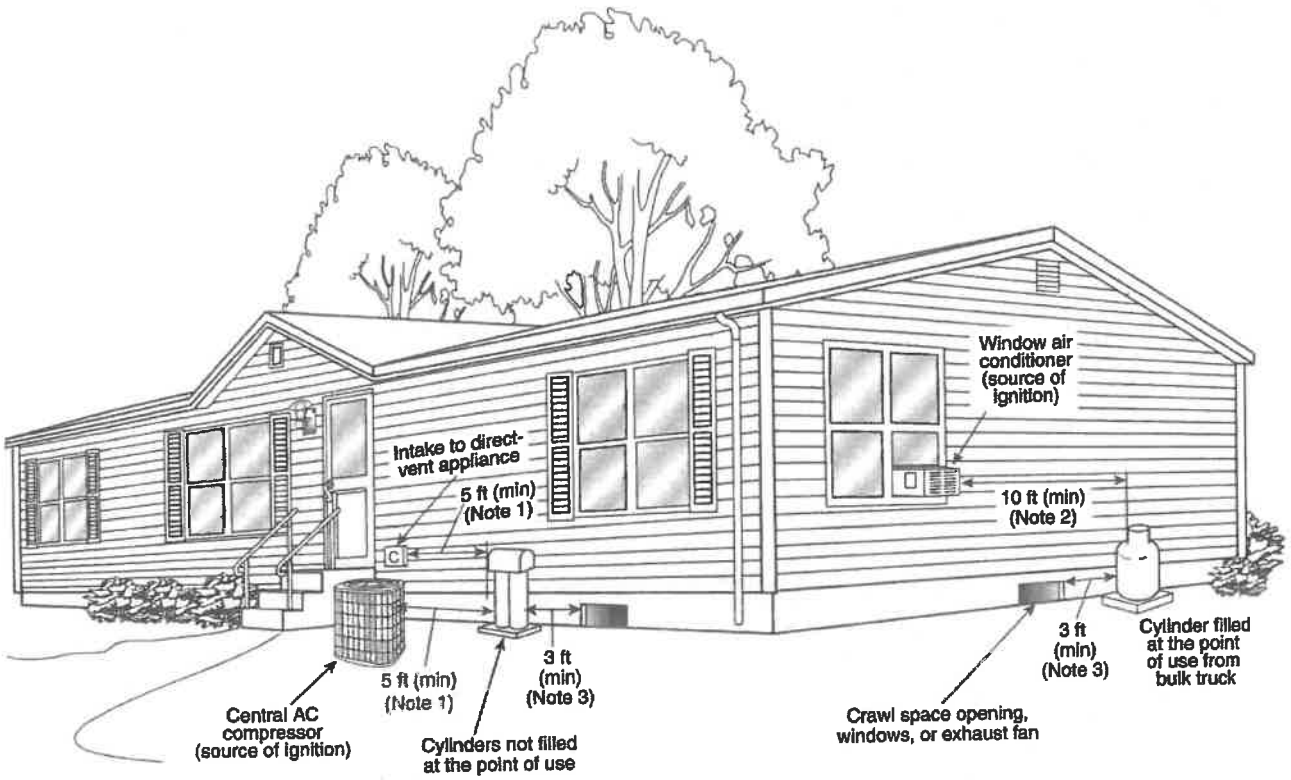


For SI units, 1 ft = 0.3048 m.

Notes:
(1) 5 ft minimum from relief valve in any direction away from any exterior source of ignition, openings into direct-vent appliances, or mechanical ventilation air intakes. Refer to Table 6.4.4.3.
(2) If the cylinder is filled at the point of use from a cargo tank motor vehicle, the filling connection and vent valve must be at least 10 ft from any exterior source of ignition, openings into direct-vent appliances, or mechanical ventilation air intakes. Refer to 6.4.4.3.
(3) Refer to 6.4.4.3.

FIGURE I.1(a) Cylinders. ***(Figure for illustrative purposes only; code compliance required.)***

ARCOSA
TANK

Vertical A.S.M.E. Tanks

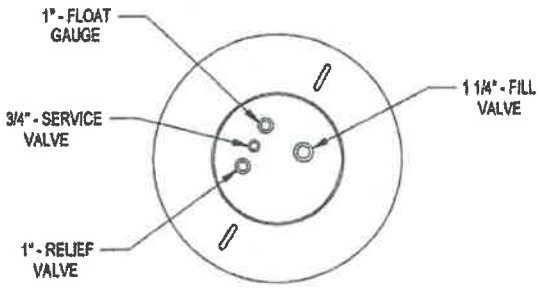
GENERAL SPECIFICATIONS

Conforms to the latest edition of the ASME code for Pressure Vessels, Section VIII, Division 1. Complies with NFPA 58.

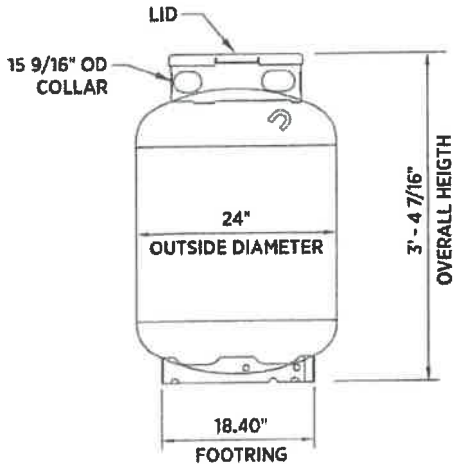
Rated at 250 psig MAWP from -20° F. to 125° F. All tanks may be evacuated to a full (14.7 psi) vacuum.

Vessels are pre-purge with vacuum and conforms with National Propane Gas Association #133-89(a) Alternative Purge Process.

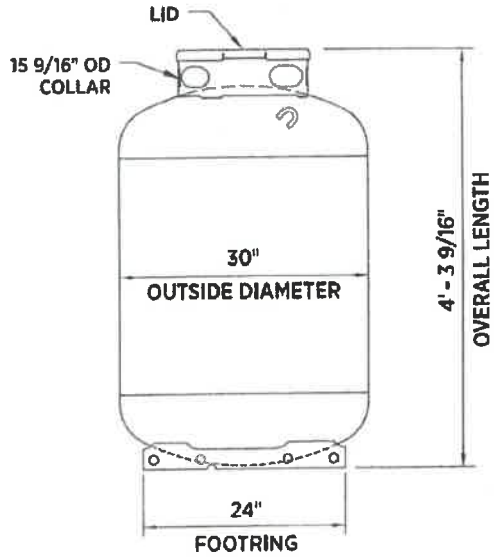
Vessel Finish: Coated with ArcClad, zinc rich epoxy primer and super durable TGIC polyester topcoat.



FITTINGS LAYOUT



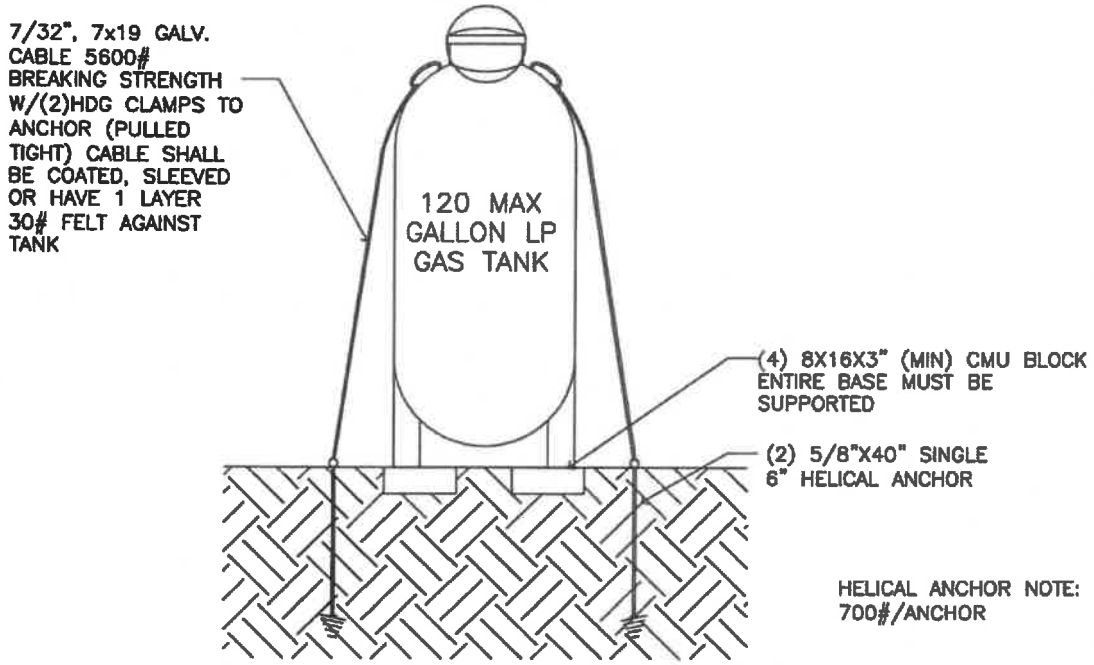
24" OD (57 WG)
Est. weight: 269 lbs
Quantity in Full Load: 208



30" OD (119 WG)
Est. weight: 320 lbs.
Quantity in Full Load: 99

Rev: December 14, 2018

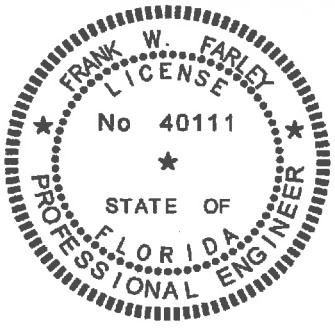
For more information
888.558.8265



120 GALLON ABOVEGROUND VERTICAL TANK

GENERAL NOTES:

1. HELICAL ANCHORS SHALL HAVE AN ALLOWABLE PULL-OUT CAPACITY OF 700#. ANCHORS SHALL BE INSTALLED PER ANCHOR MANUFACTURER TO ACHIEVE STATED LOAD CAPACITY. CAPACITY VARIES WITH SOIL TYPE. VERIFY ANCHOR CAPACITY WITH SOIL TYPE ENCOUNTERED.
2. CHECK FOR UNDERGROUND UTILITIES PRIOR TO ANCHOR INSTALLATION
3. LOCATION OF TANK RELATIVE TO ADJACENT STRUCTURES AND FEATURES IS DEPENDENT UPON LOCAL CODES AND IS THE RESPONSIBILITY OF OTHERS.
4. THE TANK AS SHOWN HAS BEEN DESIGNED TO PREVENT FLOTATION, COLLAPSE, OR LATERAL MOVEMENT DURING THE BASE FLOOD EVENT.
5. WIND LOAD DESIGN CRITERIA
   160 MPH; EXPOSURE "D"; GCpi N/A; Cf = 0.6
6. DO NOT INSTALL TANK IN "VE" FLOOD ZONE



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY FRANK W. FARLEY, PE ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

COMO OIL AND PROPANE

FARLEY ENGINEERING LLC
Consulting Engineer PE 40111 – CA28108
8800 N. U.S. #1, Suite #2 , Sebastian, Florida 32958
(772) 589.6229 (772) 589.2296 fax

Table 17.1(l) Polyethylene Plastic Pipe — IPS

					Gas:	Undiluted Propane
					Inlet Pressure:	10.0 psig
					Pressure Drop:	1.0 psig
					Specific Gravity:	1.52
Plastic Pipe Length (ft)	½ in. SDR 9.33 (0.660)	¾ in. SDR 11 (0.860)	1 in. SDR 11 (1.007)	1¼ in. SDR 11 (1.328)	1½ in. SDR 11 (1.554)	2 in. SDR 11 (1.943)
INTENDED USE: Sizing Between First-Stage Pressure Regulator and Second-Stage (Low-Pressure) Regulator						
30	2,140	4,290	7,740	13,420	20,300	36,400
40	1,840	3,670	6,630	11,480	17,300	31,200
50	1,630	3,260	5,870	10,180	15,400	27,600
60	1,470	2,950	5,320	9,220	13,900	25,000
70	1,360	2,710	4,900	8,480	12,800	23,000
80	1,260	2,530	4,560	7,890	11,900	21,400
90	1,180	2,370	4,270	7,400	11,200	20,100
100	1,120	2,240	4,040	6,990	10,600	19,000
125	990	1,980	3,580	6,200	9,360	16,800
150	897	1,800	3,240	5,620	8,480	15,200
175	826	1,650	2,980	5,170	7,800	14,000
200	778	1,540	2,780	4,810	7,260	13,000
225	721	1,440	2,600	4,510	6,810	12,200
250	681	1,360	2,460	4,260	6,430	11,600
275	646	1,290	2,340	4,050	6,110	11,000
300	617	1,240	2,230	3,860	5,830	10,470
350	567	1,140	2,050	3,550	5,360	9,640
400	528	1,060	1,910	3,300	4,990	8,970
450	495	992	1,790	3,100	4,680	8,410
500	468	937	1,690	2,930	4,420	7,950
600	424	849	1,530	2,650	4,010	7,200
700	390	781	1,410	2,440	3,690	6,620
800	363	726	1,310	2,270	3,430	6,160
900	340	682	1,230	2,130	3,220	5,780
1000	322	644	1,160	2,010	3,040	5,460
1500	258	517	933	1,620	2,440	4,390
2000	221	443	798	1,380	2,090	3,750

IPS: Iron pipe size. SDR: Standard dimension ratio.

Notes:

(1) Capacities are in 1000 Btu/hr.

(2) Dimensions in parentheses are inside diameter.

Lakefront Estates
28020 SR 78
Okeechobee, Fl. 34974

