Refrigerated cooling coils for baths “Frigedor” and “Frigedor-Reg”

TEMPERATURES FROM -20 °C TO +20 °C.

APPLICATIONS

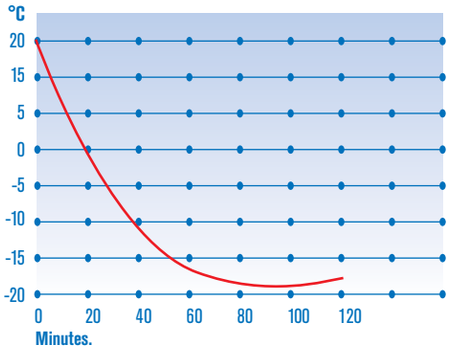
Designed for bath and tank applications that require below ambient temperatures.

COMMON FEATURES

The unit is bench mountable and contains within the epoxy coated case a CFC free hermetically sealed compressor with condenser and evaporator, the cooling coil is made of AISI 304 stainless steel.

COIL DIMENSIONS

Refrigerated immersion length: 900 mm.
Cooling coil Ø: 45 mm.
Coil length: 150 mm.



Graph showing the cooling performance of the 8 litre H_2O “Frigedor” With insulated stirring tank.

MODEL FRIGEDOR

No temperature controller incorporated.
Continually operates the compressor.

CONTROL PANEL

Mains switch with “ON” indicator lamp.

MODEL FRIGEDOR REG

Equipped with a temperature controller with digital control and display. Includes a Pt 100 temperature probe.
Resolution: 1 digit.

CONTROL PANEL

Mains switch with indicator “ON” lamp. Digital temperature controller with push buttons, connector for the Pt 100 temperature probe. (See accessories).

MODELS	Part No.	Temperature range °C	Stability °C	Height / Width / Depth (exterior) cm	Cooling potential	Power W	Weight Kg
FRIGEDOR	3000778	-20 to +20	–	41 21 34	to -20 °C = 50 W	285	14
FRIGEDOR-REG	3001214	-20 to +20	±1.5	41 21 34	to -20 °C = 50 W	285	14

We recommend our thermally insulated baths (see page 100).

Water recirculator “Intercooler”

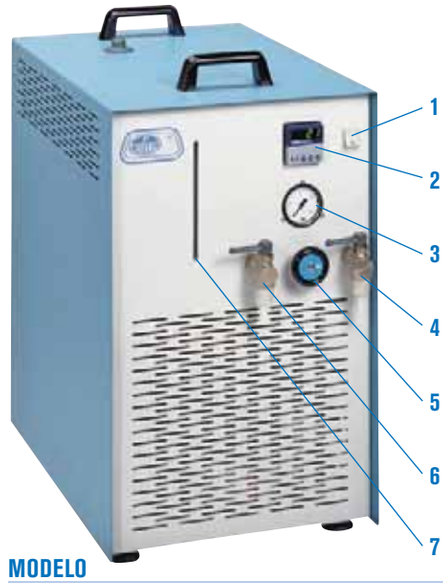
TEMPERATURES FROM +3°C TO AMBIENT.

DESCRIPTION

Water circulation unit, designed to feed closed water loop circuits for condensers, distillation columns, reactor jackets, viscometers, electrophoresis baths etc. designed specifically for:
- Constant temperature.
- Constant pump rate of refrigerated fluid.
- Closed loop circuit, avoids the build up of scale in cooling coils,and cooling circuits.
- Reduced running costs, eliminates the waste of thousands of litres of water that are daily drained away within the laboratory.

FEATURES

Controllable temperature from +3 °C to ambient.
Digital electronic temperature control.
Circulation pump.
Hermetically sealed compressor, ventilated condenser and refrigerated cooling coil, made of AISI 304 stainless steel.
Refrigerant pump rate: 350 litres per hour.
Maximum pressure: 1 bar.
Epoxy covered steel case, bench top.



CONTROL PANEL

1. Mains switch.
2. Digital temperature control.
3. Pressure gauge.
4. Entry valve.
5. By-pass pressure valve control.
6. Exit valve.
7. Water level in the reservoir.

MODELO

Part. No.	Height / Width / Depth (exterior) cm.	Cooling capacity W 3 °C / 10 °C / 20 °C	Power W	Weight Kg
6001421	65 40 60	508 696 1031	670	52