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Product Name :
Turbulent Flow Heat Exchanger

Product Code :
LBNY-0002-710017



Description :

Turbulent Flow Heat Exchanger

Technical Specification :

Turbulent Flow Heat Exchanger

This equipment is meant for study of the heat transfer between hot water that circulates through an internal tube and cold water that flows through the annular zone between the internal and the external tube.

Heat Exchanger Service Unit is fully instrumented and operates from conventional single phase electrical supply and mains water.

The unit provides services for any of the optional heat exchangers.

The hot water system is equipped with a safety temperature limiting device.

The instrumentation consists of up to 12 type T thermocouples, displayed on a digital panel meter, and two flow-meters for hot and cold fluids.

A Water to Water Turbulent Flow Heat Exchanger is provided with the unit.

Experiments possible:

Determine the heat transfer rate, logarithmic mean temperature difference, and overall heat transfer coefficient and 4 point hot and cold stream temperature profiles.

determination of surface heat transfer coefficient inside and outside the tube, and of the effect of fluid velocity.

Comparison of performance in concurrent and in counter-current flow.

Turbulent Flow Heat Exchanger, Turbulent Flow Heat Exchanger Equipments, Turbulent Flow Heat Exchanger Tools, Turbulent Flow Heat Exchanger Tool Kits, Turbulent Flow Heat Exchanger Manufacturers, Turbulent Flow Heat Exchanger Suppliers from India, China, Kenya



Laboratory Instrument India