

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**

**EXTERIOR EVAPORATOR PANEL
NO HEAT REMOVED FROM INTERIOR**

**STAINLESS STEEL TANK
WITH 25 YEAR WARRANTY**

MORE GREAT FEATURES

- **No fan = quiet operation**
- **Over 50% reduction in electricity usage**
- **Cost effective: solar tax credit + rebates apply**
- **Built to last - Long life system with only one moving part**
- **Ships with cost effective installation kit**



**Contact
the team
for latest
prices and
offers**

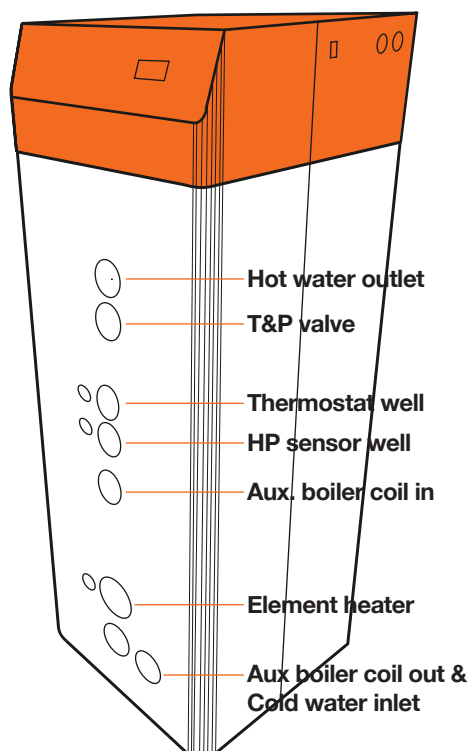
offered by: New England Solar Hot Water | info@neshw.com

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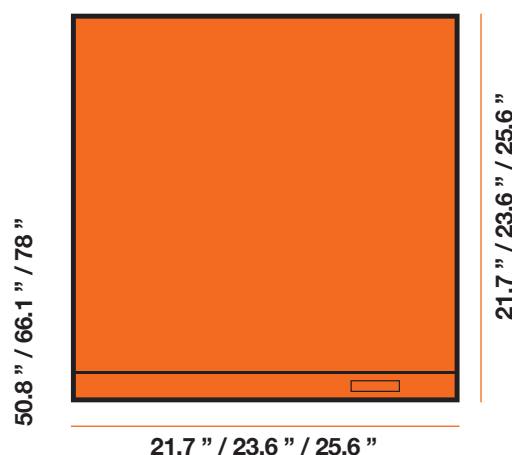
SPECIFICATION

	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
Uniform energy factor	3.05	3.06	3.06
First hour rating (w/o element)	28 gal	45 gal	68 gal
Target water temperature (Max.)	30°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

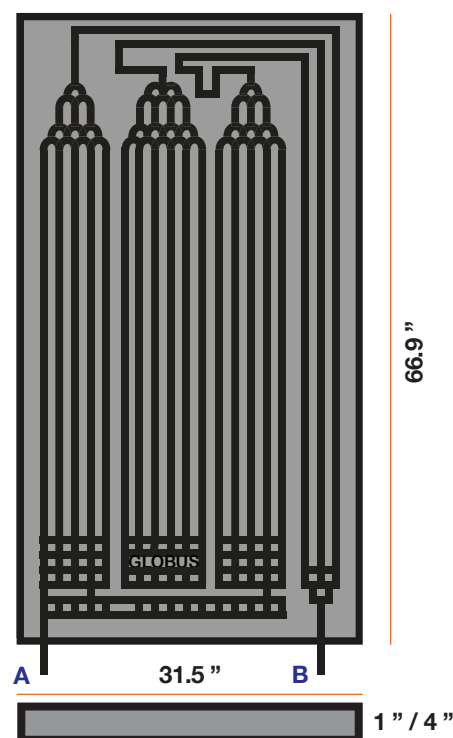


Clearances

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