

The hot water solution - Solar Assisted Water Heaters by SAHP

The BMTB is an innovative Solar Assisted Heat Pump Water Heater with a 34, 52 or 79 Gallon stainless steel tank.

The BMTB is a great renewable energy option for heating your water. Using thermodynamic principles the BMTB is a cost effective and environmentally friendly water heater.

**HEATS WATER
DAY OR NIGHT**

**SOLAR PV
READY**

**STAINLESS STEEL TANK
WITH 25 YEAR WARRANTY**

MORE GREAT FEATURES

- **No venting required**
- **5 year major component warranty**
- **Environmentally friendly, cost effective**
- **Built to last - Long life system with only one moving part**
- **Ships with cost effective installation kit**



Eco-\$mart, Inc.

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The hot water solution -

Solar Assisted Water Heaters by



SPECIFICATION

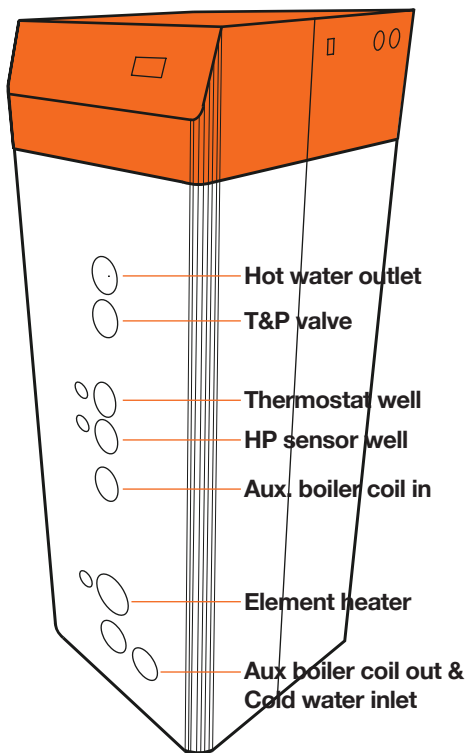
BMTB 130

BMTB 200

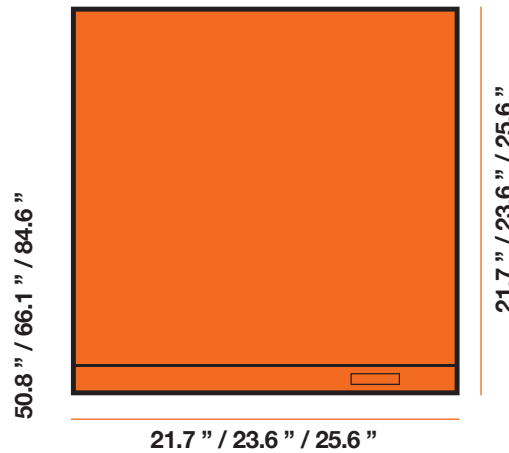
BMTB 300

Power supply	220 - 240 V	220 - 240 V	220 - 240 V
Frequency	60 Hz	60 Hz	60 Hz
Fuse size (Min.)	13 A	13 A	13 A
HP thermal power (Max.)	6,800 BTU/hr	6,800 BTU/hr	6,800 BTU/hr
HP electrical input (Avg.)	600 W	600 W	600 W
Element thermal power (Max.)	5,100 BTU/hr	5,100 BTU/hr	5,100 BTU/hr
Element electrical input (Avg.)	1,500 W	1,500 W	1,500 W
Combined thermal power (Max.)	11,900 BTU/hr	11,900 BTU/hr	11,900 BTU/hr
Combined electrical input (Avg.)	2,100 W	2,100 W	2,100 W
Nominal capacity	34 gal	52 gal	79 gal
Target water temperature (Max.)	130°F	130°F	130°F
Operating pressure (Max.)	101 psi	101 psi	101 psi
Operating pressure (Avg.)	43 psi	43 psi	43 psi
Connections (Compression)	3/4 "	3/4 "	3/4 "
Weight	183 lbs	234 lbs	322 lbs

ISOMETRIC VIEW



PLAN VIEW

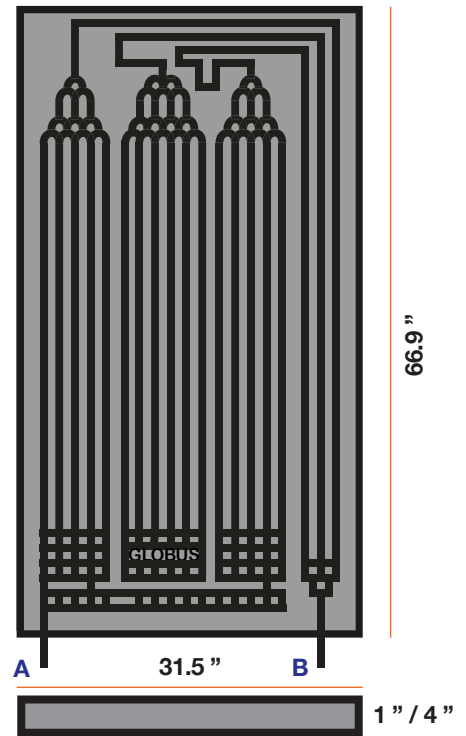


Clearances

front 15"
top 4"

A Refrigerant Gas out
B Refrigerant Liquid in

EVAPORATOR PANEL



Installation kit components

1.5 Kw immersion heater 1 3/4" thread
 Unvented cold feed combination control set
 Secondary expansion tank
 Mounting bracket
 Pressure and temperature relief valve

Control and high limit thermostat
 Hot water multi port zone valve
 Tundish
 2 x 50ft Refrigeration copper
 2 x 50ft Refrigeration copper lagging

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