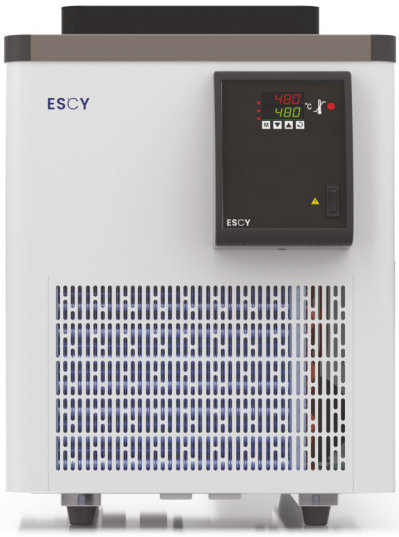
3.1 Recirculating Chillers

Prime Series (PS)

The **ESCY** Prime series recirculating chillers (PS models) come equipped with advanced control & safety features and integrated controller.

- Accurate Temperature control.
- Robust & powerful cooling.
- Small Filling port.
- Safety features viz. Low liquid level audio visual alarm, over temp cut off.
- External Temperature control & RS485 communication port, are optional features.
- Provided with positive displacement pump (max pressure 4 bar & flow rates 6, 12 or 25 lpm).
- Models with fixed Tank capacities (5, 9 litres) or Reservoir with Brazed Plate Heat Exchanger (BPHE Technology).



Standard Specification for all models:

- Temperature stability: ± 0.03°C / 0.5°C
- Temperature control PID I On/Off
- Low liquid level alarm.
- No. of Set Points: 1.
- Over Temp Cut off.
- Pump Pressure (bar): 4

Model	Temperature Range (°C)	Bath Volume (L)	Cooling Capacity @ 20°C (kW)	Pump Flow Rate Max (lpm)	RS485 Comm	External Temprature Control
C05PS0510A	+5 to RT	5	1	6	O	O
C09PS0515A	+5 to RT	9	1.5	6	O	O
C09PS0520A	+5 to RT	9	2	6	O	O
C09PS0528A	+5 to RT	9	2.8	6	O	O
C09PS0550A	+5 to RT	9	5	6	O	O
C09PS0570A	+5 to RT	9	7	6	O	O

Pump flow rates 12 & 25 lpm available on request

O = Optional