

MODEL	CODE
DWF 250	DWF00250
DWF 250 I	DWF01250

Ductable isothermal dehumidification module designed for horizontal ceiling installation. It shall be combined with controlled mechanical ventilation units with suitable air flow since it does not include any fans. It consists of a refrigerant circuit (R290) and pre and post- treatment coils to be supplied with cooled water (15 °C). It is mandatory to use 1 condensate drain kit (SF-P N).

FEATURES

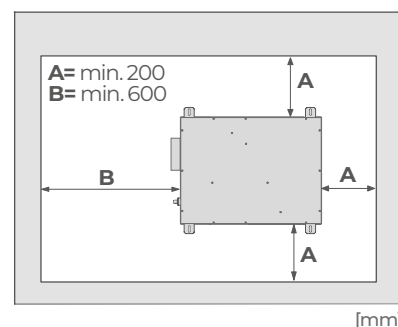
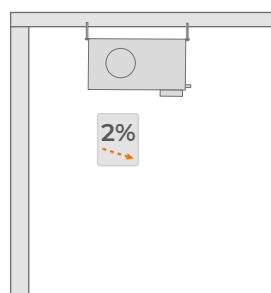
- **Compressor:** Hermetically sealed with a bipolar single-phase asynchronous motor coupled with an alternative single cylinder compressor
- **Condenser temperature sensor:** NTC sensor that detects the condenser temperature
- **Pre-treatment coil:** copper tubes and aluminium fins with hydrophilic treatment
- **Evaporator coil:** copper tubes and aluminium fins with hydrophilic treatment
- **Post-heating coil:** copper tubes and aluminium fins
- **Water temperature probe:** NTC sensor which measures the temperature of the water
- **Evaporator temperature probe:** NTC sensor which measures the temperature of the air after the condenser
- **Circuit board fuse:** 250V- 15 A

TECHNICAL DATA

- Max. electrical power: 500 W
- Elect. power supply 230 Vac - 50 Hz
- Water flow rate: 240 l/h
- Nominal air flow rate: 150 m³/h
- Refrigerant: R290 (110 g)

INSTALLATION

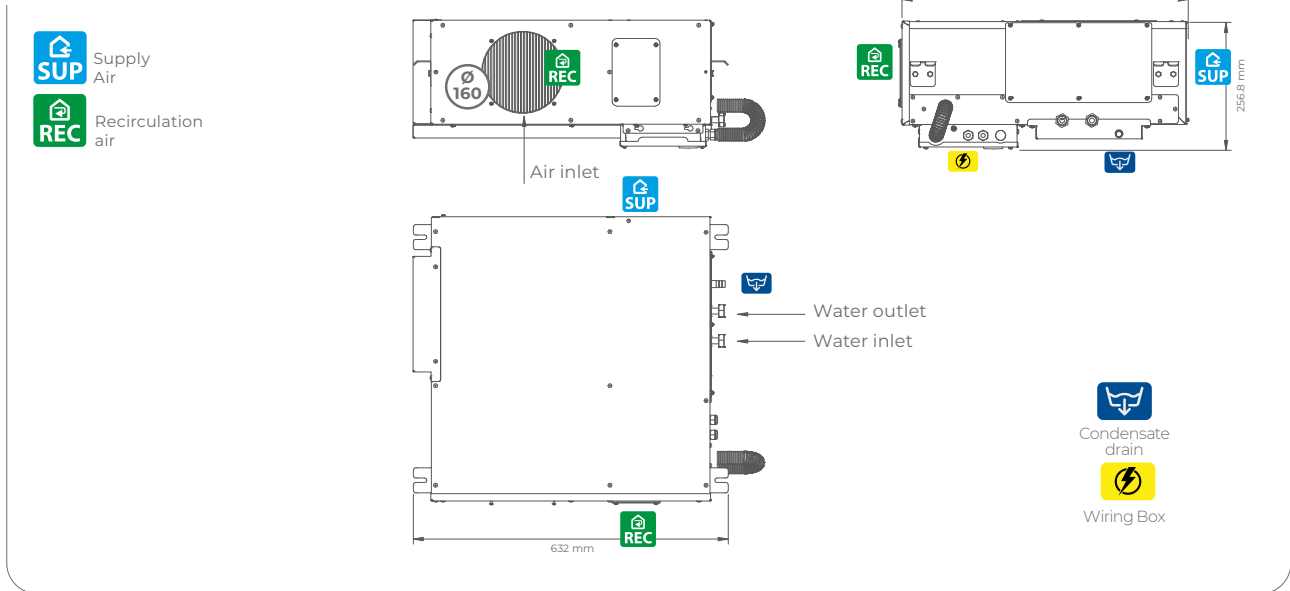
- Horizontal ceiling mounted
- Slope 2%





CONNECTIONS AND FILTERS

- Air duct connections Ø 125 and 160 mm
- Hydraulic connections: ½" F
- Condensate drain Ø 14 mm



COMPLEMENTS

	Accessories				Siphon
Name	MP 2-12 Flow meter	Flange Ø 160 Pipe connection flange Ø 160	Flange PLD-6 Pipe connection flange plenum PLD-6	Flange PLD-10 Pipe connection flange plenum PLD-10	SF-P N Sifowall