Submittal Data Information

401-220

"MPT" Option B Flanged Vertical Multi-Purpose Tanks
Corner Model

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

Job: _____

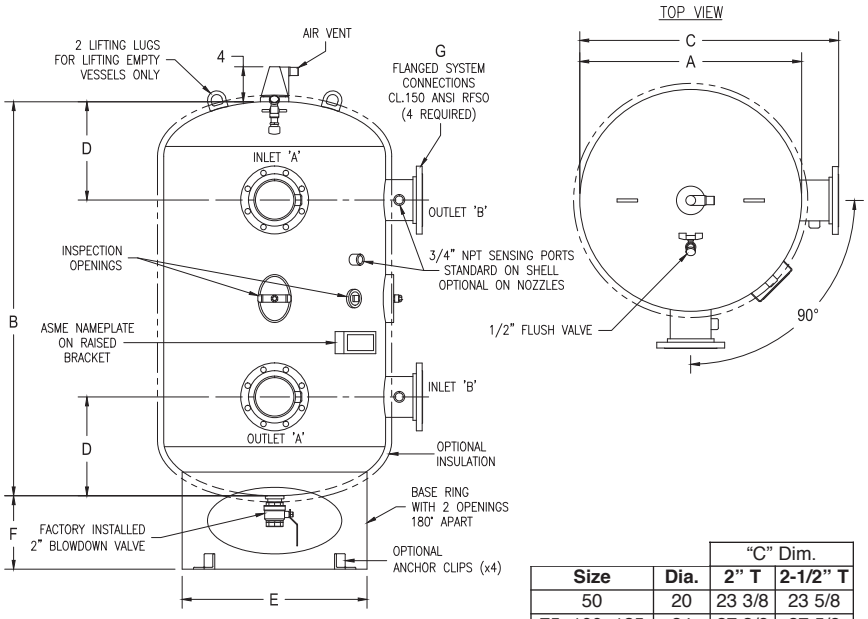
ITEM	LOCATION	MODEL	QUANTITY	GALLONS

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)
- Factory installed 2" Blow Down Valve
- Brass Flushing Cock
- 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



Size	Dia.	"C" Dim. 2" T	"C" Dim. 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**-125N1BN

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_-125N1BN	50	20	43	25	11½	18	12⅞	2, 3, 4	270
MPT0075F_-125N1BN	75	24	46	29	12⅝	20	12⅞	2, 3, 4	320
MPT0100F_-125N1BN	100	24	61	29	12⅝	20	12⅞	2, 3, 4	360
MPT0125F_-125N1BN	125	24	76	29	12⅝	20	12⅞	2, 3, 4	410
MPT0150F_-125N1BN	150	30	60	35	14¼	24	13½	2, 3, 4	600
MPT0180F_-125N1BN	180	30	71	35	14¼	24	13½	2, 3, 4	680
MPT0200F_-125N1BN	200	30	78	35	14¼	24	13½	2, 3, 4	720
MPT0250F_-125N1BN	250	36	69	41	16¾	30	13½	3, 4, 6	830
MPT0300F_-125N1BN	300	36	82	41	16¾	30	13½	3, 4, 6	940
MPT0350F_-125N1BN	350	36	94	41	16¾	30	13½	3, 4, 6	1030
MPT0400F_-125N1BN	400	48	65	53	19⅝	44	12⅞	4, 6, 8	1230
MPT0450F_-125N1BN	450	48	72	53	19⅝	44	12⅞	4, 6, 8	1300
MPT0500F_-125N1BN	500	48	79	53	19⅝	44	12⅞	4, 6, 8	1380
MPT0700F_-125N1BN	700	48	100	53	19⅝	44	12⅞	4, 6, 8	1520
MPT0850F_-125N1BN	850	54	99	59	23½	50	13⅛	4, 6, 8	2110
MPT1050F_-125N1BN	1050	60	99	65	25¾	54	14	6, 8, 10	2370

Nozzle Ports are shown for placement and clarity only.

** Add 1" to "C" dimension when specifying 10" nozzles
** Add 2" to "C" dimension when specifying 1.5" or thicker insulations

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