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Product Name :
Heat Transfer In A Tubular Heat Exchanger Apparatus

Product Code :
LBNY-0005-125000143



Description :

Heat Transfer In A Tubular Heat Exchanger
Temperature Controller Controls The Water Inlet Temperature For The Hot Water Circuit
7 Temperature Sensors With Digital Display And Selector For Temperature Measuring Points
Process schematic
Parallel Flow And Counter Flow Operation Adjustable
Flow Rates Adjustable Using Valves
Hot Water Circuit With Tank, Heater, Temperature Controller And Pump
Cold Water Circuit From Laboratory Supply.

Technical Specification :

Heat Exchanger
Length: 600mm
Tube diameters (t=1mm): D=8mm, D=15mm
Mean Transfer Area: 0,013m²
Tubes Made Of Cu, Thermal Conductivity K: 384W/Mk
Pump
Tank: 6,5L
Max. Head: 4m
Max. Flow Rate: 4m³/H
Heater: 3kw, With Thermal Cut-Out
Power Consumption: 70w
Measuring Ranges

Temperature: 0...100°C
Flow Meter: 20...250l/H.



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