

"BTL" Flanged Vertical Storage Tanks with Low Connections Submittal Data

Submittal No: 401-189 | Effective: August 30, 2023 | Supersedes: June 1, 2016

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ LOCATION _____

MODEL NO. _____ QUANTITY _____

GALLONS _____

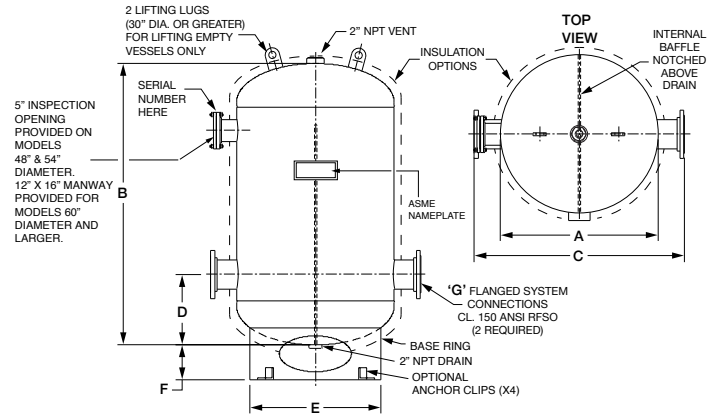
SPECIFICATIONS

- Designed and constructed per ASME Code Section VIII Div. 1
- Construction: Carbon Steel with exterior red oxide primer finish
- Maximum Design Pressure and Temperature: 125 psi @ 375°F
- Flanged inlet and outlet System Connections (standard sizes shown)
- Registered with the National Board of Pressure Vessel Manufacturers



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
- Optional Connection Types
 - "T" Female NPT Threaded 2" & 2 1/2" only Available only on sizes, BTH0050 thru BTH0350
 - 150 PSI Working Pressure
 - Anchor Clips (4)



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

SIZES & DIMENSIONS

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

Nozzle Size offered
circles below
Example: ③

MODEL* NUMBER *Complete Model Number as shown below: BTL0050F-125NN	TANK VOLUME	A DIAMETER	B	C**	D	E DIAMETER	F	G	APPROX. WEIGHT
	GAL.	INCH	INCH	INCH	INCH	INCH	INCH	SIZE	LBS.
BTL0050F-125NN	50	20	43	30	11 1/2	16	6 3/4	2, 3, 4	190
BTL0075F-125NN	75	24	46	34	12 5/8	20	6 3/4	2, 3, 4	240
BTL0100F-125NN	100	24	61	34	12 5/8	20	6 3/4	2, 3, 4	280
BTL0125F-125NN	125	24	76	34	12 5/8	20	6 3/4	2, 3, 4	330
BTL0150F-125NN	150	30	60	40	14 1/4	24	8	2, 3, 4	510
BTL0180F-125NN	180	30	71	40	14 1/4	24	8	2, 3, 4	590
BTL0200F-125NN	200	30	78	40	14 1/4	24	8	2, 3, 4	630
BTL0250F-125NN	250	36	69	46	16 1/4	30	7 7/8	3, 4, 6	710
BTL0300F-125NN	300	36	82	46	16 1/4	30	7 7/8	3, 4, 6	820
BTL0350F-125NN	350	36	94	46	16 1/4	30	7 7/8	3, 4, 6	910
BTL0400F-125NN	400	48	65	58	18 7/8	40	8 5/8	4, 6, 8	1,010
BTL0450F-125NN	450	48	72	58	18 7/8	40	8 5/8	4, 6, 8	1,080
BTL0500F-125NN	500	48	79	58	18 7/8	40	8 5/8	4, 6, 8	1,160
BTL0700F-125NN	700	48	100	58	18 7/8	40	8 5/8	4, 6, 8	1,300
BTL0850F-125NN	850	54	99	64	22 5/8	44	9 3/8	4, 6, 8	1,880
BTL1050F-125NN	1050	60	99	70	24 3/4	50	9 3/4	6, 8, 10	2,130
BTL1250F-125NN	1,250	60	115 7/8	70	25 11/16	50	10	6, 8, 10, 12	2,235
BTL1500F-125NN	1,500	60	137 7/8	70	25 11/16	50	10	6, 8, 10, 12	2,740
BTL1750F-125NN	1,750	72	113 1/4	82	28 3/8	64	14 1/16	6, 8, 10, 12	3,340
BTL2000F-125NN	2,000	72	128 1/4	82	28 3/8	64	14 1/16	6, 8, 10, 12	3,640
BTL2500F-125NN	2,500	84	123 1/2	94	32	72	14 1/8	6, 8, 10, 12	5,340
BTL3000F-125NN	3,000	84	145 1/2	94	32	72	14 1/8	6, 8, 10, 12	6,140

** Add 2" to "C" dimension when specifying 10" or 12" nozzles.