

**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: 110m<sup>2</sup>/m<sup>3</sup>

Cross-section: 150x150mm

Volumetric air flow measurement via orifice: Ø 80mm

Heater, adjustable in three stages:

500W

1000W

1500W  
Thermostat: switches off at 50°C  
Fan  
power consumption: 250W  
Pressure difference: 4,3mbar  
Volumetric flow rate: 13m<sup>3</sup>/min  
Pump  
Head: 70m  
Flow rate: 100L/h  
Tank for additional water: 4,2L  
Measuring ranges  
Differential pressure: 0...10mbar (air)  
Flow rate: 12...360l/h (water)  
Temperature: 2x 0...50°C, 3x 0...100°C  
Rel. Humidity: 10...100%  
230V, 50Hz, 1 phase.

## Naugralabequipments

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