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**Product Name :**  
Shell And Tube Heat Exchanger

**Product Code :**  
LBNY-0005-10200044



#### **Description :**

The heat exchanger is constructed from stainless steel tube and clear acrylic. It is mounted on a PVC baseplate which is designed to be installed on the plinth of the Heat Exchanger Service Unit without the need for tools. A miniature shell and tube heat exchanger for use with an Heat Exchanger Service Unit. Four temperature sensors are supplied in tappings at fluid inlets and outlets. Comprises an outer shell and seven internal tubes. There are two transverse baffles inside the shell.. A comprehensive instruction manual is included. The stainless steel tubes can be removed from the heat exchanger for cleaning.

#### **Technical Specification :**

Nominal combined heat transfer area of 20,000mm<sup>2</sup>.  
Cold fluid (cold water) enters one end of the shell at the bottom and exits at the opposite end at the top having flowed over and under two transverse baffles inside the shell.  
Hot fluid in the inner tubes and cold fluid in outer shell to minimize heat loss from the exchanger without the need for additional insulation.  
The outer annulus, end caps and baffles constructed from clear acrylic to allow visualisation of the heat exchanger construction and minimize thermal losses.  
Seven stainless steel tubes, 6.35mm OD.

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# Laboratory Instrument India

