

Commercial Expansion Tanks

Expansion Tank Sizing based on BTU's

Boiler	Type of Radiation			
	Finned Tube Baseboard or Radiant Panel	Convectors or Unit Heaters	Radiators Cast Iron	Baseboard Cast Iron
	Use Model	Use Model	Use Model	Use Model
Net Output in 1000's of BTU/Hr				
MBH				
25	TK300-15	TK300-15	TK300-15	TK300-15
50	TK300-15	TK300-15	TK300-30	TK300-30
75	TK300-30	TK300-30	TK300-30	TK300-60
100	TK300-30	TK300-30	TK300-60	TK300-60
125	TK300-30	TK300-60	TK300-60	TK300-90
150	TK300-30	TK300-60	TK300-90	TK300-90
175	TK300-60	TK300-60	XPS-030V	XPS-030V
200	TK300-60	TK300-60	XPS-030V	XPS-030V
250	TK300-60	TK300-90	XPS-030V	XPS-040V
300	TK300-90	XPS-030V	XPS-030V	XPS-040V
350	XPS-030V	XPS-030V	XPS-040V	XPS-060V
400	XPS-030V	XPS-040V	XPS-040V	XPS-060V

TAXV Series Expansion Tank- Commercial Usage



TAX Series (commercial) Expansion Tanks are designed to absorb hot water expansion in closed heating systems. TAX tanks are used in large installations. They are equipped with butyl diaphragms to separate the air from the system water (glycol). The tanks are a welded, not clamped, design. Pre-pressurized at 12 psi, the tank keeps fluids circulating and maintains minimum system pressure. Honeywell tanks resist waterlogging, loss of pressure through relief valve spills, and loss of BTUs.

- ASME construction: Horizontal TAX Series tanks.

Maximum Operating Temperature: 240 F (115 C)

Maximum Operating Pressure: 125 psi (862 kPa)

Precharge: 12 psi

Materials: steel shell, heavy duty butyl diaphragm

Comments: ASME Construction

Product Number	Connection Size (inch)	Diameter		Height		Volume		Maximum Acceptance Volume		Weight	
		inch	mm	inch	mm	gal	L	gal	L	lb	kg
TAXV-015/U	1/2 in.	12 in.	304.8 mm	19 1/4 in.	489 mm	7.8 gal	29.6 L	2.5 gal	9.5 L	48 lb	21.8 kg
TAXV-020/U	1/2 in.	12 in.	304.8 mm	26 in.	660 mm	10.9 gal	40.2 L	2.5 gal	9.5 L	61 lb	27.7 kg
TAXV-040/U	1/2 in.	16 1/4 in.	412.7 mm	29 1/2 in.	749 mm	21.7 gal	82.2 L	11.3 gal	42.8 L	116 b	52.7 kg
TAXV-060/U	1/2 in.	16 1/4 in.	412.7 mm	45 1/8 in.	1146 mm	33.6 gal	127.3 L	11.3 gal	42.8 L	145 b	65.9 kg
TAXV-080/U	1/2 in.	16 1/4 in.	412.7 mm	56 in.	1422 mm	44.4 gal	168.3 L	22.6 gal	85.6 L	70 lb	89.1 kg
TAXV-100/U	1/2 in.	16 1/4 in.	412.7 mm	68 1/4 in.	1734 mm	55.7 gal	211 L	22.6 gal	85.6 L	231 b	105 kg
TAXV-120/U	1 in.	24 in.	609.6 mm	44 1/4 in.	1124 mm	68 gal	257.7 L	34 gal	128.9 L	233 b	105.9 kg
TAXV-144/U	1 in.	24 in.	609.6 mm	49 1/8 in.	1247.8 mm	77.0 gal	291.8 L	34 gal	128.9 L	256 b	116.4 kg
TAXV-180/U	1 in.	24 in.	609.6 mm	56 1/2 in.	1435 mm	90 gal	341.1 L	34 gal	128.9 L	286 b	130 kg
TAXV-200/U	1 in.	24 in.	609.6 mm	63 in.	1600 mm	110 gal	416.9 L	34 gal	128.9 L	326 b	148.2 kg
TAXV-240/U	1 in.	30 in.	762 mm	49 1/8 in.	1368.4 mm	132.0 gal	500.3 L	46 gal	174.3 L	456 b	207.3 kg
TAXV-260/U	1 in.	30 in.	762 mm	49 1/8 in.	1247.8 mm	158.0 gal	500.3 L	56 gal	174.3 L	435 b	207.3 kg
TAXV-280/U	1 in.	30 in.	762 mm	49 1/8 in.	1247.8 mm	211.0 gal	500.3 L	84 gal	174.3 L	435 b	207.3 kg