

"BTH" Flanged Vertical Storage Tanks with High Connections Submittal Data

Submittal No: 401-188 | Effective: August 30, 2023 | Supersedes: June 1, 2016

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ LOCATION _____

MODEL NO. _____ QUANTITY _____

GALLONS _____

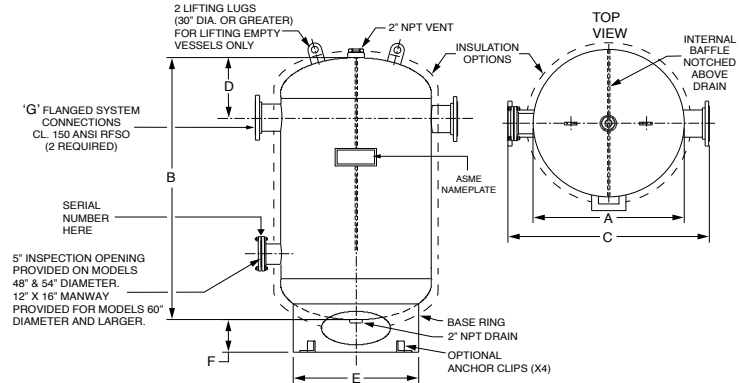
SPECIFICATIONS

- 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: BTH0050F02-125NN	TANK VOLUME	A DIAMETER	B	C**	D	E DIAMETER	F	G	APPROX. WEIGHT
	GAL.	INCH	INCH	INCH	INCH	INCH	INCH	SIZE	LBS.
BTH0050F_-125NN	50	20	43	30	11 1/2	16	6 3/4	2, 3, 4	190
BTH0075F_-125NN	75	24	46	34	12 5/8	20	6 3/4	2, 3, 4	240
BTH0100F_-125NN	100	24	61	34	12 5/8	20	6 3/4	2, 3, 4	280
BTH0125F_-125NN	125	24	76	34	12 5/8	20	6 3/4	2, 3, 4	330
BTH0150F_-125NN	150	30	60	40	14 1/4	24	8	2, 3, 4	510
BTH0180F_-125NN	180	30	71	40	14 1/4	24	8	2, 3, 4	590
BTH0200F_-125NN	200	30	78	40	14 1/4	24	8	2, 3, 4	630
BTH0250F_-125NN	250	36	69	46	16 1/4	30	7 7/8	3, 4, 6	710
BTH0300F_-125NN	300	36	82	46	16 1/4	30	7 7/8	3, 4, 6	820
BTH0350F_-125NN	350	36	94	46	16 1/4	30	7 7/8	3, 4, 6	910
BTH0400F_-125NN	400	48	65	58	18 7/8	40	8 5/8	4, 6, 8	1,010
BTH0450F_-125NN	450	48	72	58	18 7/8	40	8 5/8	4, 6, 8	1,080
BTH0500F_-125NN	500	48	79	58	18 7/8	40	8 5/8	4, 6, 8	1,160
BTH0700F_-125NN	700	48	100	58	18 7/8	40	8 5/8	4, 6, 8	1,300
BTH0850F_-125NN	850	54	99	64	22 5/8	44	9 3/8	4, 6, 8	1,880
BTH1050F_-125NN	1,050	60	99	70	24 3/4	50	9 3/4	6, 8, 10	2,130
BTH1250F_-125NN	1,250	60	115 7/8	70	25 11/16	50	10	6, 8, 10, 12	2,235
BTH1500F_-125NN	1,500	60	137 7/8	70	25 11/16	50	10	6, 8, 10, 12	2,740
BTH1750F_-125NN	1,750	72	113 1/4	82	28 3/8	64	14 1/16	6, 8, 10, 12	3,340
BTH2000F_-125NN	2,000	72	128 1/4	82	28 3/8	64	14 1/16	6, 8, 10, 12	3,640
BTH2500F_-125NN	2,500	84	123 1/2	94	32	72	14 1/8	6, 8, 10, 12	5,340
BTH3000F_-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.