

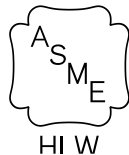
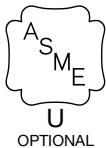


UGV COMMERCIAL STORAGE TANKS

UGV - 20-120 thru 72-4000

Heavy-duty large volume storage tanks. Model UGV custom built. Large volume tanks are designed for storing potable water.

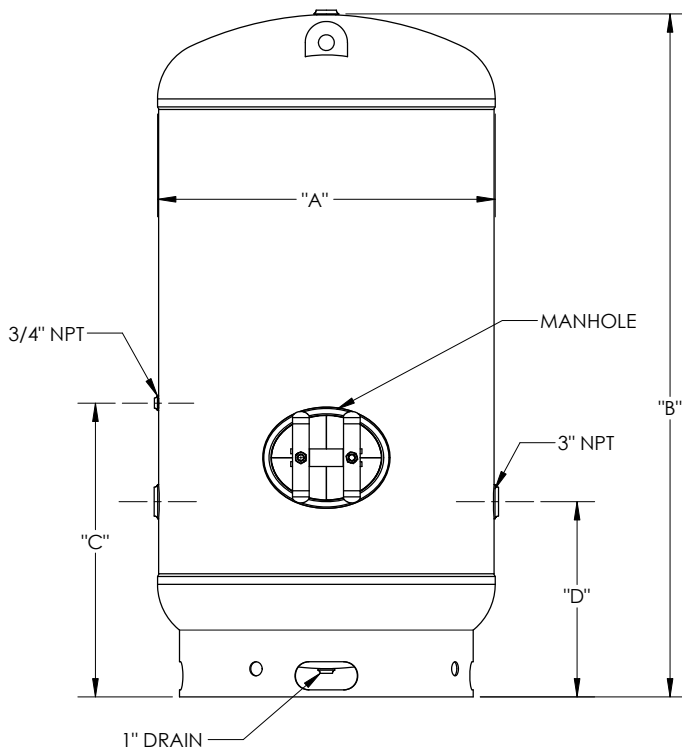
- Sizes from 120 to 4,000 gallons. All tanks are constructed to the requirements of the ASME Code. These ASME Code tanks are available at 125 & 150 PSI working pressure. Consult factory for tanks with special configurations.
- Lining & coatings. Each lining and coating has particular capabilities and limitations. Thorough investigation on the service life of steel tanks with protective coatings or linings has led to the recommendation of the following linings:
 - Glass Lined — All internal surfaces exposed to water are glass lined per ASME HLW Code procedures.
 - Cement Lined — Cement lining consists of a specially formulated cement applied over the interior of the vessel. Cement lined tanks are recommended when storing water at 180°F or higher.
 - Epoxy Lined — The application of specially formulated epoxy makes this lining suitable for cold or hot water storage.
 - Please consult the factory for recommendations on the uses of linings for specific applications. All tanks receive one prime coat of paint on external surface. Contact your local State representative for severe or unusual applications that may require other materials.
- Glass lined and epoxy tanks are furnished with anodes designed for maximum protection.
- Custom tank openings. All tanks will be supplied with the fittings located as indicated on the drawings unless specified otherwise. Custom tank opening sizes and locations can be provided as per your specification.
- Inspection openings
 - 12"x16" manhole or 4"x 6" handhole are available as options on diameters 36" and below.
 - 2 each 2" ASME inspection openings are standard on tanks 36" diameter and below.
 - 12"x16" ASME inspection openings are standard on tanks with 42" diameters and above.
- Tank options:
 - Manholes / Handholes
 - Additional / Custom Tank Openings
 - Lifting Lugs
 - Angle Legs
 - Ring Base
 - Horizontal Tank Saddles
 - Factory Jacketing and Insulation
 - Tube bundles
 - Cement and Epoxy Linings



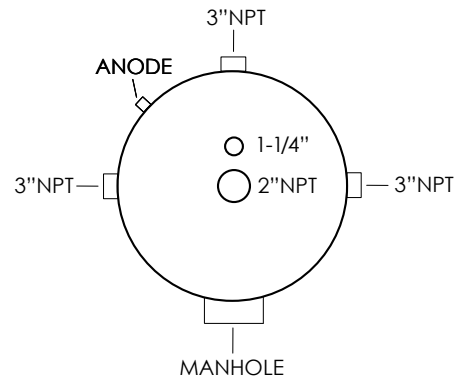
SAMPLE SPECIFICATION

ASME storage tank to be State Custom-Line model _____. Capacity to be _____ gallons with a diameter of _____ inches. Tank(s) shall be constructed and stamped according to ASME specifications for _____ psi working pressure. Manhole (12"x16"), handhole (4x6) or inspection openings (2-2") shall be installed in accordance with ASME code requirements and manufacturer(s) standard practice. Tank to be constructed of carbon steel _____. Lining shall be (glass, epoxy, cement) _____. Tank(s) lined with (glass, cement, epoxy) _____ lining shall be equipped with the number and size of anode rod(s) sufficient to provide adequate protection for the tank lining. Tank shall be (vertical, horizontal) _____ design and provided with (four) _____ ring base, _____ saddles.

Model number	Gallons	Dimensions			Shipping weight (lbs.)		
		Diameter	Vertical Height	Horizontal Length	125 psi	150 psi	Cement lined
UGV24-0120-*A125	118	24"	64"	60"	368	368	-
UGV24-0140-*A125	141	24"	76"	72"	428	428	-
UGV24-0200-*A125	188	24"	100"	96"	556	556	-
UGV24-0250-*A125	235	24"	124"	120"	684	684	-
UGV28-0175-*A125	175	28"	65"	-	353	353	-
UGV28-0200-*A125	200	28"	76"	-	488	488	-
UGV30-00150-*A125	147	30"	52"	48"	400	400	695
UGV30-0185-*A125	184	30"	64"	60"	468	468	812
UGV30-0220-*A125	220	30"	76"	72"	548	548	958
UGV30-0250-*A125	257	30"	87"	83"	628	628	1,103
UGV30-0300-*A125	294	30"	100"	96"	701	701	1,242
UGV30-0375-*A125	367	30"	124"	120"	868	868	1,540
UGV36-0275-*A125	265	36"	64"	60"	577	577	995
UGV36-00325-*A125	318	36"	76"	72"	673	673	1,173
UGV36-0400-*A125	370	36"	87"	83"	770	770	1,343
UGV36-00425-*A125	423	36"	100"	96"	866	866	1,513
UGV36-0500-*A125	528	36"	124"	120"	1,058	1,058	1,861
UGV42-0450-*A125	432	42"	76"	72"	795	909	1,385
UGV42-0500-*A125	504	42"	88"	84"	908	1,050	1,587
UGV42-0600-*A125	576	42"	100"	96"	1,020	1,190	1,790
UGV42-0750-*A125	720	42"	124"	120"	1,245	1,470	2,195
UGV42-0900-*A125	864	42"	148"	144"	1,470	1,751	2,601
UGV42-1000-*A125	1,008	42"	172"	172"	1,695	1,695	3,006
UGV48-0700-*A125	658	48"	88"	84"	1,346	1,346	2,124
UGV48-0750-*A125	752	48"	100"	96"	1,507	1,507	2,392
UGV48-0950-*A125	940	48"	124"	120"	1,828	1,828	2,918
UGV48-1150-*A125	1,128	48"	148"	144"	2,150	2,150	3,444
UGV48-1300-*A125	1,315	48"	172"	172"	2,471	2,471	3,970
UGV54-1000-*A125	951	54"	100"	96"	1,721	1,972	2,729
UGV54-1200-*A125	1,189	54"	124"	120"	2,083	2,083	3,320
UGV54-1450-*A125	1,427	54"	148"	144"	2,451	2,451	3,919
UGV54-1700-*A125	1,665	54"	172"	168"	2,807	2,807	4,511
UGV54-1900-*A125	1,903	54"	196"	192"	3,168	3,168	5,102
UGV54-02150-*A125	2,141	54"	220"	216"	3,530	3,530	5,701
UGV60-1500-*A125	1,469	60"	124"	120"	2,784	2,784	4,177
UGV60-1750-*A125	1,763	60"	148"	144"	3,267	3,267	4,913
UGV60-2000-*A125	2,056	60"	172"	168"	3,749	3,749	5,658
UGV60-2400-*A125	2,350	60"	196"	192"	4,231	4,231	6,394
UGV60-2650-*A125	2,644	60"	220"	216"	4,713	4,713	7,130
UGV72-2100-*A125	2,115	72"	124"	120"	3,416	3,416	5,104
UGV72-2500-*A125	2,538	72"	148"	144"	3,995	3,995	5,995
UGV72-3000-*A125	2,961	72"	172"	168"	4,575	4,575	6,885
UGV72-3400-*A125	3,384	72"	196"	192"	5,154	5,154	7,767
UGV72-4000-*A125	3,807	72"	220"	216"	5,733	5,733	8,658

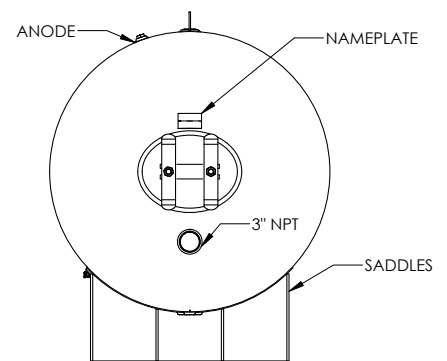
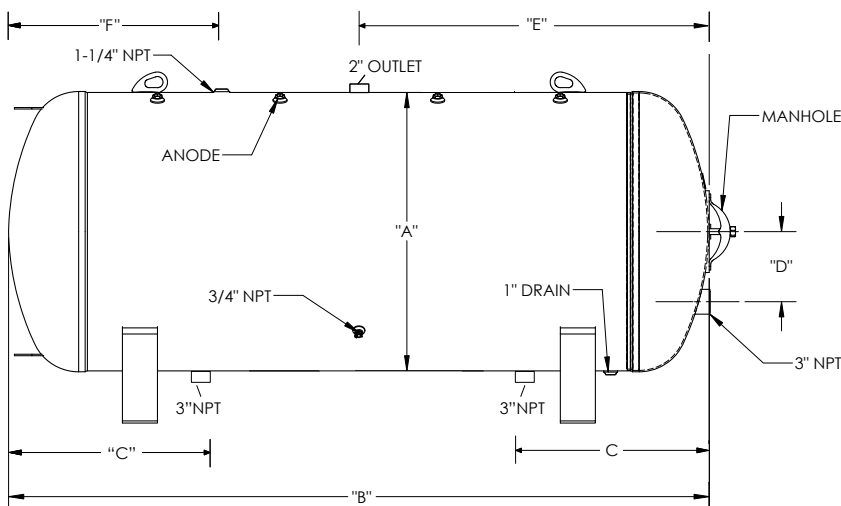


Diameter	C	D
24	16.75	11
28	17.375	11.62
30	31.875	15.875
36	33.375	17.375
42	34.875	18.875
48	36.875	20.875
54*	38.375	22.375
60	39.875	24.5
72	42.375	27

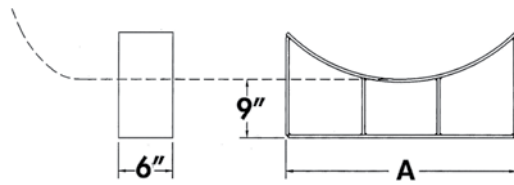


NOTE:
 Specify for horizontal or vertical installation.
 2 each 2" ASME inspection openings are standard on tanks 36" diameter and below.
 12"x16" ASME inspection openings are standard on tanks with 42" diameters and above.

Diameter	C	D
24	24.625	6
30	26.5	6
36	28	12
42	29.5	12
48	31.5	12
54	33	12
60	34.5	12
72	37	12



Tank diameter	A
30	21"
36	25"
42	29"
48	34"
54	48"
60	52"
72	62"



NOTE: Alternate saddle heights are available. (Consult factory)

Description	Art. No.
Saddle,tank,24",9"CLR,P-1	100170345
Saddle,tank,30",9"CLR,P-1	100170349
Saddle,tank,28",9"CLR,P-1	100170338
Saddle,tank,36",9"CLR,P-1	100170352
Saddle,tank,42",9"CLR,P-1	100170355
Saddle,tank,48",9"CLR,P-1	100170358
Saddle,tank,54",9"CLR,P-1	100170361
Saddle,tank,60",9"CLR,P-1	100170365
Saddle,tank,72",9"CLR,P-1	100170371

Factory insulation options

Factory jacketed and insulation

- Insulation: Entire tank is surrounded with insulation
- Cabinet: Heavy gauge painted steel
- Adds 4" to the round jacketed and 6" to the square jacketed diameter of the tank



Outdoor foam insulation

- Insulation: Entire tank is sprayed with minimum of 2" high-density polyurethane foam insulation that forms a watertight jacket that is approved for outdoor use.
- Adds 6" to the diameter of the tank

NOTE: Minimum foam insulation thickness is 2" ; however, since tank is hand sprayed, insulation thicknesses may be greater in some areas giving the finished tank an uneven but watertight surface.