

Product Name :
Wet Cooling Tower

Product Code :
DM181



Description :

Wet Cooling Tower

Technical Specification :

Wet Cooling Tower

Principle of a wet cooling tower with cooling column and forced ventilation
Interchangeable cooling columns with different wet deck surfaces available as accessories
Water circuit with pump, filter, valve and a nozzle as atomiser
Three-stage heater with thermostat for water heating
Radial fan for forced ventilation
Throttle valve to adjust the air flow
Demister unit at the outlet of the cooling columns minimises water loss
Tank for additional water compensates for water loss
Display of temperature, differential pressure, flow rate and humidity
Software for data acquisition via USB under Windows 10

Technical data:

Cooling column

Specific surface of the wet deck surface: 110m²/m³

Cross-section: 150x150mm

Volumetric air flow measurement via orifice: ~ 80 mm

Heater, adjustable in three stages:

500W

1000W

1500W
Thermostat: switches off at 50Â°C
Fan
power consumption: 250W
Pressure difference: 4,3mbar
Volumetric flow rate: 13m³/min
Pump
Head: 70m
Flow rate: 100L/h
Tank for additional water: 4,2L
Measuring ranges
Differential pressure: 0â€¹10mbar (air)
Flow rate: 12â€¹360l/h (water)
Temperature: 2x 0â€¹50Â°C, 3x 0â€¹100Â°C
Rel. Humidity: 10â€¹100%
230V, 50Hz, 1 phase.

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