

Refrigerated Circulators- Basic Series (BC)

ESCY Refrigerated circulators are suitable for both internal & external temperature control applications. Depending on the required temperature, rate of heating or cooling, and desired features, one can select from various models. Smaller objects can be inserted directly into the bath at the same time.

- High quality stainless steel bath tanks with bath lids and drain tap.
- Microprocessor based PID Controller with Dual LED Display.
- Models for internal and external circulation applications.
- Integrated pump connection with nozzles.
- Compact and space saving.
- Robust Cooling.
- Easy operation.

Standard Specification:

- Temperature stability: $\pm 0.03^{\circ}\text{C}$
- Pump pressure (mbar): 300
- Pump Flow rate Max (lpm): 12
- No. of Set Points: 1



Technical Specification:

Model	R09BC3010A
Working temperature range (°C)	-30 to +100
Ambient temperature range (°C)	25 to 40
Temperature stability (°C)	±0.03
Heater power max (kW)	2
Current max (amps)	10
Pump pressure (mbar)	300
Pump flow rate max. (lpm)	12
No. of set points	1
In / Outlet connection thread (outside) mm	8 & 12
Pressure adjustment	Optional in PB Model
Bath volume (L)	9
Overall dimensions (WxDxH) mm	430 x 475 x 700
Weight (Kg)	28
Refrigerant stage 1	R404 a
Power supply	230V; 50Hz
Power plug (amps)	16
Temperature	Cooling capacity (Ethanol)
20°C	0.7 kW
0°C	0.5 kW