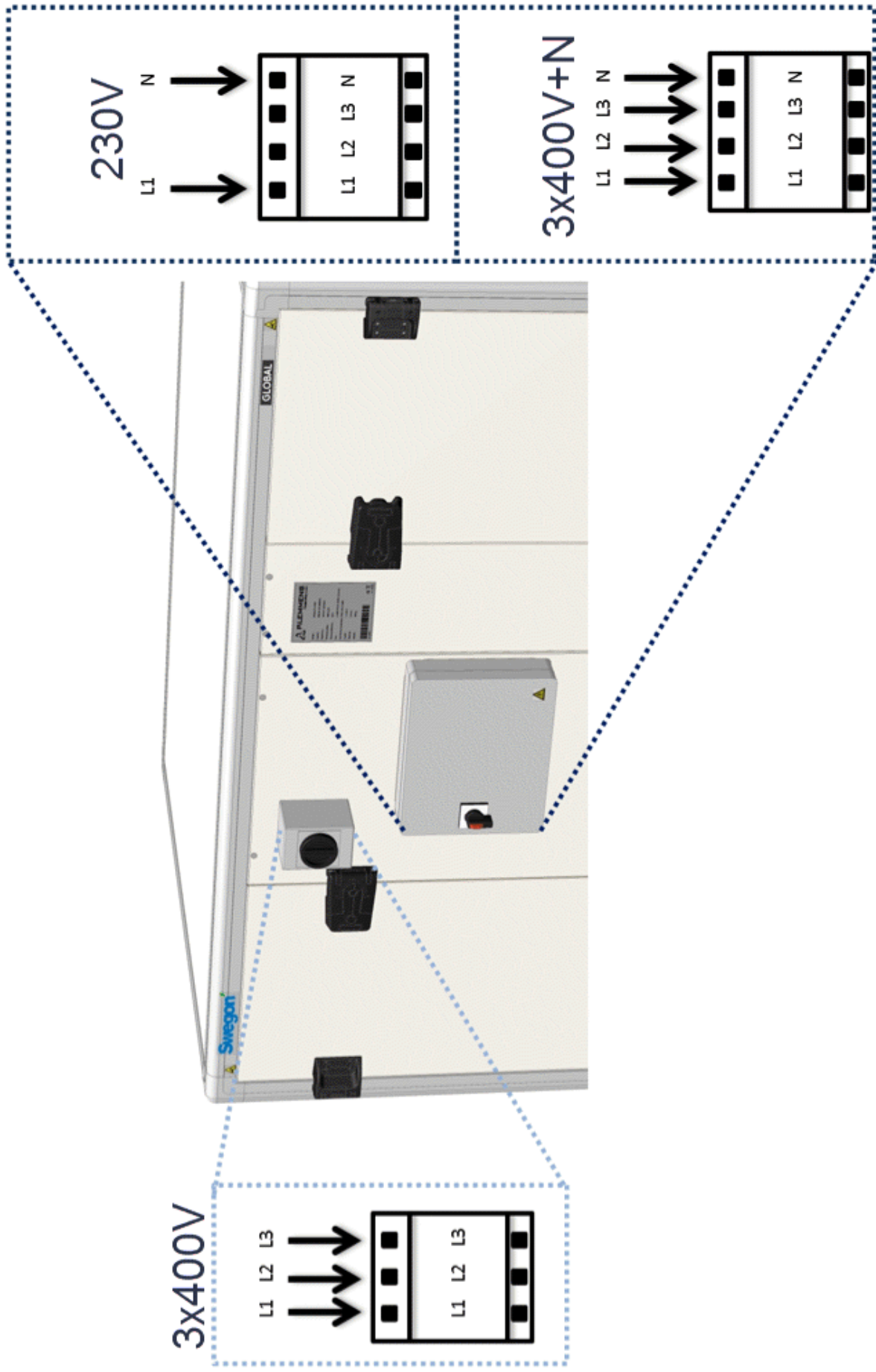
	SIZE	AHU WITHOUT ACCESSORIES		ELECTRICAL HEATER 400V		ELECTRICAL HEATER 230 V	
GLOBAL PX ^{FW}	800 FW	1 X 230 V	7,3 A	3 X 400 V	4,3 A	/	/
	1200 FW	1 X 230 V	7,7 A	3 X 400 V	8,7 A	/	/
	2000FW	1 X 230 V	11,9 A	3 X 400 V	8,7 A	/	/
	3000 FW	1 X 230 V	14,5 A	3 X 400 V	13 A	/	/
	4000 FW	3 X 400 V + N	18,0 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	/	/	

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

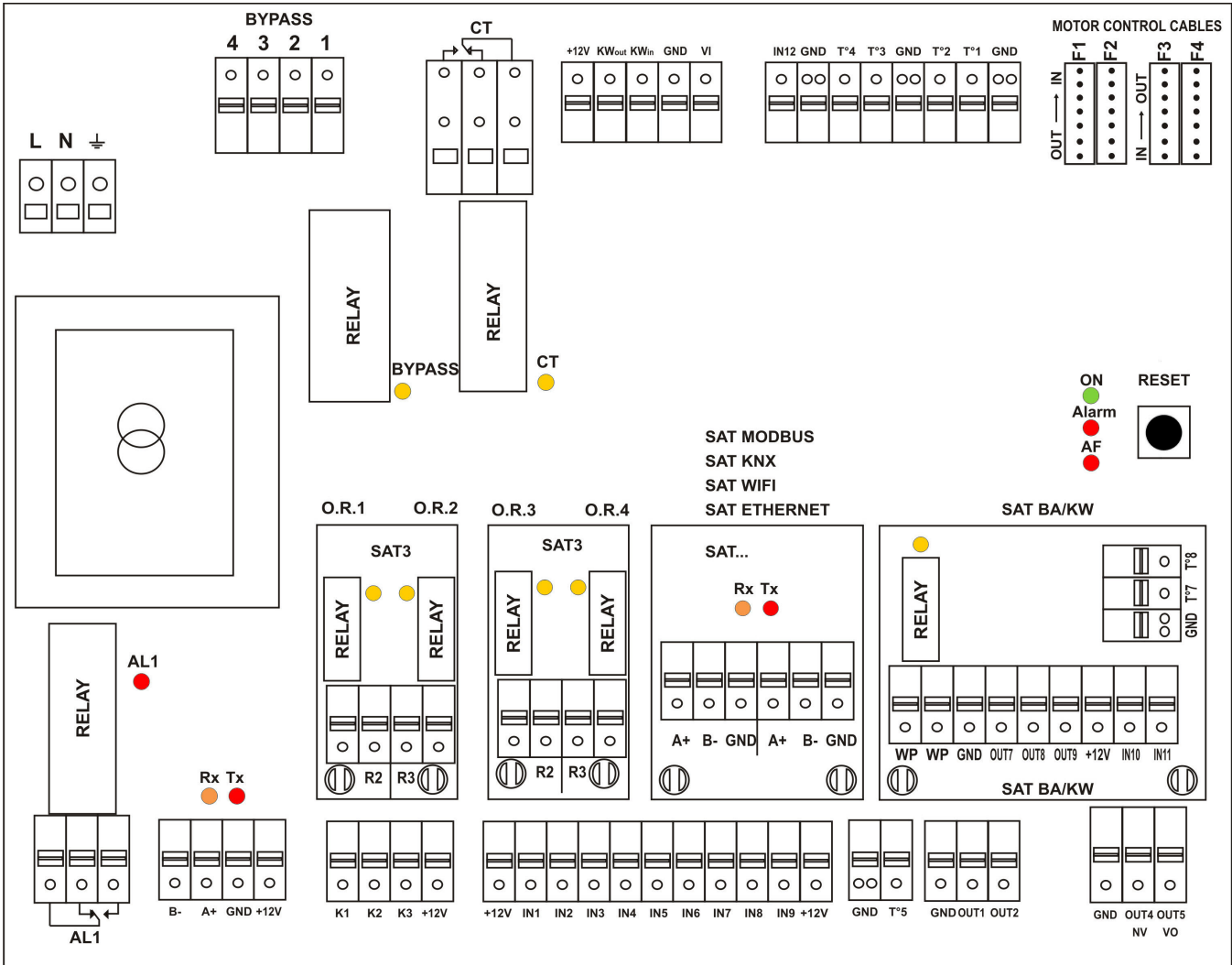
All internal components (fans, controls, sensors, actuators...) to the control board are pre-wired at the factory. The power supply must be connected to the safety isolating switch by a qualified electrician. Earthing is obligatory according EN61557. The fuses are of D-type, the circuit breaker is of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



	SIZE	AHU WITHOUT ACCESSORIES		ELECTRICAL HEATER 400V		ELECTRICAL HEATER 230 V	
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



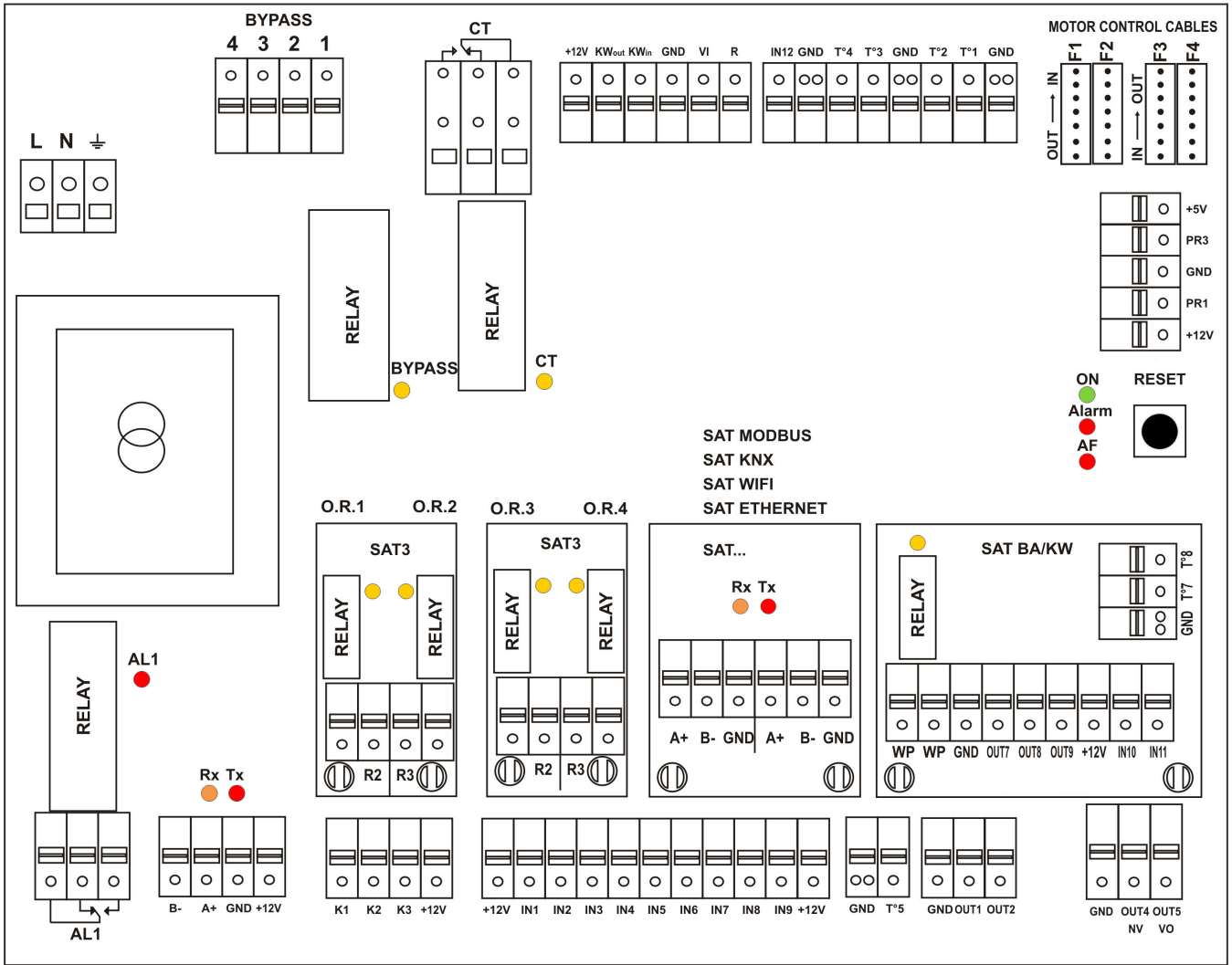
5.4 TAC 5 CONTROL BOARD MAIN CONTROL BOARD TAC5 DG - CID025000



GLOBAL PX & LP^(FW)

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 = m ³ /h K1 Demand/Pressure control = START/STOP Torque MODE = %torque K1	IN5 = Real time clock auto/manu
K2: Airflow control = m ³ /h K2 Demand/Pressure control = 0-10V INPUT Torque control = %torque K2	IN6 = ON/OFF post heating (IBA/KWout)
K3: Airflow control = m ³ /h K3 Demand/Pressure control = % ON K3 or 0-10 V INPUT Torque control = %torque K3	IN7 = ON/OFF SUPPLY if fire alarm
T1 = from outdoors T° sensor (prewired)	IN8 = ON/OFF EXHAUST if fire alarm
T2 = from indoors T° sensor (prewired)	IN9 = BOOST Airflow
T3 = to outdoors T° sensor (prewired)	IN12 = PWM input bypass position
T4 = IBA anti freeze protection T° sensor (option - prewired)	OUT1 = 0-10V OUTPUT (airflow/pressure)
T5 = supply T° sensor for IBA/KWout coil (option - prewired)	OUT2 = 0-10V OUTPUT (airflow/pressure)
PR1 = ΔPa from supply inlet fan (only on PX - option)	OUT4 = 0-10V OUTPUT internal post heating (IBA)
PR3 = ΔPa from exhaust inlet fan (only on PX - option)	OUT5 = 24VDC/1A
	O.R.1 (output relay 1 - SAT3) = PRESSURE ALARM
	O.R.2 (output relay 2 - SAT3) = FAN ON
	O.R.3 (output relay 3 - SAT3) = HEATING DEMAND OUTPUT
	O.R.4 (output relay 4 - SAT3) = BYPASS STATUS
	KWin = output for KWin capacity control (option - prewired)
	KWout = output for KWout capacity control (option - prewired)

MAIN CONTROL BOARD TAC5 DT - CID026001



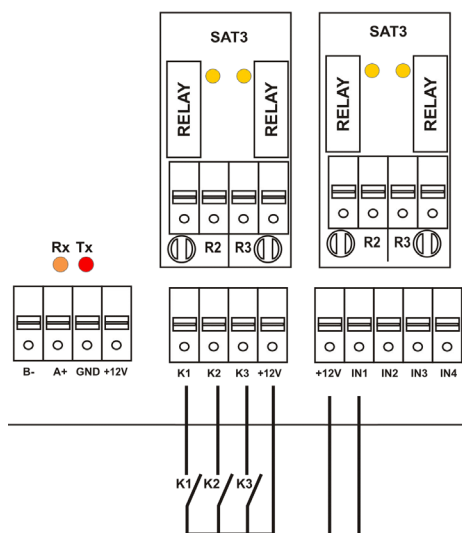
CT : output to CT actuator(s) (option - prewired)	IN1 = Master selection
KWout = output for KWout capacity control (option - prewired)	IN2 = dPa (pressostat digital input)
AL1 = ALARM OUTPUT (230V/5A)	IN3 = Fire alarm input
B- /A+ /GND/ +12V = connection to HMI TACtouch	IN4 = Bypass open /Stop heat recovery
K1 : Airflow control = m ³ /h K1	IN5 = Real time clock auto/manu
Demand/Pressure control = START/STOP	IN6 = ON/OFF post heating (IBA/KWout)
Torque control = %torque K1	IN7 = ON/OFF SUPPLY if fire alarm
K2 : Airflow control = m ³ /h K2	IN8 = ON/OFF EXHAUST if fire alarm
Demand/Pressure control = 0-10V INPUT	IN9 = BOOST Airflow
Torque control = %torque K2	IN12 = input pulse from heat exchanger magnet (prewired)
K3 : Airflow control = m ³ /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
T4 = IBA anti freeze protection T° sensor (option - prewired)	O.R.2 (output relay 2 - SAT3) = FAN ON
T5 = supply T° sensor for IBA/KWout coil (option - prewired)	O.R.3 (output relay 3 - SAT3) = HEATING DEMAND OUTPUT
PR1 = ΔPa from supply inlet fan (only on RX - option)	O.R.4 (output relay 4 - SAT3) = BYPASS STATUS
PR3 = ΔPa from exhaust inlet fan (only on RX - option)	R-GND : output for heat exchanger wheel speed command (prewired)

6.0 Test start

GLOBAL Air handling Unit

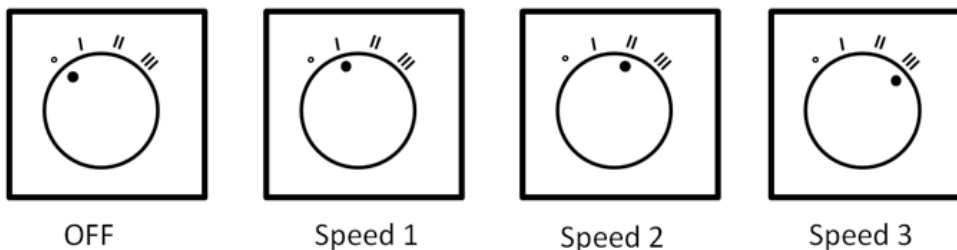
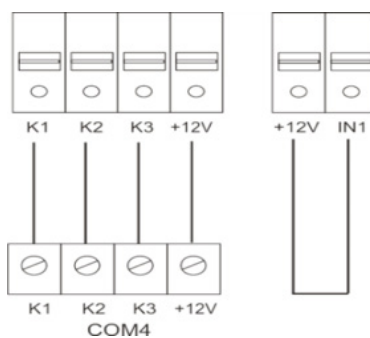
Quick test start on site with factory settings (not yet commissioned). This is designed to make an initial functional test. A complete Set-up must be performed afterwards. Accessories are preconfigured with standard settings as listed in the Operation and Maintenance Manual downloadable on our website.

6.1 TEST START WITHOUT USER INTERFACE



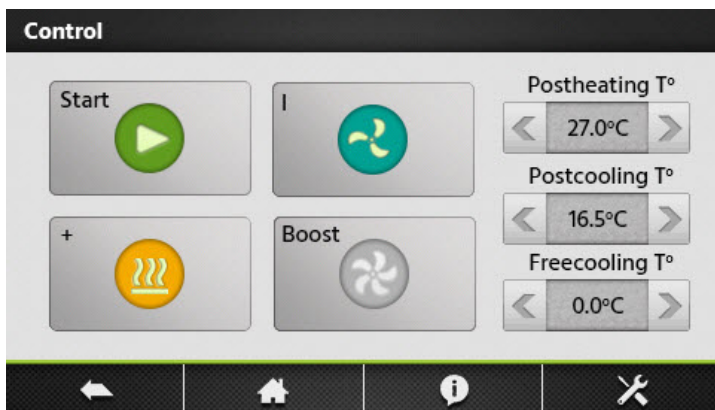
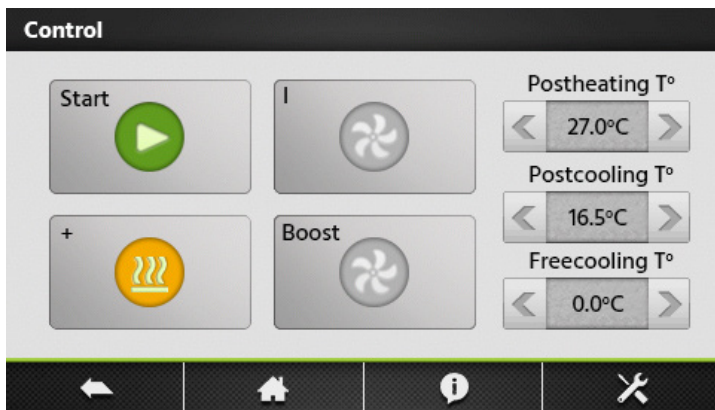
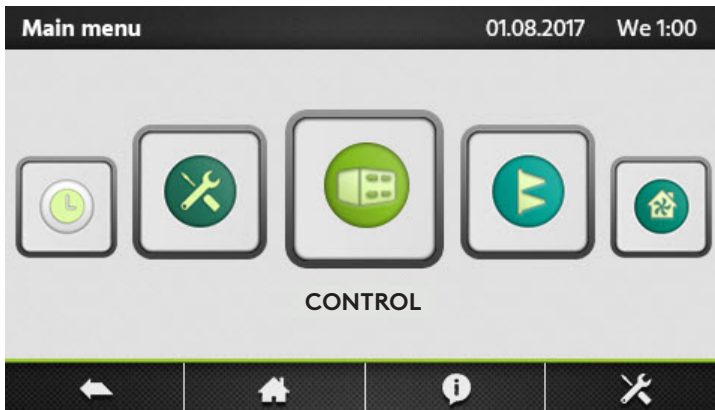
- K1 & K2 & K3 open: Off
- K1 closed: Speed 1
- K2 closed: Speed 2
- K3 closed: Speed 3

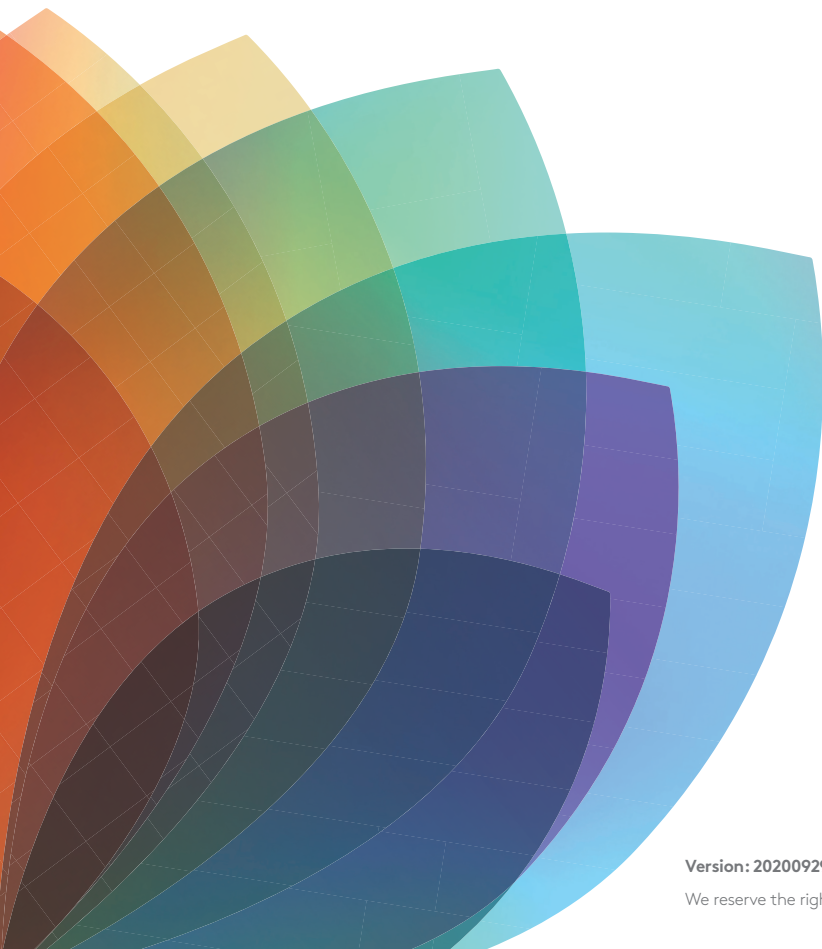
6.2 TEST START WITH POSITION SWITCH (COM4) CID 010007



6.3 TEST START WITH TACtouch interface CID 372096

Main menu: Control





50174

Swegon 

Version: 20200929

We reserve the right for changes.