

Product Name :
Vortex Cooling Device

Product Code :
DM185



Description :

Vortex Cooling Device

Technical Specification :

Vortex Cooling Device

Functional model for cold air generation using a vortex cooling device (vortex tube) with the aid of compressed air

Experimental unit with clear design of all components at the front

Simple design, no moving components, wear-free

Measuring of the compressed air inlet pressure by manometer

Flow rate measurement of compressed air and exhaust hot air by rotameters

Digital displays for inlet temperature and outlet temperature of cold and hot air

Technical data:

Vortex cooling device

Inlet pressure: 5,5bar

Air consumption: 420l/min

Refrigeration capacity: 267w (230kcal/h)

Minimum temperature: -40Â°c

Maximum temperature: 110Â°c

Measuring ranges

Temperature: 3x -50â€¦150Â°C

Pressure: 0â€¦10bar

Flow rate: 2x 2â€¦25m3/h

230V, 50Hz, 1 phase

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