

Product Name :
Heat Transfer In The Tubular Heat Exchanger

Product Code :
DM554



Description :

Heat Transfer In The Tubular Heat Exchanger

Technical Specification :

Heat Transfer In The Tubular Heat Exchanger

Convective heat transfer on a model of a tubular heat exchanger

Parallel flow or counterflow operation adjustable via ball valves

Closed hot water circuit, insulated, with tank, pump and heater with thermostat

Temperature sensors: inlet and outlet temperatures as well as after half the heat transfer path

Flow measurement via 2 impeller flow rate sensors

Software for data acquisition via USB under Windows 10

Technical data:

Pump

Power consumption: 70W

Flow rate: 3300L/h

Head: 4m

Heater

Output: 2kW

Thermostat: 20â€¦85Â°C

Heat transfer surfaces

Hot side: 0,0306m²

Cold side: 0,0402m²

Average transfer surface: 0,0354m²

Tank: 20L
Measuring ranges
Temperature: 6x 0â€¦100Â°C
Flow rate: 2x 0â€¦360L/h
230V, 50Hz, 1 phase

Naugralabequipments

Website: www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003