



Non-ASME Expansion Tanks

Series HFT pre-charged diaphragm tanks

- Residential and light commercial applications
- Helps prevent excessive pressures in heating systems
- Increases system performance
- Reduces oxygen corrosion
- Prevents waterlogging
- In-line and floor mount installation
- Maximum operating temperature 240°F (115°C)
- Maximum working pressure of 100 PSI (689kPa)



Designed for closed hydronic heating and cooling systems



Bell & Gossett
xylem

Series HFT hydronic heating tanks

Description

The Series HFT tank is designed to absorb the force of thermal expansion of heating water and to maintain proper pressurization in a closed hydronic system. The heavy duty butyl diaphragm separates system water from the air in the tank preventing water logging problems.

Operating data

Maximum working pressure 100 PSI (689kPa)
Maximum operating temperature 240°F (115°C)

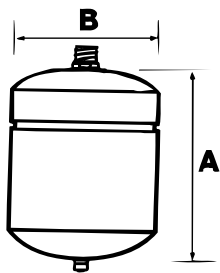
Materials of construction

Shell Carbon Steel
Diaphragm Heavy duty butyl rubber

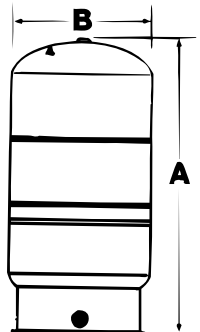
Dimensions: gallons (ltrs), inches (mm), weights: lbs (kg)

Model number	Part number	Volume gallons (liters)		Height A	Diameter B	System connection	Approx. shpg. wt. lbs (kg)
		Tank	Acceptance				
HFT-15	1BN326	2 (7.5)	1.0 (3.7)	12 ⁵ / ₈ (321)	8 (203)	1/2" NPTM (12)	5 (2.3)
HFT-30	1BN327	4.4 (16.6)	2.5 (9.4)	14 (355)	11 (279)		9 (4.1)
HFT-60	1BN328	7.6 (28.7)	2.5 (9.4)	17 ¹ / ₄ (438)	11 (279)		14 (6.4)
HFT-90	1BN329	14 (53)	11.3 (42.8)	21 (533)	15 ³ / ₈ (390)		23 (10.4)
HFT-30V	1BN330	14 (53)	11.3 (42.8)	24 ³ / ₄ (629)	15 ³ / ₈ (390)	1" NPTF (25)	24 (11)
HFT-40V	1BN331	20 (75.7)	11.3 (42.8)	32 ¹ / ₂ (826)	15 ⁵ / ₈ (390)		34 (15.5)
HFT-60V	1BN332	32 (121.1)	11.3 (42.8)	47 ¹ / ₂ (1207)	15 ⁵ / ₈ (390)		52 (23.6)
HFT-90V	1BN333	44 (166.5)	34 (128.7)	36 ¹ / ₂ (927)	22 (559)	1 1/4" NPTF (32)	64 (29)
HFT-110V	1BN334	62 (234.6)	34 (128.7)	48 ¹ / ₂ (1232)	22 (559)		89 (40.5)
HFT-160V	1BN335	86 (325.5)	46 (174.1)	46 (1168)	22 (559)		116 (53)

Dimensions subject to change. Not to be used for construction purposes. Tanks are factory pre-charged at 12 PSI (83kPa)

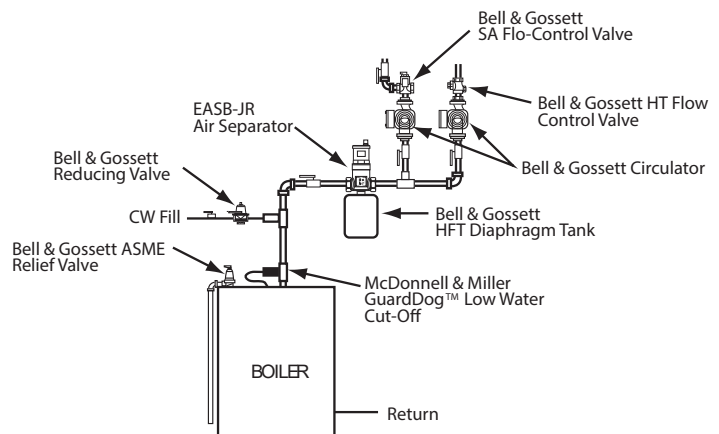


HFT-15 through HFT-90



HFT-30V through HFT-160V

Typical application



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