



Automatic heat recovery and semi automatic



HEAT RECOVERY REAFRIO

- All the models have capacity to warm the water from 50 to 70 degrees Celsius, but it will depend on the power of the unity and the volume of the milk being cooled in the cooler;
- The product is not indicated to coolers with less than 4 HP of power and with a milk volume per milking of less than 1000 liters;
- The system can utilize from 30 to 60% of energy that is wasted from the compressor and condenser unit to the medium;
- Improves coolers efficiency;
- The automatic system controls the temperature from the boiler water, improving the process;
- For the robotic milking system it is mandatory to use the semi-automatic heat recovery unit.

Items included:



Circulation Pump

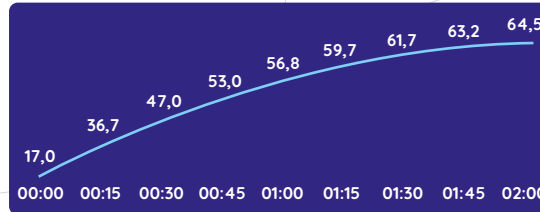


Stainless steel parallel plate exchanger



Control panel (automatic only)

Tests realized on laboratory



Condition of the test:

Cooler	Open horizontal 1500 LT
Condensing Unity	4 HP
Volume of mil	750 LT
Boiler	200 LT

✓ **Result:** Heated 200 liters of water from 17 degrees to 64.5 degrees in two hours.

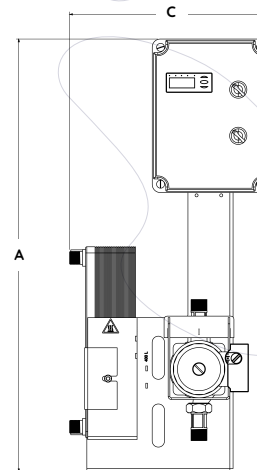
Heat Recovery Technical Information

- Heat recovery with a capacity of 400l are used in condenser units above 4 hp;
- Heat recovery with a capacity of 600l are used in condenser units above 6 hp.

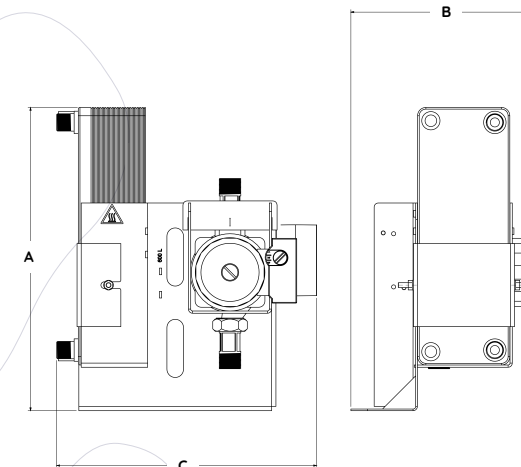
Automatic/Semi-Automatic measurement.

Capacity	A	B	C
600 liters automatic	677	264	325
400 liters automatic	677	264	325
600 liters semi-automatic	365	215	313
400 liters semi-automatic	279	209	313

Automatic



Semi-Automatic



Subtitle:

- A: Total height
- B: Total length
- C: Overall width

Technical data, configurations, and measurements are subject to change without prior notice, contact REAFRIO. Merely illustrative images. V: FEB/2024