

HIGH TEMPERATURE TANKS

QUALITY

INNOVATION

RELIABILITY

CAN WITHSTAND CONSTANT HIGH TEMPERATURE, UP TO 315°F/157°C AND MORE*

COMPATIBLE WITH GLYCOL SOLUTIONS

EPOXY PAINT

EPDM BLADDER

WELDED STEEL BODY



**PATENT
PENDING**

*See Calefactio engineering department.

Temperature in high temperature systems can go up to peaks of 385°F/195°C, presenting a risk for some system components and for the expansion tank. Calefactio's brand-new expansion tank series for high temperature can withstand constant temperatures of up to 315°F/157°C. Each tank has a replaceable EPDM bladder, a buffer zone, and is compatible with glycol solutions (up to 50%). In systems equipped with Calefactio high temperature expansion tank, when fluid volume increases because of the heating process, heat transfer liquid expands in the buffer zone, then goes in the bladder which stretches, keeping the temperature below the maximum designed value. When fluid cools, it leaves the expansion tank and goes back to the system.

ITEM #	TOTAL VOLUME		ACCEPTANCE VOLUME		CONNECT. MNPT	PRE-CHARGE	MAX TEMPERATURE	MAX WORKING PRESSURE	DIMENSION DIAM. × HEIGHT		WEIGHT	
	gal	L	gal	L					in	mm	lb	kg
HTS-30	6.6	25	4.5	17	½"	25 psi	315 °F	150 psi	10.6 × 21	270 × 533	12	5.4

If you have any questions, please contact our technical service center at **1 (450) 951.0818** or by email, info@calefactio.com

calefactio.com

GMP FOR SOLAR SYSTEMS

QUALITY

INNOVATION

RELIABILITY



PUMP UP TO 100 PSI

ADJUSTABLE PRV (0-100 PSI)

PUMP CAN RUN DRY

PROVIDE LEAK DETECTION

COMPATIBLE WITH GLYCOL SOLUTIONS (UP TO 50%)

GMP FOR SOLAR SYSTEMS

ITEM #	CAPACITY		ELECTRICAL	PUMP	DISCHARGE CONNECTION	WEIGHT EMPTY		WEIGHT FULL		PRESSURE
	gal	L				lb	kg	lb	kg	
GMP6S	6	22.7	120 Vac/ 60 Hz plug	1.6 GPM 6 L/m	½" FPT	16	7.4	66	30	0-100 psi (0-690 kPa)
GMP18S	18	68.1			½" FPT	25	11.4	175	79.5	0-100 psi (0-690 kPa)

AIR VENT FOR SOLAR SYSTEMS

ITEM #	DESCRIPTION	CONNECT. MNPT	MAX TEMPERATURE	MAX WORKING PRESSURE	DIMENSION DIAM. × HEIGHT		POIDS	
					in	mm	lb	kg
AVHTS	Air vent, brass housing, nickel plated	½"	446 °F (230 °C)	200 psi	8 × 13	200 × 340	0.6	0.3



Information in this document is founded on the most recent data available at the moment of its publication and is meant for a general presentation of our products. The accuracy of this information cannot be guaranteed. Our products are steadily enhanced and their technical specifications can be modified without prior notice.



If you have any questions, please contact our technical service center at **1 (450) 951.0818** or by email, info@calefactio.com

calefactio.com