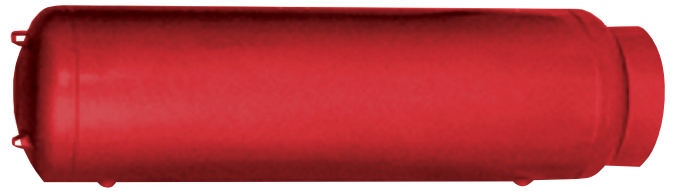


- Absorbs the expansion forces of system water and provides proper pressurization under varying operating conditions
- Meets ASME Section VIII, Division 1 Standards
- Tanks Sizes: 15-505 gallons
- Standard Working Pressures:
 - 150 PSI for 15-100 gallon tanks
 - 125 PSI for 120-505 gallon tanks
- Higher Pressure Vessels Available (up to 250 PSI)
- High Maximum Design Temperature 450°F
- Gauge Glass Tappings are Standard



Designed for Closed Hydronic Heating and Cooling Systems

ASME Compression Tanks

PLAIN STEEL COMPRESSION TANKS



Plain Steel ASME Compression Tanks

DESCRIPTION

The plain steel compression tank absorbs the expansion forces of the system water and provides proper pressurization under varying operating conditions. When used with Airtrol® Fittings, it provides positive air control.

CONSTRUCTION

These tanks are constructed of carbon steel in accordance with Section VIII, Division 1 of the ASME Boiler and Pressure Vessel Code - and so stamped.

PERFORMANCE LIMITATIONS

Maximum Design Pressure:

Model 15 through 100150 PSIG (1034kPa)

Model 120 through 505125 PSIG (862kPa)

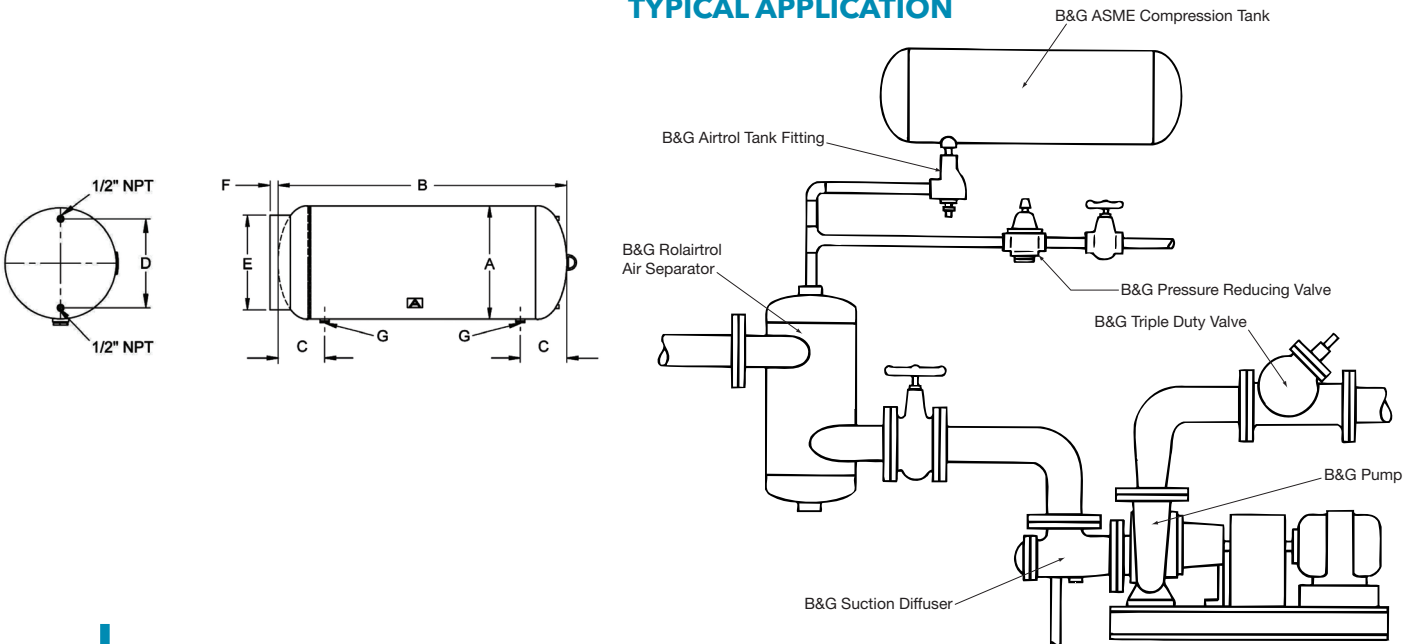
Maximum Design Temperature:

All Models 450°F (232°C)

Dimensions: Gallons, Inches, Weights: LBS

Part Number	Volume (Gallons)	Required AirTrol Fitting	A Diameter	B Length	C	D	E	F	G	Approx. Shpg. Wt.
116661	15	AFT-12	12	33	7	8	11 1/2	7/8	1	44
116662	24	AFT-12	12	51	7	8	11 1/2	7/8	1	62
116663	30	AFT-12	14	48	10	10	11 1/2	1 1/8	1	72
116664	40	AFT-12	14	63	10	10	11 1/2	1 1/8	1	92
116665	60	AFT-16	16	72	10	12	11 1/2	1 1/8	1	120
116666	80	AFT-20	20	62	10	16	18	1 1/2	1	136
116667	100	AFT-20 or AFTL	20	78	10	16	18	1 1/2	1	168
116668	120	AFT-24 or AFTL	24	65	11 1/8	20	18	1 1/2	1	218
116669	135	AFT-24 or AFTL	24	72	11 1/8	20	18	1 1/2	1	238
116670	175	AFTL	30	62	13 1/2	22	24	2	1 1/2	338
116671	220	AFTL	30	77	13 1/2	22	24	2	1 1/2	368
116672	240	AFTL	30	84	13 1/2	22	24	2	1 1/2	394
116673	305	AFTL	30	105 3/4	13 1/2	22	24	2	1 1/2	486
116674	400	AFTL	36	92 1/2	14 3/4	28	30	2 1/2	1 1/2	645
116675	505	AFTL	36	120	14 3/4	28	N/A	N/A	1 1/2	810

TYPICAL APPLICATION



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