2.2 Refrigerated Circulators

Prime Series (PB)

The ESCY Prime series refrigerated circulators (PB models) are equipped with all the features of the PS models. Additionally, they feature higher-capacity pumps designed to handle both high pressure and flow rates.



Standard Specification for all models:

- Temperature stability: ±0.03°C
- Pump pressure (mbar): 700
- Pump Flow rate Max (lpm): 16.
- No. of Set Points: 4.
- Low liquid level alarm.
- Over Temp Cut o.
- Variable speed control.

Model	Temperature Range (°C)	Bath Volume (L)	Heater Capacity (kW)	Cooling Capacity @ 20°C (kW)	RS485 Comm	External Temperature Control	Ramp and Soak
R05PB1010A	-10 to +100	5	1	0.3	O	O	O
R05PB2010A	-20 to +100	5	1	0.3	O	O	O
R05PB2510A	-25 to +100	5	1	0.6	O	O	O
R09PB1010A	-10 to +100	9	2	1	O	O	O
R09PB2010A	-20 to +100	9	2	0.8	O	O	O
R09PB2510A	-25 to +100	9	2	0.8	O	O	O
R09PB3010A	-30 to +100	9	2	0.7	O	O	O
R09PB4010A	-40 to +100	9	2	0.63	O	O	O
R13PB1010A	-10 to +100	13	2	1	O	O	O
R13PB2010A	-20 to +100	13	2	0.8	O	O	O
R13PB6005A	-60 to +50	13	2	0.6	O	O	O
R13PB8005A	-80 to +50	13	2	0.6	O	O	O
R20PB1010A	-10 to +100	20	2	0.8	O	O	O

Temperatures up to 200°C are available on request.

O = Optional