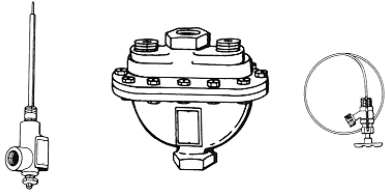


| | | |
|--------------------|------------------------|--------------|
| JOB: | REPRESENTATIVE: | |
| UNIT TAG: | ORDER NO.: | DATE: |
| ENGINEER: | SUBMITTED BY: | DATE: |
| CONTRACTOR: | APPROVED BY: | DATE: |



Airtrol[®] Tank Fittings

Air Control

TANK FITTINGS DESCRIPTION

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

Body: Cast Iron
 Tubes: Copper and Copper Plated
 Vent Tube Fitting: Brass
 Ball Check: ATFL (only), Stainless Steel

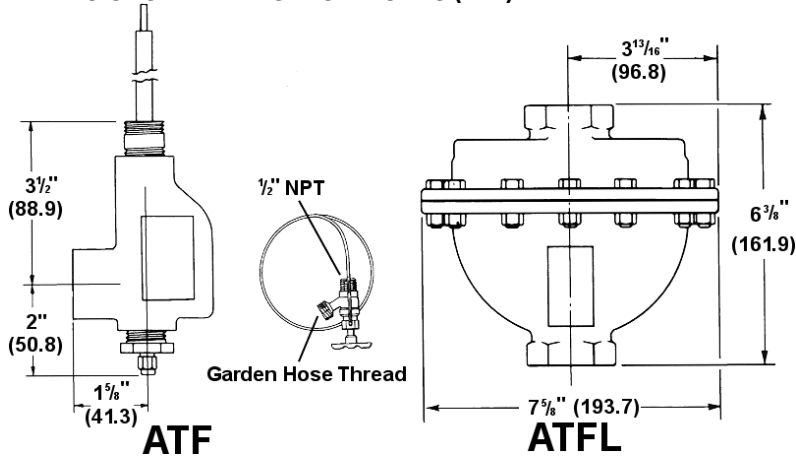
PERFORMANCE CHARACTERISTICS

Max Working Pressure -
 All Tank Fittings: 175 psig (1206 kPa)
 ATFL Drain-O-Tank Valve: 125 psig (862 kPa)
 Max Operating Temperature -
 All Fittings: 250°F (121°C)

SCHEDULE
Tank Fittings

| 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 | | |

DIMENSIONS AND WEIGHTS - INCHES (mm)



Tank Fittings

| MODEL NUMBER | CONNECTIONS (NPT) | | APPROX. SHIP. WT. Each 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 - TANK FITTINGS

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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