

RECIRCULATING HEATER

RH-50L

200°C 50L Recirculating Heater

Built for high flow rates at temperatures of up to 200°C, the RH-50L heats a 50L reservoir from 70°C to 200°C with +/- 0.2°C accuracy. A 7000W heater and a pump delivering 18.3L/Min with water and 6m of total lift circulate silicone oil through 3/4" MNPT connections.

- ✓ **High-temperature range.** 70°C to 200°C with +/- 0.2°C accuracy.
- ✓ **Powerful heating.** 7000W heater for a 50L reservoir.
- ✓ **High flow circulation.** 18.3L/Min with water and 6m total pump lift.
- ✓ **Ready to connect.** 3/4" MNPT ports with two 6ft insulated tubing lines included.
- ✓ **Hardwired power.** 220-240V 50-60Hz 40A single phase, must be hard wired.

MODEL RH-50L


70 to 200°C
TEMPERATURE RANGE

7000W
HEATING POWER

18.3L/min
PUMP FLOW WITH WATER

50L
RESERVOIR CAPACITY

Technical Specifications

Model RH-50L

TEMPERATURE CONTROL

Temperature range	70°C to 200°C
Temperature accuracy	+/- 0.2°C
Recommended fluid	Silicone oil only

OPERATION

Duty cycle	Not intended for 24-hour operation; maximum operation time is 16 hours
Application	High flow rates at temperatures of up to 200°C

INCLUDED

RH-50L 200°C Heater	1
3/4" FNPT insulated tubing, 6ft	2
32A fuse	1

CIRCULATION

Pump flow with water	18.3L/Min
Flow note	Oil flow rate may vary
Total pump lift	6m
Connection size	3/4" MNPT

ELECTRICAL

Power supply	220-240V 50-60Hz 40A single phase
Wiring	Must be hard wired
Acceptable voltage	219V - 253V
208V input	Not compatible with 208V power input
Heating wattage	7000W / 31.81A
Fuse	32A (included)

BATH AND DIMENSIONS

Reservoir capacity	50L
Reservoir dimensions	20" x 22" x 14"
Dimensions (web listing)	20" x 23.5" x 25.5"
Dimensions (measured, L x W x H)	22 x 24 x 29.25 in
Weight (web listing)	108 lb
Weight (measured)	108 lb

ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	ELECTRICAL
RH50L	200°C 50L Recirculating Heater 70°C to 200°C, 50L reservoir	220-240V 50-60Hz 40A Single phase, must be hard wired

IDEAL APPLICATIONS

High flow heating High-temperature circulation u