

Heat Exchange Unit - Monotubular

DESCRIPTION

- The heat exchange unit is delivered complete with instrumentation and includes a technical and instruction manual.
- Designed for different levels and fields of study.
- Quick action couplings on the cold circuit can be used to reverse the direction of the current.



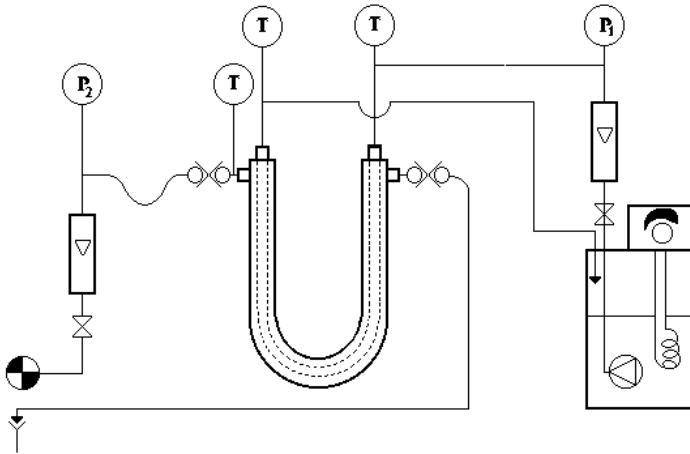
PEDAGOGIC APPLICATIONS

Concurrent heat exchange

Countercurrent heat exchange

Laminar or turbulent flow

BET 010



UTILITIES

Electricity : 230 V single-phase – 50/60 Hz
Water : 1 L/min

DIMENSIONS

Length : 450 mm
Width : 630 mm
Height : 620 mm
Weight : 40 kg

1- Thermoregulator group

Capacity : 5 liters
Regulation from + 20°C to + 100°C
1000 W power
Equipped with a regulator $\pm 0.5^\circ\text{C}$ and circulation pump

2- Hot water in closed circuit

3- Exchanger

Mono tube with concentric tubes
Outside tube covered by a thermal insulation

4- Temperature probes

Four probes : input and output exchanger - cold and hot circuit

5- Flow meters

Two flow meters : cold and hot circuits

6- Valves

Two hot and cold flow regulation valves

7- Pressure sensors

Two hot and cold circuit pressure sensors

8- Cold circuit

Connected to the network