

ClimaPro

Industrial & Commercial HVAC systems

OUTDOOR AIR HANDLING UNIT

CLIMAPRO 20SW



CLIMAPRO AB OY

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This supply air unit is designed to be placed directly on the roof. The construction consists of a sturdy steel frame with well-insulated wall elements.

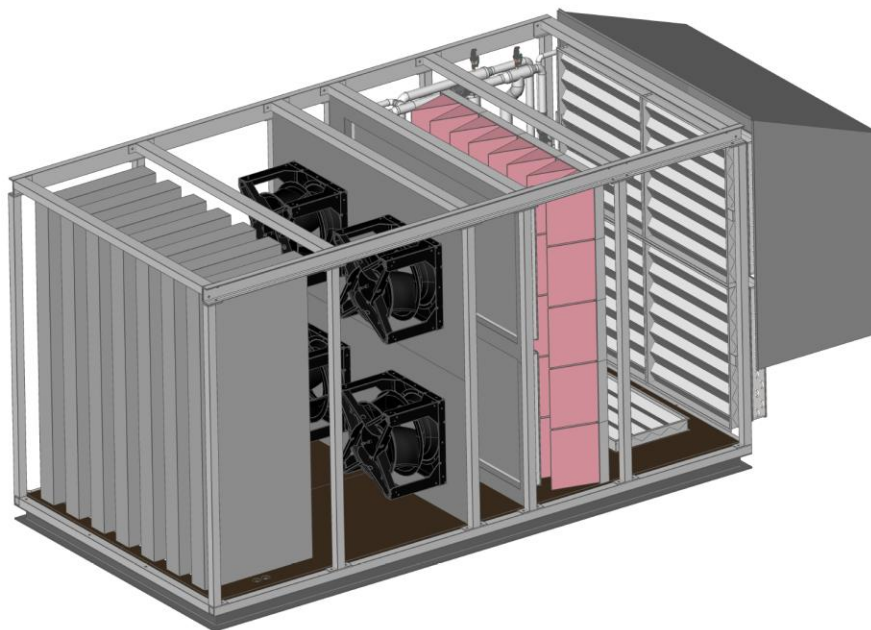
The unit has an air capacity of 20 m³/s, and the standard model is equipped with following main components:

- *preheating coil*
- *circulation damper*
- *filter*
- *heating coil*
- *fan wall*
- *sound attenuator*

The main components can be customized according to specific requirements, such as filtration, cooling, and heat recovery

It is an excellent solution for new constructions and for enhancing the indoor climate in existing manufacturing facilities.

The unit is easy and fast to install.

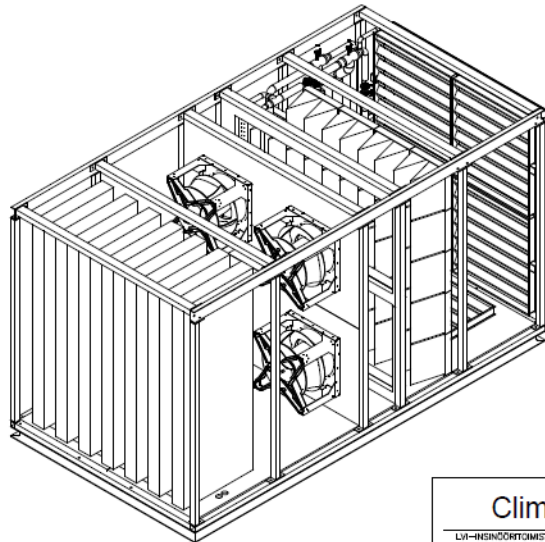
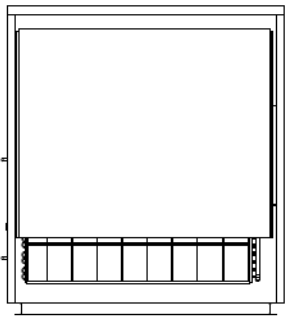
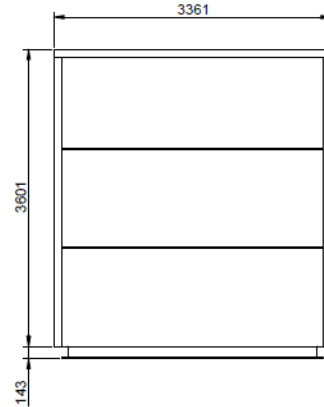
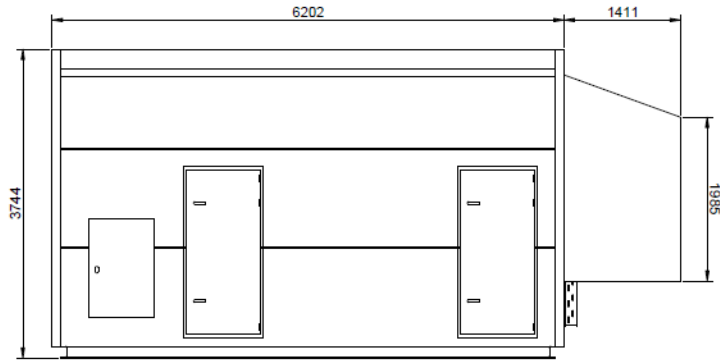


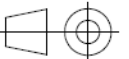
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Technical specification			
Product name	ClimaPro 20SW	Supply air unit for outdoor installation	
Air flow/Pressure	20 m ³ /s, External pressure 300 pa		
Filter	Supply air	24 x (592x592x520) F7-ePM10 60%	
Duct connection	Supply air	1050x2550 mm	
Duct connection	circulation damper	800x2000 mm	
Preheater (effect, temp, flow, pressure)	120 kW, +55/30 °C, 1.17 l/s, 20 kPa		
Heating coil (effect, temp, flow, pressure)	362 kW, +50/30 °C, 3.5 l/s, 20 kPa	2 x 4" connections	
Air temperature (Preheater/Heating coil)	-20-(-10 °C) / -15-15 °C		
Electrical connection	400V, 50Hz, 30kW		
Dimensions (l , w, h)	6200 +(1400) x 3400x 3745		
Weight	~7000 kg (depend on radiator spec)		
Construction (frame)	Steel		
Outer shell (wall, roof, floor)	Sandwich panel 100 mm isulation	Mineral wool or polyuretan	
Options	Hepafilters, cooling coil, heat recovery coil		

MAIN DIMENSIONS:



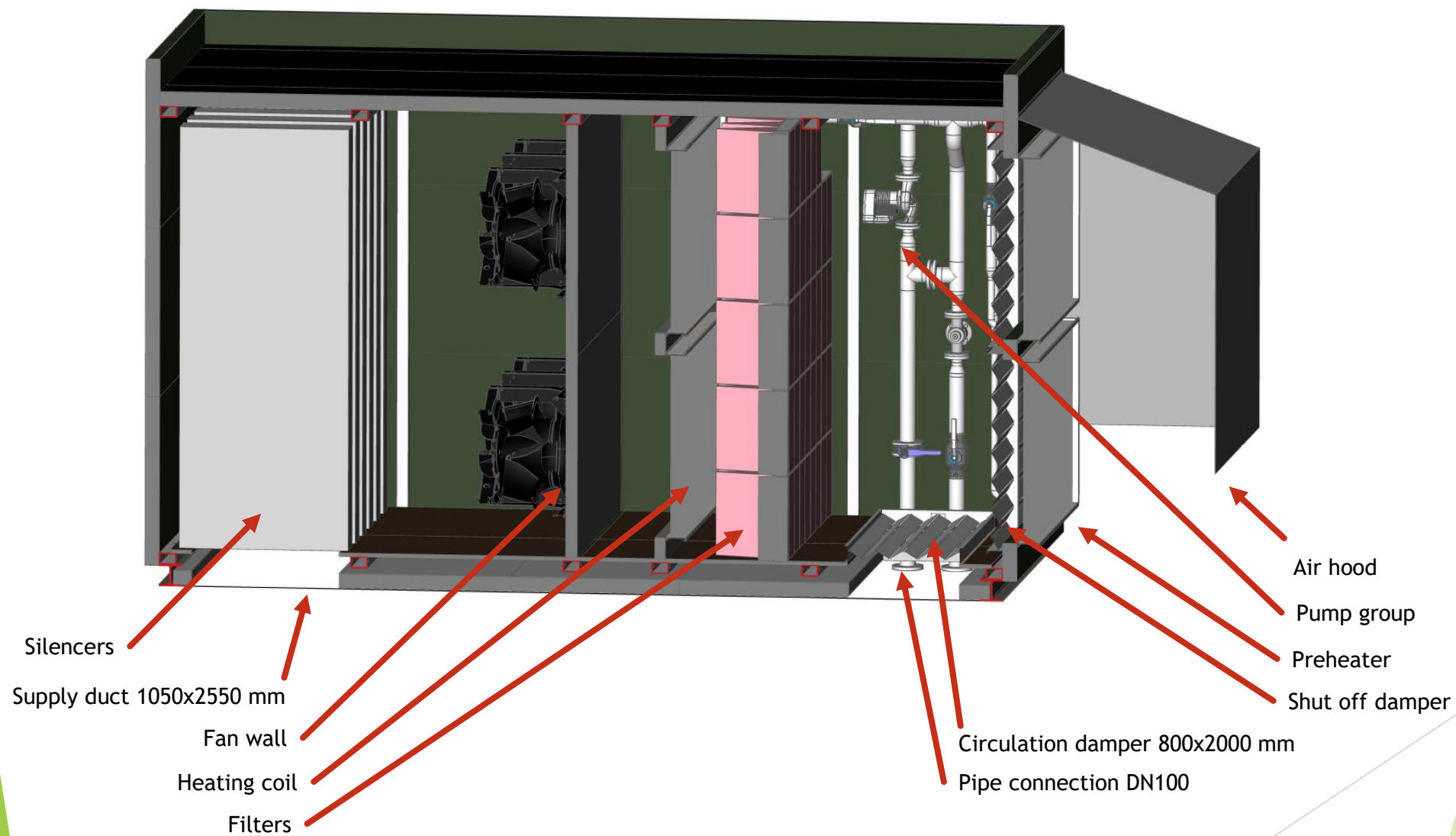
ClimaPro			Pinustuksen sisältö	Mittakaava:
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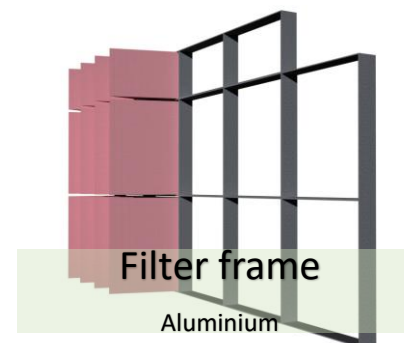
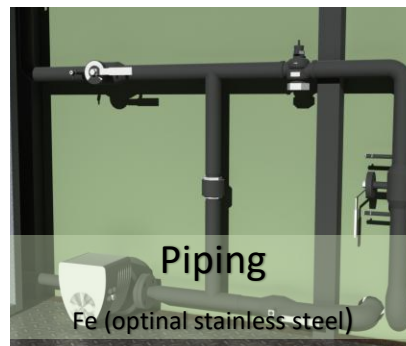
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Materials:

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Control and Monitoring:

Cabling and Wiring: The unit comes pre-cabled, with all wiring connected to a central junction box

Control Options: Various control systems are available, including automatic and remote options. It can also be customized to integrate with customer-specific systems if desired.

Sensors: Essential sensors for monitoring filters, speed, and heat control are included with the delivery

Connectivity: Wired or wireless connectivity (Modbus, BACnet).



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