



Designed for Closed Hydronic Heating and Cooling Systems

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
- Maximum Working Pressure of 100 PSI

Bell & Gossett



ITT Industries
Engineered for life

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 pressure100 PSI (689kPa)
 Maximum operating temperature240°F (115°C)

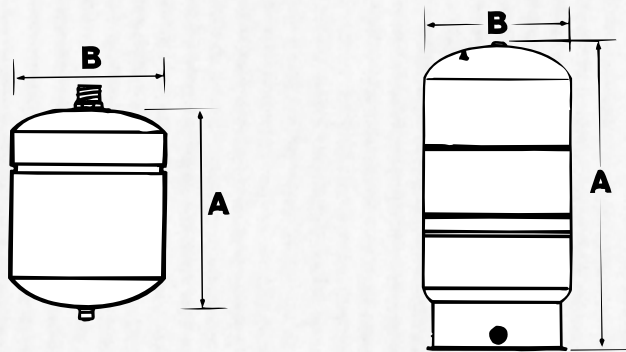
MATERIALS OF CONSTRUCTION

ShellCarbon Steel
 DiaphragmHeavy Duty Butyl Rubber

Dimensions: Gallons (Ltrs.), Inches (mm), Weights: LBS. (KG)

MODEL NUMBER	PART NUMBER	VOLUME GALLONS (Liters)		A HEIGHT	B DIAMETER	SYSTEM CONNECTION	APPROX. SHPG. WT. LBS. (Kg)
		TANK	ACCEPTANCE				
HFT-15	1BN201	2 (7.5)	1.0 (3.7)	12 ⁵ / ₈ (321)	8 (203)	1/2" NPTM	5 (2.3)
HFT-30	1BN202	4.4 (16.6)	2.5 (9.4)	15 ¹ / ₂ (394)	11 (279)		9 (4.1)
HFT-60	1BN203	7.6 (28.7)	2.5 (9.4)	23 (584)	11 (279)		14 (6.4)
HFT-90	1BN204	14 (53)	11.3 (42.8)	21 (533)	15 ³ / ₈ (390)	1" NPTF	23 (10.4)
HFT-30V	1BN205	14 (53)	11.3 (42.8)	24 ³ / ₄ (629)	15 ³ / ₈ (390)		25 (11.3)
HFT-40V	1BN206	20 (75.7)	11.3 (42.8)	32 ¹ / ₂ (826)	15 ⁵ / ₈ (390)		33 (14.9)
HFT-60V	1BN207	32 (121.1)	11.3 (42.8)	47 ¹ / ₂ (1207)	15 ⁵ / ₈ (390)	1 1/4" NPTF	43 (19.5)
HFT-90V	1BN208	44 (166.5)	34 (128.7)	36 (914)	22 (559)		69 (31.2)
HFT-110V	1BN209	62 (234.6)	34 (128.7)	46 ³ / ₄ (1186)	22 (559)		92 (41.7)
HFT-160V	1BN210	86 (325.5)	46 (174.1)	47 ¹ / ₄ (1199)	22 (559)		123 (55.8)

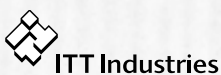
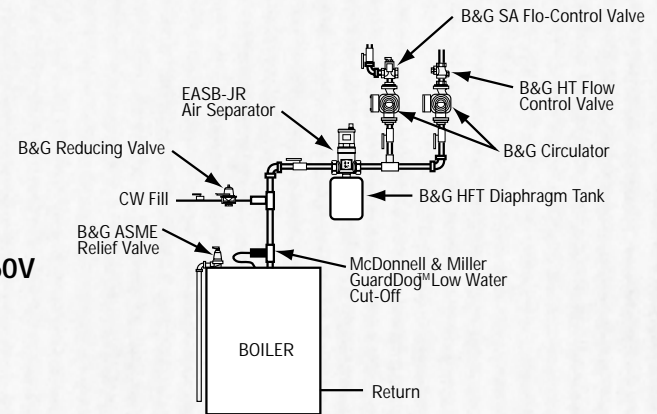
Dimensions subject to change. Not to be used for construction purposes. Tanks are factory pre-charged at 12 PSI (83kPa).



HFT-15 THROUGH HFT-90

HFT-30V THROUGH HFT-160V

TYPICAL APPLICATION



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