# UP-AC-1000

Outdoor enclosure air conditioner



**1 000 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) | **1000 W** |
| Power input (L35/L35) | **530 W** |
| Supply voltage / rated frequency | **230 V / 50/60 Hz** |
| Current with cooling on | **2.4 A** |
| RLA / LRA | **3.4 / 13.5 A** |
| Refrigerant / charge | **R134a / 380 g** |
| Airflow, external / internal | **540 / 540 m³/h** |
| Adjustable setpoint / hysteresis | **15 to 35 °C / 4 °C** |

## Construction and operating conditions

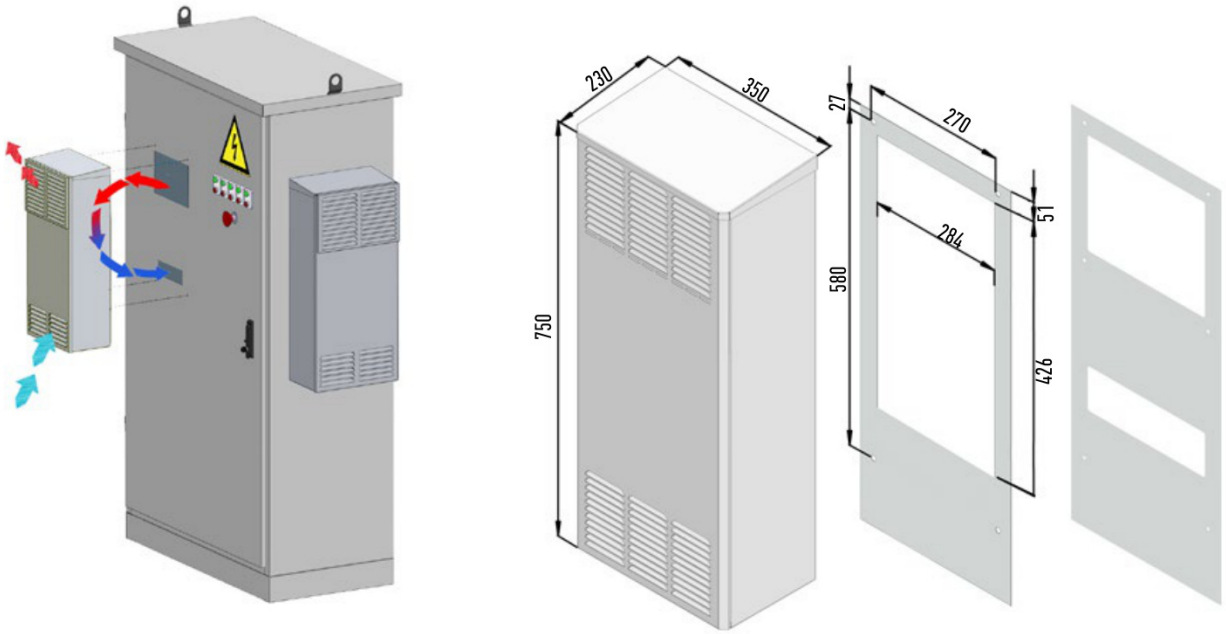
| | |
|---|---|
| Dimensions, H × W × D | **750 × 350 × 230 mm** |
| Weight | **28 kg** |
| Mounting / cover | **Wall mount / painted steel, RAL 7035** |
| Protection, external / internal | **IP55 / IP65** |
| Ambient air temperature | **−20 to +55 °C** |
| Compressor / fans | **Danfoss-Secop / ebm-papst** |
| 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-1000 | Wall mounting

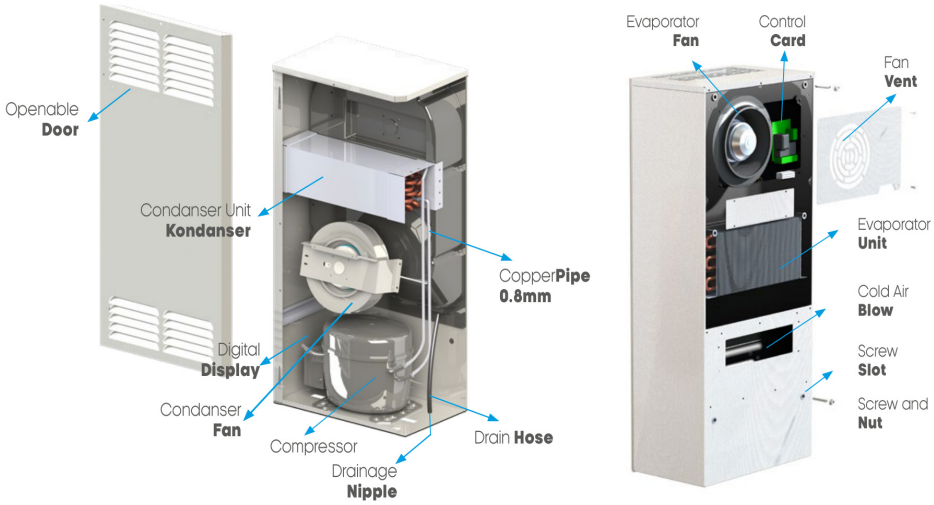
## Unit dimensions and mounting cut-out




| | |
|---|---|
| Overall dimensions (H × W × D) | **750 × 350 × 230 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-1000 | 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.

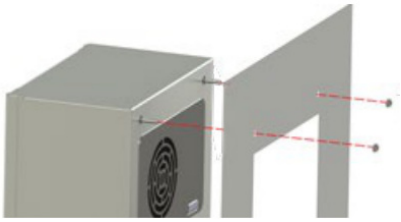
## Panel installation sequence



**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** |