

Submittal Data Information

“MPT” Option G Grooved Vertical Multi-Purpose Tanks With 2 Internal Pall Ring Packs

401-214

SUPERSEDES: June 1, 2016

EFFECTIVE: June 16, 2016

Job: _____

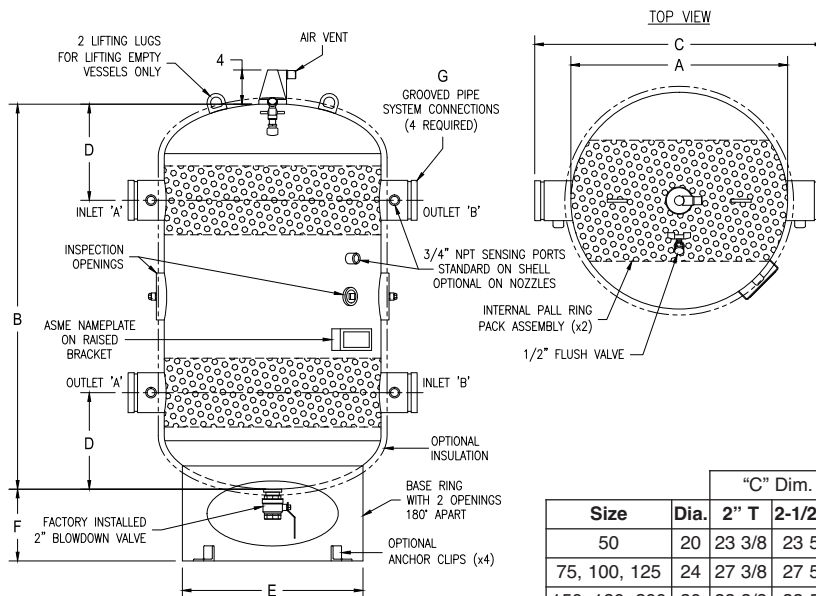
ITEM	LOCATION	MODEL	QUANTITY	GALLONS
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SPECIFICATIONS

- Designed and constructed per ASME Code Section VIII, Division 1.
- Construction: Carbon Steel with exterior red oxide primer finish
- Standard Design Pressure and Temperature: 125 psi @ 240°F
- Flanged inlet and outlet System Connections (standard sizes shown)
- Registered with the National Board of Pressure Vessel Manufacturers
- Integral Air Vent (Suitable for water, max. 50% glycol)
- Factory installed 2" Blow Down Valve
- Brass Flushing Cock
- 304 stainless steel coalescence pall rings
- U-1A Data Report
- (1) 2" NPT Inspection Opening – MPT0050 thru MPT0350
- (2) 4"X6" Inspection Handholes – MPT0400 thru MPT1050
- (1) 3/4" Temperature/ Pressure port on shell

OPTIONS (Consult Factory)

- Optional materials of construction
- Higher design pressures and temperatures
- Optional System Connection sizes available
- Thermal insulation
 - ☐ None
 - ☐ Chilled Water 1/2" Armaflex
 - ☐ Heating Water 1" Silicon Blanket
 - ☐ Other _____
- Optional Connection Types
 - ☐ 'T' Female NPT Threaded 2" & 2 1/2" only
Available only on sizes, MPT0050 thru MPT0350
- 3/4" NPT Temperature/Pressure Ports
 - ☐ (5) 3/4" Temperature/ Pressure ports:
One port on shell and on each nozzle
- ☐ Optional Anchor Clips
- ☐ 150 PSI Working Pressure



		"C" Dim.	
Size	Dia.	2" T	2-1/2" T
50	20	23 3/8	23 5/8
75, 100, 125	24	27 3/8	27 5/8
150, 180, 200	30	33 3/8	33 5/8
250, 300, 350	36	39 3/8	39 5/8

*Complete Model Number as shown below: MPT0050G04-125N1GN		SIZES & DIMENSIONS						NOZZLE SIZES OFFERED Circle desired size below.		  	
MODEL NUMBER	TANK VOLUME	A DIAMETER	B	C**	D	E DIAMETER	F	G	APPROX. WEIGHT		
	GAL.	INCH	INCH	INCH	INCH	INCH	INCH	SIZE	LBS.		
MPT0050G_-125N1GN	50	20	43	30	11½	18	12⅞	2, 3, 4	360		
MPT0075G_-125N1GN	75	24	46	34	12⅝	20	12⅞	2, 3, 4	440		
MPT0100G_-125N1GN	100	24	61	34	12⅝	20	12⅞	2, 3, 4	480		
MPT0125G_-125N1GN	125	24	76	34	12⅝	20	12⅞	2, 3, 4	530		
MPT0150G_-125N1GN	150	30	60	40	14¼	24	13½	2, 3, 4	780		
MPT0180G_-125N1GN	180	30	71	40	14¼	24	13½	2, 3, 4	860		
MPT0200G_-125N1GN	200	30	78	40	14¼	24	13½	2, 3, 4	900		
MPT0250G_-125N1GN	250	36	69	46	16¾	30	13½	3, 4, 6	1030		
MPT0300G_-125N1GN	300	36	82	46	16¾	30	13½	3, 4, 6	1140		
MPT0350G_-125N1GN	350	36	94	46	16¾	30	13½	3, 4, 6	1230		
MPT0400G_-125N1GN	400	48	65	58	19⅝	44	12⅞	4, 6, 8	1540		
MPT0450G_-125N1GN	450	48	72	58	19⅝	44	12⅞	4, 6, 8	1610		
MPT0500G_-125N1GN	500	48	79	58	19⅝	44	12⅞	4, 6, 8	1690		
MPT0700G_-125N1GN	700	48	100	58	19⅝	44	12⅞	4, 6, 8	1830		
MPT0850G_-125N1GN	850	54	99	64	23½	50	13⅝	4, 6, 8	2510		
MPT1050G_-125N1GN	1050	60	99	70	25¾	54	14	6, 8, 10	2890		

Nozzle Ports are shown for placement and clarity only.

** Add 2" to "C" dimension when specifying 10" nozzles

