

# ClimaPro

Industrial & Commercial HVAC systems

*This outdoor ventilation unit features both inlet and exhaust airflows and is equipped with a high-efficiency heat recovery system.*

*Designed for optimal energy savings, it recycles heat from the exhaust air to precondition the incoming fresh air, ensuring a comfortable indoor environment while reducing energy costs.*

*Its durable construction is weather-resistant, making it ideal for outdoor installations to save space on the machine floor.*

*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.*



OUTDOOR AIR HANDLING UNIT

**CLIMAPRO 2RE**

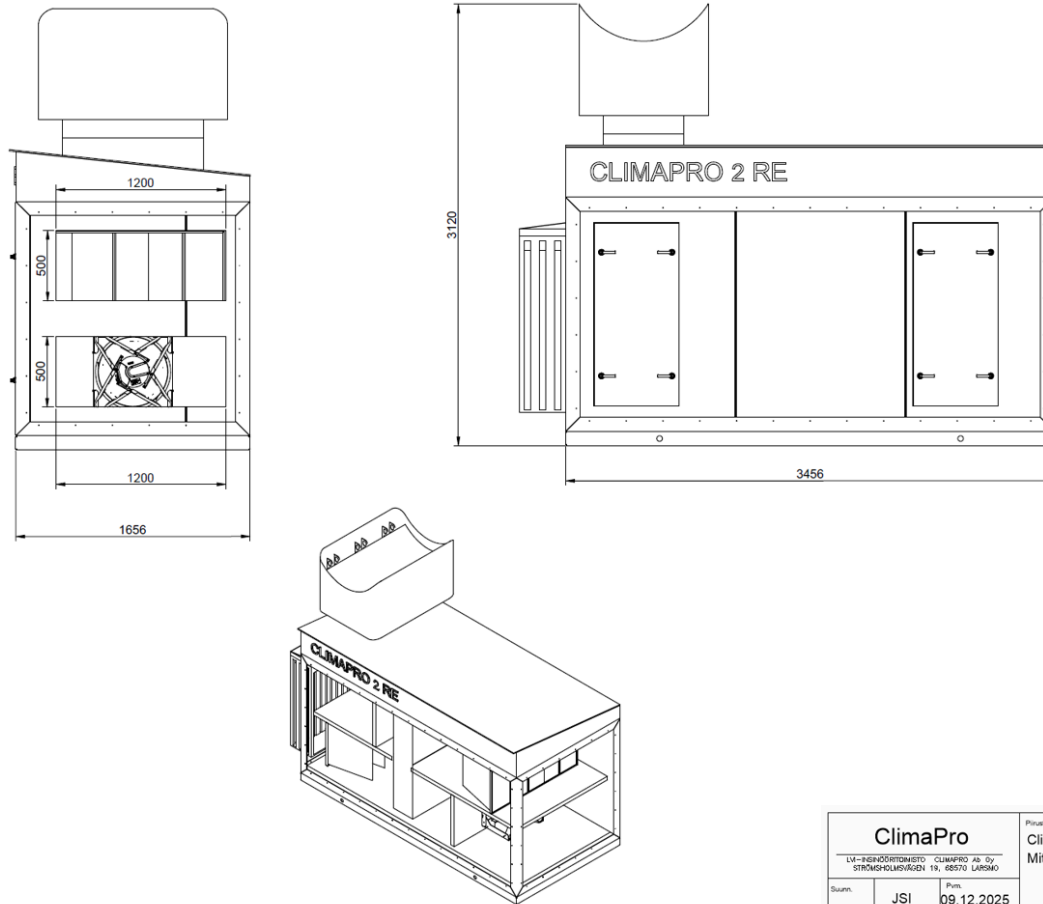
Technical specification			
Product name	ClimaPro 2RE	Air handling unit for outdoor installation	
Air flow/Pressure	2 m³/s, * External pressure 250 pa		
Filter	Supply air	1 x (592x592x540) + 1 x (490x592x540) + 1 x (287x592x540) F7-ePM1 60%	
Filter	Extract air	1 x (592x592x540) + 1 x (490x592x540) + 1 x (287x592x540) F7-ePM1 60%	
Duct connection	Supply air	1200x500 mm	
Duct connection	Extract air	1200x500 mm	
Heating coil (effect, temp, flow,pressure)	31.1 kW, 400V, 44.9 A		
Rotary heat exchanger (dimension/effect)	1280ø mm, -102 kW (temperature dependent)		
Air temperature (Exchanger/Heating coil)	-29-8.8 °C / 8-20 °C		
Electrical connection	Fans: 400V, 50Hz, 4.8 kW, Heater: 400V, 31.1 kW		
Dimensions (l , w, h)	4000 x 2400 x 3120		
Weight	~3000 kg		
Construction (frame)	Stainless steel		
Outer shell (wall,roof,floor)	Sandwich panel 100 mm insulation	Mineral wool or polyuretan	
Options	**Automatic rotor-wash, heat pump		

**Notes:**

\* Available duct pressure

\*\*Unit will be tailored for customer specific requirements.

### MAIN DIMENSIONS:



ClimaPro			Pinotuksen sisältö	Mittakaava:
LM-REINDDORTOMATO CLIMAPRO AS Oy STRÖMSHOLMSVÄGEN 19, 66570 LÄRSMO			Climapro 2RE Mittapiirustus	1:25
Suom.	JSI	Pvm. 09.12.2025		Piirustuksen numero: 2RE-401
Plat.	JSI	Pvm. 09.12.2025		
Tark.	PSS	Pvm. 09.12.2025		

### Connections:

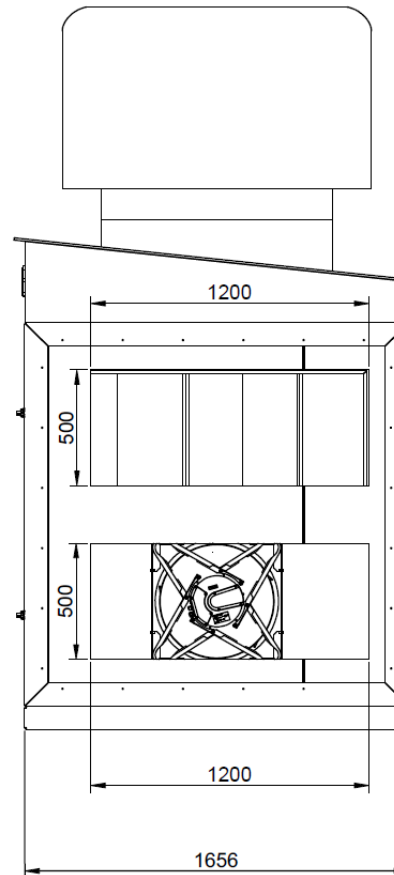
**Inlet duct:** 120 cm x 50 cm

**Outlet duct:** 120 cm x 50 cm

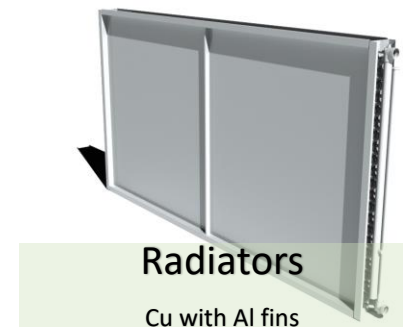
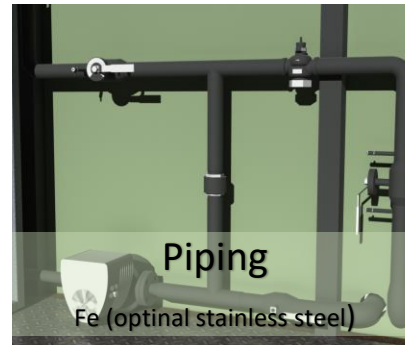
### Electricity:

Fans: 400V, 50 Hz, 4.8 kW

Heater; 400V, 31.1 kW



## Materials:



## 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).

