



Email : sales@laboratoryinstrumentindia.com

Product Name :
Water To Air Heat Exchanger Trainer

Product Code :
LBNY-0005-125000140



Description :

Electrical heater with thermostat
Closed hot water circuit including heater, tank and pump
Water flow and air flow rates adjustable
Electronic sensors with digital displays
Transfer characteristics of a water-to-air heat exchanger
Water-to-air heat exchanger as cooler for hot water
Determination of volumetric air flow rate via differential pressure at orifice plate flow meter.

Technical Specification :

Pump
Max. Flow rate: 4,2m³/h
Max. head: 20,5m
Power consumption: 470W
Fan
Power consumption: 0,25kw
Max. Flow rate: 13m³/min
Max. Pressure difference: 430Pa
Hot water tank: 28L
Cooler
Capacity: 2kw
Water temperature: 70°C
Material Cu/Al

Heat transfer area: 2,80m²

Heater: 2kW

Measuring ranges:

Air mass flow rate: 0...250g/s

Temperature: 4x 0...100°C

Delivery pressure water: 0...4bar abs.

Water flow rate: 0...6m³/h.



Laboratory Instrument India