



AMAR EQUIPMENTS PVT. LTD.

Pressure Reactor Specialist • Flow Chemistry Specialist

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HB-1 (Amb. to +200°C) – Heating Only Bath.

Operating temperature range	Amb. to +200°C
Temperature control accuracy	±0.5°C
Temperature display	LED / LCD
Temperature display resolution	0.1
Internal / Jacket temperature sensor	3-wire RTD PT-100 sensor
External / Process sensor required	3-wire RTD PT-100 sensor
Controller type	PID
Communication / Interface	RS-485 Mod bus (optional)
Alarm message	Indicative
Type of Cooling	Through internal cooling coil Provision of internal cooling coil to bring machine temperature to ambient by circulating cooling water through it.
Cooling coil end connections	3/8" BSP Male
Type of Heating	Electrical
Heating Power	1 kW
Machine standard version	Air-Cooled
Circulation Pump maximum flow	14~16 l/min
Circulation Pump maximum pressure	0.4 bar
Machine end connection	M16x1 Male
Machine overall dimension (W x D x H)	300 x 500 x 450 mm
MOC	Complete SS-304 construction
Power supply	1-Phase, 230V AC, 50 Hz
Maximum current	6A
Ambient temperature condition	10°C ~ 35°C
<u>Standard Safety Features:</u>	
Oil level low in bath	Cut-off, Indication / Message, Auto reset
Over temperature protection	Cut-off, Indication / Message, Auto reset
Compressor over pressure	Cut-off, Indication / Message, Manual reset
Compressor over heat	Cut-off, Indication / Message, Auto reset

- Since development is a continuous process, above specifications can change without prior notice
- The temperature mentioned above is at outlet of the machine hence temperature inside the load may vary due to various factors like process design, distance, head, insulation etc.