

Job	Representative	
Unit tag	Order number	Date
Engineer	Submitted by	Date
Contractor	Approved by	Date



ATFL



ATF

Airtrol® Tank Fittings

Air Control

Airtrol Tank Fittings help establish the proper initial liquid level in the compression tank when filling the hydronic system. They help maintain proper system pressurization by directing released air to the compression tank during system operation and permit cooler liquid flow to the boiler during the off cycle as system liquid cools. Airtrol Tank Fittings must be used with the appropriately sized in-line Airtrol or Rolairtrol air separator.

Construction materials

Body: Cast iron

Tubes: Copper and copper plated

Vent tube fitting: Brass

Ball check: ATFL (only), stainless steel

Performance characteristics

Maximum working pressure:

All tank fittings: 175 psig (1206 kPa)

ATFL Drain-O-Tank valve: 125 psig (862 kPa)

Maximum operating temperature:

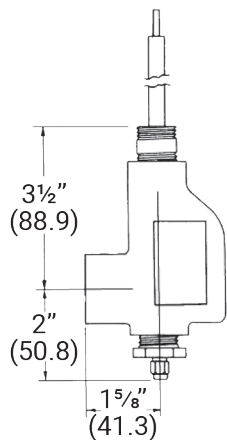
All Fittings: 250°F (121°C)

Schedule

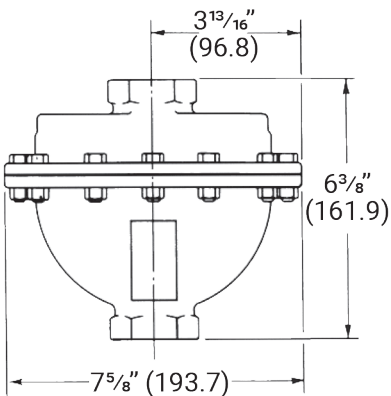
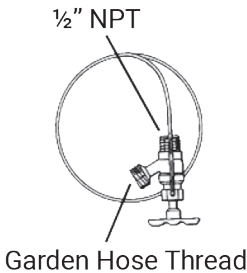
Model number	Part number	Compression tank diameter inches (mm)	Tagging information	Quantity
ATF-9	112008	9 (228.6)		
ATF-12	112010	12 (304.8), 13 (330.2) or 14 (355.6)		
ATF-16	112011	16 (406.4) to 18 (457.2)		
ATF-20	112026	20 (508) to 22 (558.8)		
ATF-24	112013	24 (609.6)		
ATFL	112014	100 gallons (378.5 liters) or larger		

Airtrol tank

Dimensions and weights - inches (mm)



ATF



ATFL

Model number	Connections (NPT)		Approximate shipping weight - lbs (kg)
	Tank	Boiler	
ATF-9	1/2" M	3/4" F	2 1/4 (1.0)
ATF-12	1/2" M	3/4" F	2 1/2 (1.1)
ATF-16	1/2" M	3/4" F	2 3/4 (1.2)
ATF-20	1/2" M	3/4" F	2 3/4 (1.2)
ATF-24	1/2" M	3/4" F	2 3/4 (1.2)
ATFL	1" F	1" F	14 (6.4)

Typical specification

Furnish and install a compression tank fitting as shown on plans. It must contain an air separating trap and liquid control baffle to assure unrestricted air flow to the tank and air-free liquid flow from the tank. It must include a manual vent for adjustment of air volume in the tank. Cast iron _____psi (_____kPa) working pressure.

All units shall be Bell & Gossett Model No. _____ Airtrol Tank Fitting.

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