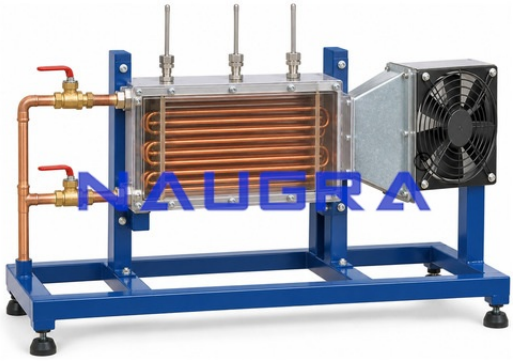
Product name:	Product code:
Cross Flow Heat Exchanger Apparatus	Transfer Lab0018



Description

Cross Flow Heat Exchanger Apparatus

Technical specification

- This unit consists of a PVC rectangular duct, axial fan and a single fan radiator
- The radiator is accommodated in the middle and across the air duct
- The axial fan is located between the radiator and one edge of the duct. It can provide max air velocity of 2m/s.
- The fins of the radiator are made from copper and shine in the light, and allow a heat transfer area of 14,000mm2
- Four thermocouples measure input and output water and air temperatures

Cross Flow Heat Exchanger Apparatus

Specification of Cross Flow Heat Exchanger

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- Some parts in the heat exchanger such as probes and axial fan can be easily removed for cleaning.
- Enables variation of the parameters involved in the cross flow exchange process and therefore a complete analysis of the phenomena.
- K-type thermocouples measure the inlet and outlet water and air temperatures, as well as permitting the connection of the air velocity sensor.
- The air mass flow rate is derived using an air velocity sensor.
- Mounted on a PVC base plate which is designed to be installed on the plinth of the Heat Exchanger Unit without the need for tools.
- A comprehensive instruction manual is included.

Technical Details Of Cross Flow Heat Exchanger