



DESIGN DATA :

Design Pressure (psi)	=	250
Design Temperature (deg.F)	=	125
Corrosion Allowance (in)	=	0
Radiography	=	RT-4
Hydrotest Pressure(psi)	=	325

ESTIMATED WEIGHTS :

Approx. shipping weight = SEE TABLE

Weight of Saddle (pair) - (Saddles are optional)

12,000 wgc. x 84" OD	729 lbs.
18,000 wgc. x 108" ID	1,316 lbs.
30,000 wgc. x 108" ID	1,411 lbs.
30,000 wgc. x 130" ID	2,060 lbs.
60,000 wgc. x 130" ID	3,266 lbs.
90,000 wgc. x 130" ID	4,487 lbs.

16" ID Manway w/ Blind (Optional) 125 lbs.

Tank is designed and fabricated in accordance with the latest edition and addenda of the ASME Code Section VIII Division 1. And also per pamphlet NFPA-58.

Water Gallon Capacity

Mk. No.	Service	Size	Type/ Flange	Customer Preferred Openings	Water Gallon Capacity					
					-18° F.	+2° F.	+2° F.	+11° F.	+11° F.	+11° F.
					84" OD	108" ID	108" ID	130" ID	130" ID	130" ID
C1	Vapor w/Stand Pipe	2"-3000#	NPT-Half Cplg		√	√	√	√	√	√
C2	Liquid	2"-3000#	NPT-Full Cplg		√	√	√	√	√	√
C3	Liquid	3"-3000#	NPT-Half Cplg		√	√	√	√	√	√
C4	Thermowell-1/2"x6"	1/2"-3000#	NPT-Full Cplg		√	√	√	√	√	√
C5	Float/Rotary Gauge	2.5"-3000#	NPT-Half Cplg		√	√	√	√	√	√
C6	Combo Valve Out/Pressure	3/4"-6000#	NPT-Full Cplg		√	√	√	√	√	√
C7	Inspection	1"-3000#	NPT-Half Cplg		√	√	√	√	√	√
C8	Relief Valve	2"-3000#	NPT-Half Cplg		√	√	√	√	√	√
C9	Relief Valve	2"-3000#	NPT-Half Cplg		√	√	√	√	√	√
C10	Relief Valve	2"-3000#	NPT-Half Cplg			√	√	√	√	√
C11	Relief Valve	2"-3000#	NPT-Half Cplg					√	√	√
C12	Relief Valve	2"-3000#	NPT-Half Cplg					√	√	√
C13	Relief Valve	2"-3000#	NPT-Half Cplg						√	√
C14	Relief Valve	2"-3000#	NPT-Half Cplg							√
Approx. shipping wt. w/saddles					22,004#	29,579#	50,030#	50,152#	99,221#	149,974#
OAL					45ft.-2in.	41ft.-1in.	66ft.-4in.	47ft.-5in.	90ft.-11in.	134ft.-5in.
W x H (ft.)					7.60x7.0	9.65x9.07	9.65x9.07	10.96x11.63	10.96x11.63	10.96x11.63

← MDMT

MATERIALS	Thickness
Shell Section(s):SA-612 (84" OD)	0.500" nom.
Shell Section(s):SA-612 (108" ID)	0.595" nom.
Shell Section(s):SA-612 (130" ID)	0.750" nom.
Hemi-Head (s) : SA-612(84" OD)	0.310" min.
Hemi-Head (s) : SA-612(108" ID)	0.340" min.
Hemi-Head (s) : SA-612(130" ID)	0.410" min.
Openings : SA-105	

Notes:
Finish : Wire brush or Shotblast- (1)-coat of shop primer

SEAM to SEAM Dimensions:

12K wgc x 84" OD	458"
18K wgc x 108" ID	384"
30K wgc x 108" ID	687"
30K wgc x 130" ID	438.5"
60K wgc x 130" ID	960.5"
90K wgc x 130" ID	1,482.5"