



# CROSS FLOW HEAT EXCHANGER

## RH 076

### Description:

Convection heat transfer is a common way to transmit thermal energy by mediating a fluid. By increasing effective surface area, the heat transfer amount will be increased. In this unit hot water flows in Copper coils and forced air flow meets the coils in a duct and normal direction to them. Both triangle and square patterns can be set.

### Specifications:

- Air fan
- Air duct
- Temperature sensors
- Pump
- Anemometer
- Storage tank
- Copper tubes
- Electrical heating element
- Rotameter
- Electrical control panel with displays and switches
- Piping system with valves and fittings
- Wheeled carbon steel structure
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

### Applications:

1. Investigating cross flow heat exchanger performance
2. Comparing the results for different triangle and square patterns

### Required For Operation:

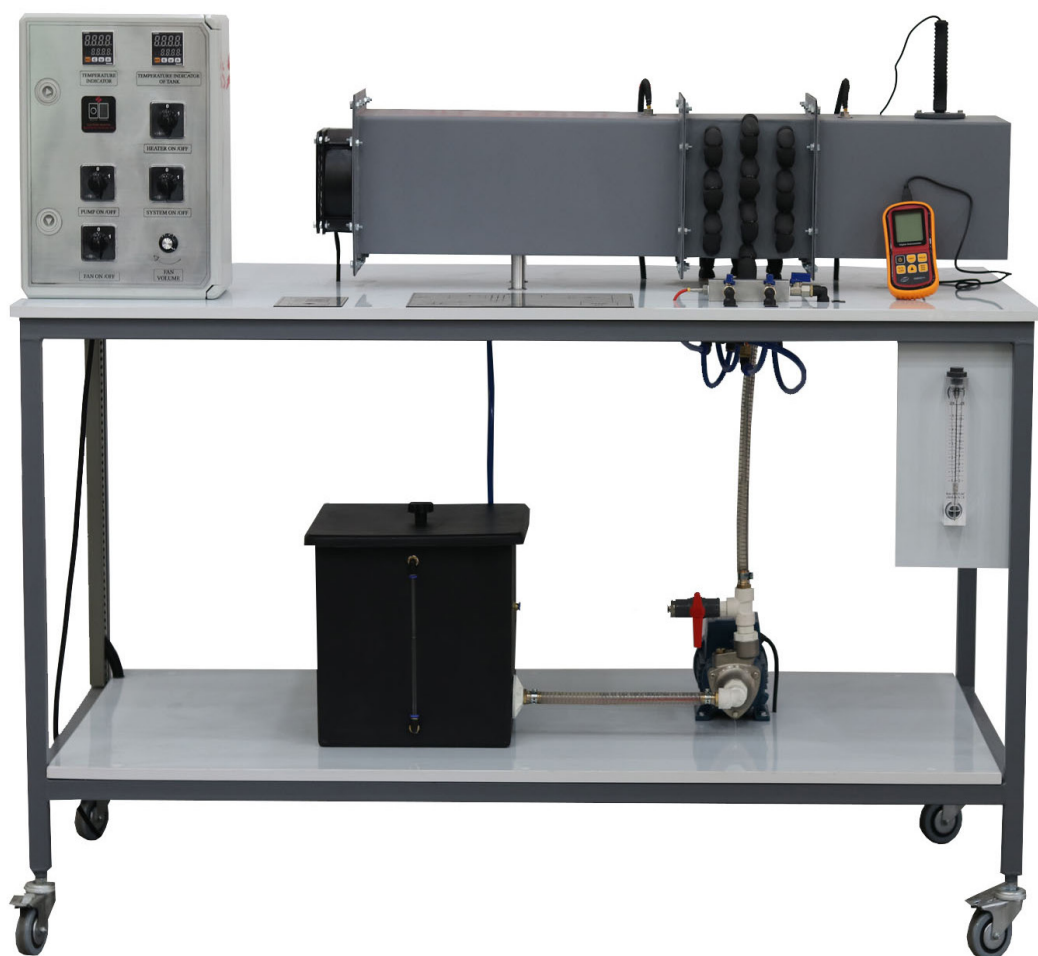
- 220V Single Phase Electricity
- Distilled Water
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



# CROSS FLOW HEAT EXCHANGER

RH 076

HEAT TRANSFER



Dimensions (L\*W\*H) mm:1500×750×1300

[www.radmansanatco.com](http://www.radmansanatco.com)