

*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.*

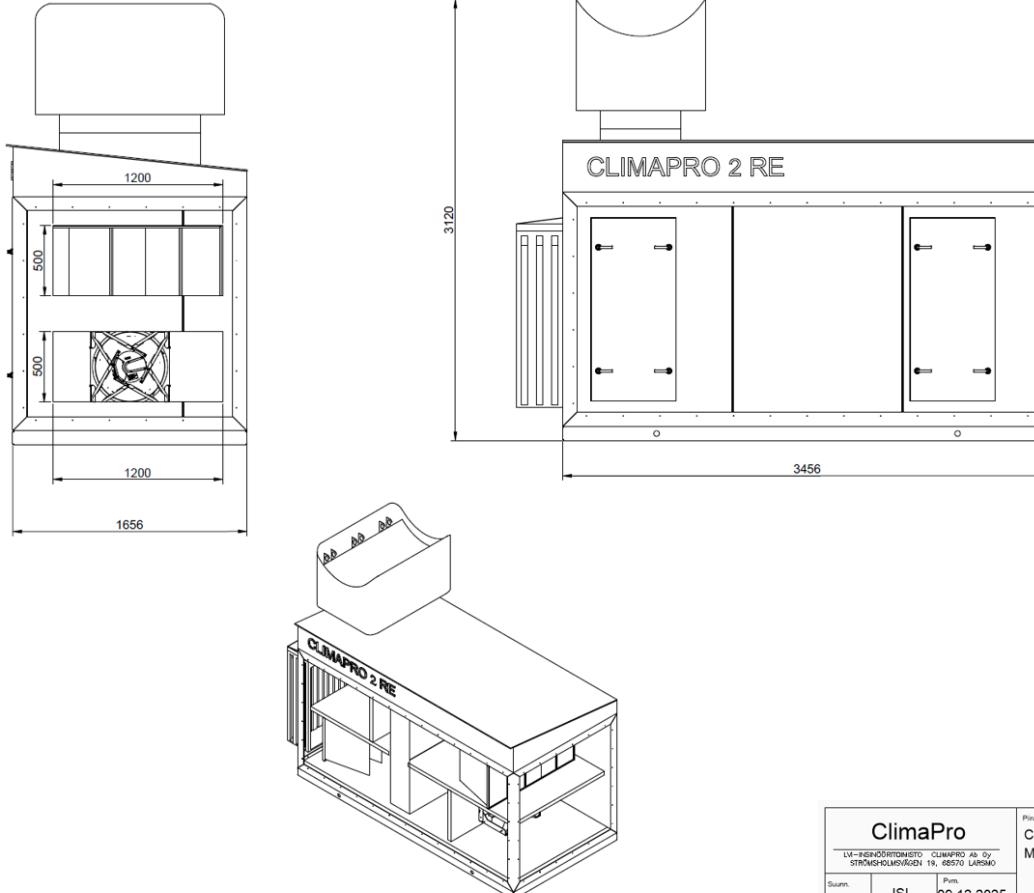


| Technical specification                     |   |  |
|---|---|--|
| Product name                                | ClimaPro 2RE                                    | Air handling unit for outdoor installation                               |
| Air flow/Pressure                           | 2 m <sup>3</sup> /s, * External pressure 250 pa |  |
| Filter                                      | Supply air                                      | 1 x (592x592x540) + 1 x (490x592x540)<br>+ 1 x (287x592x540) F7-ePM1 60% |
| Filter                                      | Extract air                                     | 1 x (592x592x540) + 1 x (490x592x540)<br>+ 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   |     | Piirustuksen sisältö | Mittakaavat. |
| LUV-INGENÖÖRITIETOKIRJA CLIMAPRO AB By<br>STRÖMSHOLMSVÄGEN 19, 66570 LÄRÅSMO |     | CLIMAPRO 2RE         | 1:25         |
| Suunn.   | JSI | Pvm.                 | 09.12.2025   |
| Pirt.  | JSI | Pvm.                 | 09.12.2025   |
| Tekn.  | PSS | Pvm.                 | 09.12.2025   |
|  |     | Piirustuksen numero. | 2RE-401      |

**Connections:**

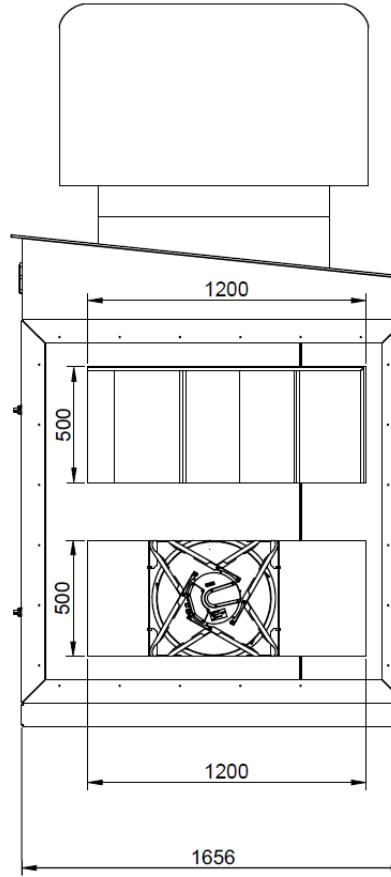
Inlet duct: 120 cm x 50 cm

Outlet duct: 120 cm x 50 cm

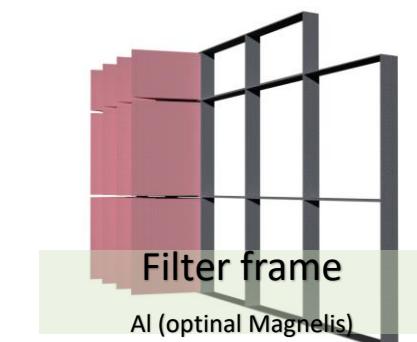
**Electricity:**

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).

