



# THERMAL PLUS<sup>™</sup> EXPANSION TANK



THERMAL-PLUS thermal expansion tank to absorb expanded water in closed, hot water systems. The expansion occurs as domestic water is heated. THERMAL-PLUS expansion tanks are designed to safely maintain water pressure levels in water heating systems to avoid the relief valve discharge and other potentially hazardous conditions. Thermal expansion tanks work in conjunction with a backflow preventer or check valve. THERMAL-PLUS expansion tanks are built with a stainless steel system connection, a polypropylene liner separated the water with the tank shell, heavy-duty butyl rubber diaphragm, and 40 PSIG nitrogen pre-charge. The tank controls excessive pressure generated inside the water heater and provide the safest system of your home.



Lead-Free



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WEB [www.aquaskyplus.com](http://www.aquaskyplus.com)

The shield coating is available for all models.



<b>SHELL</b>	<b>Cold Rolled Carbon Steel</b>	<b>SYSTEM CONNECTION</b>	<b>Stainless Steel Connector</b>	<b>COATING</b>	<b>Triple Grade Almond Paint</b>
<b>DIAPHRAGM</b>	<b>Heavy-Duty Butyl Rubber</b>	<b>LINER MATERIAL</b>	<b>FDA Grade Polypropylene</b>	<b>FACTORY PRE-CHARGE</b>	<b>40 PSI / 2.8 Bar</b>
<b>AIR NOZZLE PROTECTION</b>	<b>Brass Cap with Internal Oring</b>	<b>MAX WORKING TEMPERATURE</b>	<b>93°C / 200°F</b>	<b>MAX WORKING PRESSURE</b>	<b>150 PSI / 10 Bar</b>

#### AQUASKY THERMAL-PLUS EXPANSION TANK

Model Number	Total Tank Volume		Accept Volume		Diameter		Height		Box Length		Box Width		Box Height		N.W.		G.W.		Shipping Volume	Connection
	Liter	Gal	Liter	Gal	cm	Inch	cm	Inch	cm	Inch	cm	Inch	cm	Inch	Kg	Lbs.	Kg	Lbs.		
TP-3	3	0.5	1.0	0.26	14.0	5.5	21.6	8.5	32.0	12.6	32.0	12.6	24.0	9.4	4.1	9.04	4.7	10.4	0.87	3/4" Stainless Steel
TP-8	8	2.0	3.5	0.92	20.3	8.0	30.0	11.8	21.3	8.4	21.3	8.4	32.4	12.8	1.9	4.19	2.3	5.07	0.52	3/4" Stainless Steel
TP-12	12	3.2	6.0	1.6	22.9	9.0	38.0	15.0	23.9	9.4	23.9	9.4	40.4	15.9	2.9	6.40	3.2	7.06	0.81	3/4" Stainless Steel
TP-18	18	4.5	9.5	2.5	28.0	11.0	37.5	14.8	29.0	11.4	29.0	11.4	38.5	15.2	3.3	7.28	3.7	8.16	1.14	3/4" Stainless Steel
TP-24	24	6.0	11.5	3.1	29.0	11.4	42.2	16.6	30.3	11.9	30.3	11.9	43.5	17.1	3.9	8.60	4.8	10.6	1.41	3/4" Stainless Steel
TP-40	40	10	20.0	5.3	29.0	11.4	56.0	22.0	30.3	11.9	30.3	11.9	58.4	23.0	5.9	13.0	6.8	15.0	1.89	3/4" Stainless Steel

#### Stand Models With Base

TP-60	60	14	42.8	11.3	39.0	15.3	59.2	23.4	40.0	15.7	40.0	15.7	61.5	24.2	9.7	21.4	11.0	24.3	3.47	1" Elbow Stainless Steel
TP-80	80	20	50.0	13.2	39.0	15.3	77.0	30.3	40.0	15.7	40.0	15.7	79.7	31.3	13.1	28.9	14.6	32.2	4.50	1" Elbow Stainless Steel

#### Horizontal THERM-PLUS EXPANSION TANK

TP-18H	18	4.5	9.5	2.5	28.0	11.0	30.9	12.2	39.4	15.5	29.0	11.4	32.9	13.0	3.9	8.60	4.4	9.70	1.33	3/4" Stainless Steel
TP-24H	24	6.0	11.5	3.1	29.0	11.4	32.6	12.8	43.5	17.1	30.0	12.0	34.6	13.6	4.8	10.6	5.4	11.9	1.59	3/4" Stainless Steel
TP-40H	40	10	20.0	5.3	29.0	11.4	32.6	12.8	59.1	23.3	30.0	12.0	34.6	13.6	6.5	14.4	7.4	16.4	2.71	3/4" Stainless Steel
TP-60H	60	14	42.8	11.3	39.0	15.3	42.8	16.9	55.9	22.0	40.0	15.7	45.8	18.0	9.8	21.7	11.1	24.5	3.62	3/4" Stainless Steel
TP-80H	80	20	50.0	13.2	39.0	15.3	42.8	16.9	73.9	29.1	40.0	15.7	45.8	18.0	13.1	28.9	14.7	32.5	4.78	3/4" Stainless Steel

TP-3: 4 pcs per package

⚠ Installation: 60cm away from the water heater, at cold water side.