UP-AC-500

Outdoor enclosure air conditioner



500 W

Cooling capacity at L35/L35

230 V | 50/60 Hz

Electrical supply

Wall-mounted outdoor unit

Cooling and electrical data

Cooling capacity (L35/L35)	**500 W**
Power input (L35/L35)	**312 W**
Supply voltage / rated frequency	**230 V / 50/60 Hz**
Current with cooling on	**1.6 A**
RLA / LRA	**2.3 / 5.4 A**
Refrigerant / charge	**R134a / 290 g or R513A / 245 g**
Airflow, external / internal	**540 / 290 m³/h**
Adjustable setpoint / hysteresis	**15 to 35 °C / 4 °C**

Construction and operating conditions

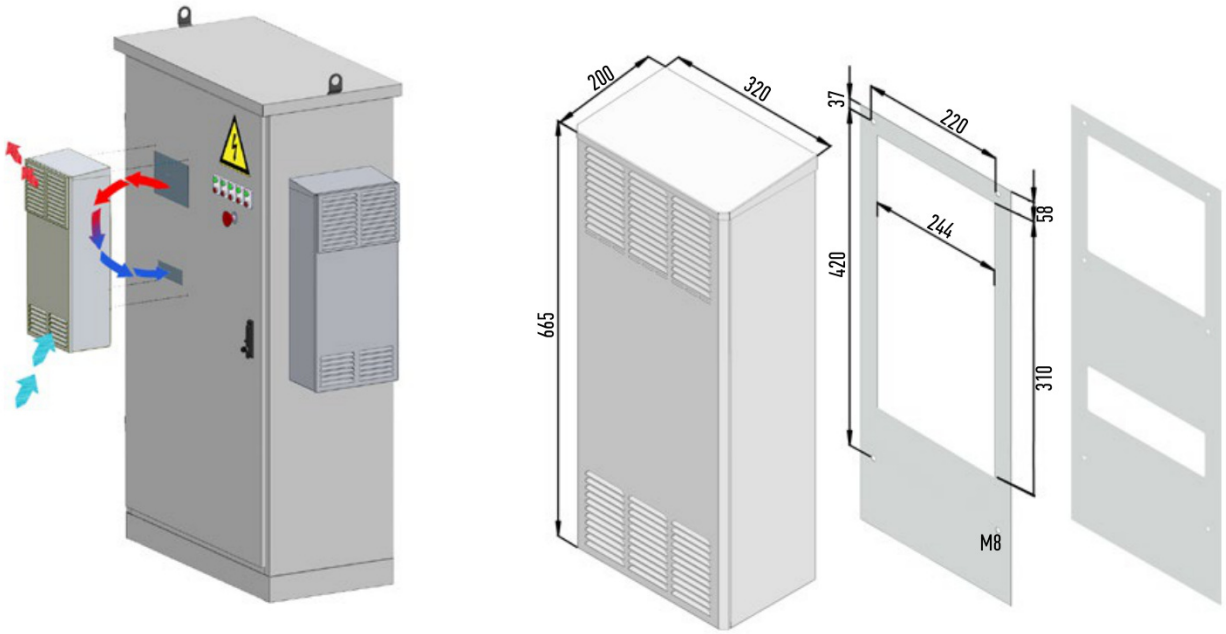
Dimensions, H × W × D	**665 × 320 × 200 mm**
Weight	**20 kg**
Mounting / cover	**Wall mount / painted steel, RAL 7035**
Protection, external / internal	**IP55 / IP65**
Ambient air temperature	**−20 to +55 °C**
Compressor / fans	**Danfoss-Secop / ebm-papst**
Communication options	**EtherNet/IP, Modbus TCP or RTU**
Mobile control	**Android / iOS**

L35/L35 gives the rated output at 35 °C inside the enclosure and 35 °C ambient.

Dimensions and service access

UP-AC-500 | Wall mounting

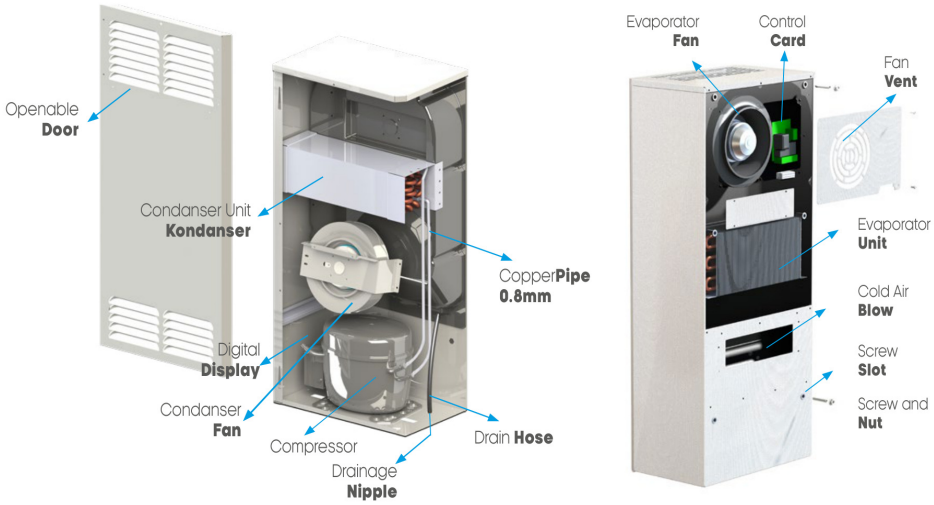
Unit dimensions and mounting cut-out



Overall dimensions (H × W × D)	**665 × 320 × 200 mm**

Dimensions in millimetres. Use the model-specific drawing to locate the panel openings.

Service components



Series service view. Component positions can vary by unit size.

Controls and installation

UP-AC-500 | Interfaces and panel mounting

Electronic control



Cabinet temperature display



Ethernet interface

The digital controller displays cabinet temperature and provides local setpoint adjustment. Ethernet and RS-485 support remote monitoring. A dry contact transmits fault status, and the controller accepts a door-switch input.

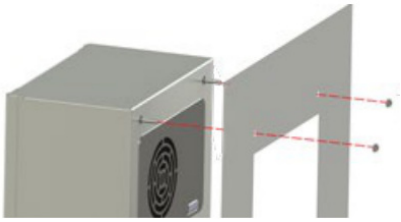
Panel installation sequence



1 Position the template



2 Cut the panel



3 Secure the unit

Check the cut-out and mounting points against the dimensional drawing on page 2.

Use the wiring diagram supplied with the unit and verify its rated supply before connection.

Electrical supply	**230 V / 50/60 Hz**