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Product Name :
Shell And Tube Heat Transfer Between Steam And Water

Product Code :
LBNY-0005-1250004



Description :

Shell & tube heat exchanger for studying the convective heat transfer between steam and water in counter flow
Safety valve in the hot water tank for safe operation
Measurement of temperatures, pressures, flow rate and condensate volume
Steam volume controlled by thermostatic valve
Precise determination of the steam volume by measuring the condensate volume
Additional manual valve for the introduction of heating steam into the shell & tube heat exchanger

Features:

Thermostatic steam regulation
Convective heat transfer between steam and water

Technical Specification :

Shell & tube heat exchanger
Output: 14,6 kW
Tubes 12x, stainless steel
Heat transfer surface: 0,178 m²
Length: 0,605 m
Ø ~ 12 mm

Steam
Steam control thermostat: 50-120 degree C
Measuring cup for condensate: 250 mL

Consumption:13kg/h
Max. pressuresaturated steam: 7bar.



Laboratory Instrument India