

OBC-50L

Heating Bath Circulator

Lab1st OBC series is a kind of heating bath circulator, with temperature ranges from RT~99°C or RT~180°C. It can provide heating fluid to jacketed reactors or other devices. Heat transfer fluid can be water or oil according to specific temperature requirements. It is widely used for drying, concentration, distillation, dipping in chemical reagents, dipping medicines and biological products.

Features

The circulation system is made of stainless steel and copper, which is anti-rust and anti-corrosion

Adopts PID control with accurate temperature control

High efficiency circulating pump with heat dissipation design, more safety

Equipped with lockable casters

Water bath: RT-99°C; oil Bath: RT- 180°C

Solid state relay control circuit, no contact, no flame



Parameters

Model	OBC-50L
—TECHNICAL DATA—	
Design Temperature [°C]	Water bath: RT~99°C; ±1°C; Oil bath: RT~180°C; ±1°C
Ambient Temperature	-10 ~ 60°C
Optimum Ambient Humidity	< 90%RH
Electrical Requirements	220V;1P
Frequency [HZ]	50 or 60
Total Power [Kw]	5.1
Heating Power [Kw]	5
Temperature Sensor	PT100
—FLUID BATH—	
Volume [L]	50
Bath Opening Size [mm]	Ø400
Bath Depth [mm]	400
Circulation Interface	G3/4"
—CIRCULATION PUMP—	
Power [W]	280
Lift [m]	12
Rated Flow [L/min]	30
—WEIGHT DIMENSION—	
Unit Weight [Kg]	33

Unit Dimension [mm]	680×550×840
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Packages

W (mm)

CBM (m3)

D (mm)

Weight (kg)

H (mm)

* Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.