

## 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: +/- 0.03°C
- Pump pressure (mbar): 300
- Pump Flow rate Max (lpm): 12
- No. of Set Points: 1



**Technical Specification:**

Model	R09BC1010A
<b>Working temperature range (°C)</b>	-10 to +100
<b>Ambient temperature range (°C)</b>	25 to 40
<b>Temperature stability (°C)</b>	±0.03
<b>Heater power max (kW)</b>	2
<b>Current max (amps)</b>	10
<b>Pump pressure (mbar)</b>	300
<b>Pump flow rate max. (lpm)</b>	12
<b>No. of set points</b>	1
<b>In / Outlet connection thread (outside) mm</b>	8 & 12
<b>Pressure adjustment</b>	Optional in PB Model
<b>Bath volume (L)</b>	9
<b>Overall dimensions (WxDxH) mm</b>	360 x 450 x 630
<b>Weight (Kg)</b>	26
<b>Refrigerant stage 1</b>	R134 a
<b>Power supply</b>	230V; 50Hz
<b>Power plug (amps)</b>	16
<b>Temperature</b>	<b>Cooling capacity (Ethanol)</b>
<b>20°C</b>	1 kW
<b>0°C</b>	0.6 kW