

---

<b>Product Name :</b> Cross Flow Heat Exchanger Apparatus	<b>Product Code :</b> Transfer Lab0018
--	---

**Description :**

Cross Flow Heat Exchanger Apparatus

**Technical Specification :**

Cross Flow Heat Exchanger Apparatus

**Specification of Cross Flow Heat Exchanger**

- 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**

- 
- 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 14,000mm<sup>2</sup>
  - Four thermocouples measure input and output water and air temperatures

## Civil Mechanical India

**Website:** [www.civilmechanicalindia.com](http://www.civilmechanicalindia.com), **Email:** [export@civilmechanicalindia.com](mailto:export@civilmechanicalindia.com)

**Address:** 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, +91-0171-2601773