Submittal Data Information

401-205

"MPT" Option D Flanged Vertical Multi-Purpose Tanks with 2 Internal Pall Ring Baskets

SUPERSEDES: June 16, 2016 EFFECTIVE: September 3, 2019

Job: _____

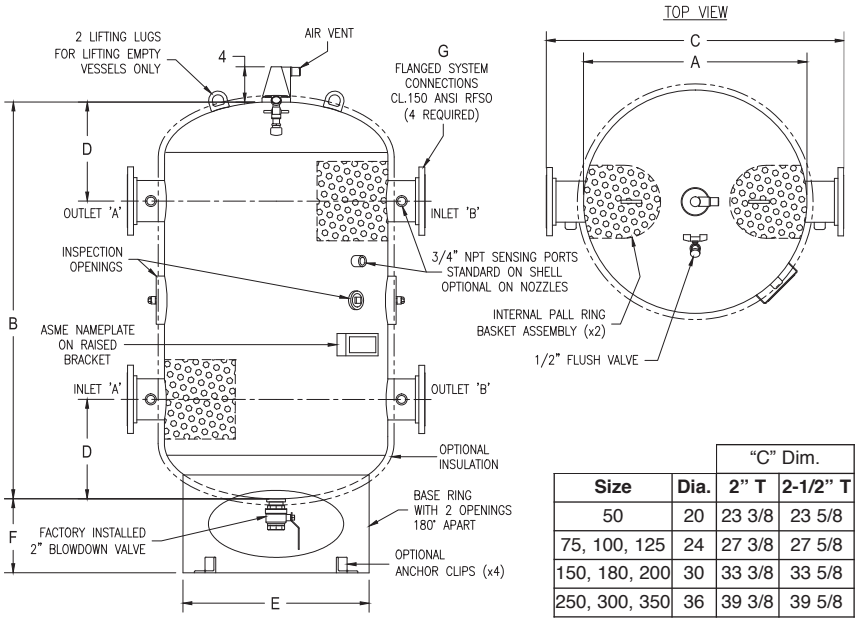
ITEM	LOCATION	MODEL	QUANTITY	GALLONS

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) I
- 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 ½" 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:**
MPT0050F**04**-125N1DN

SIZES & DIMENSIONS

All dimensions shown are subject to change and should not be used for pre-piping.
Contact your local Taco representative should certified dimensional drawings be required.

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.
MPT0050F_-125N1DN	50	20	43	30	11½	18	12⅞	2, 3, 4	310
MPT0075F_-125N1DN	75	24	46	34	12⅝	20	12⅞	2, 3, 4	360
MPT0100F_-125N1DN	100	24	61	34	12⅝	20	12⅞	2, 3, 4	400
MPT0125F_-125N1DN	125	24	76	34	12⅝	20	12⅞	2, 3, 4	450
MPT0150F_-125N1DN	150	30	60	40	14¼	24	13½	2, 3, 4	640
MPT0180F_-125N1DN	180	30	71	40	14¼	24	13½	2, 3, 4	720
MPT0200F_-125N1DN	200	30	78	40	14¼	24	13½	2, 3, 4	760
MPT0250F_-125N1DN	250	36	69	46	16¾	30	13½	3, 4, 6	890
MPT0300F_-125N1DN	300	36	82	46	16¾	30	13½	3, 4, 6	1000
MPT0350F_-125N1DN	350	36	94	46	16¾	30	13½	3, 4, 6	1090
MPT0400F_-125N1DN	400	48	65	58	19⅝	44	12⅞	4, 6, 8	1310
MPT0450F_-125N1DN	450	48	72	58	19⅝	44	12⅞	4, 6, 8	1380
MPT0500F_-125N1DN	500	48	79	58	19⅝	44	12⅞	4, 6, 8	1460
MPT0700F_-125N1DN	700	48	100	58	19⅝	44	12⅞	4, 6, 8	1600
MPT0850F_-125N1DN	850	54	99	64	23½	50	13⅛	4, 6, 8	2190
MPT1050F_-125N1DN	1050	60	99	70	25¾	54	14	6, 8, 10	2500

Nozzle Ports are shown for placement and clarity only.

** Add 2" to "C" dimension when specifying 10" nozzles
** Add 4" to "C" dimension when specifying 1.5" or thicker insulations

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