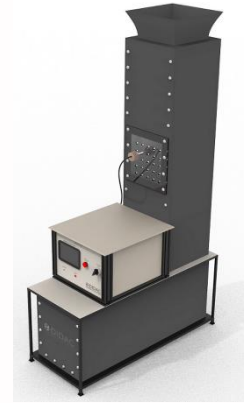


Cross Flow Heat Exchanger Apparatus (EDC-HT-016)

EXPERIMENTAL DATA:

- Cross flow Heat Exchanger:
 - Variable Heater.
 - Variable Fan Speed.



DESCRIPTION:

The apparatus consists of a channel with an inlet fan, a heater and temperature sensor to measure temperatures. LCD display for control and display of fan speed and temperature value. A cross-flow heat exchanger exchanges thermal energy from one airstream to another fluid in an air handling unit (AHU).

Optional Software is available for Data Acquisition and Control Function.

SPECIFICATIONS:

- Air duct.
- Air fan with variable speed.
- Temperature sensor.
- Heat Exchanger.
- Air flow sensor.

DIMENSIONS AND WEIGHT:

- L x W x H (mm): 400 X 600 X 2000 approx.
- Weight: 50 kg approx.

TECHNICAL DATA:

- Duct: 150X 150 mm, height 750mm.
- Fan with variable speed:
 - power: 50W.
 - max. velocity of air: 2m/s.
 - max. speed: 850min-1.
- Heater with variable heating power:
- Water tubes for crossflow of water.
 - 0 – 300W.
- 230V, 50Hz, 1 phase.

SCOPE OF DELIVERY:

- 1 x EDC-HT-016.
- 1 x Instructional Manual.

