



# Submittal Data Information "BTH" Buffer Tanks

401-085

SUPERSEDES: July 1, 2009

EFFECTIVE: June 1, 2010

Job: \_\_\_\_\_ Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_ Rep: \_\_\_\_\_

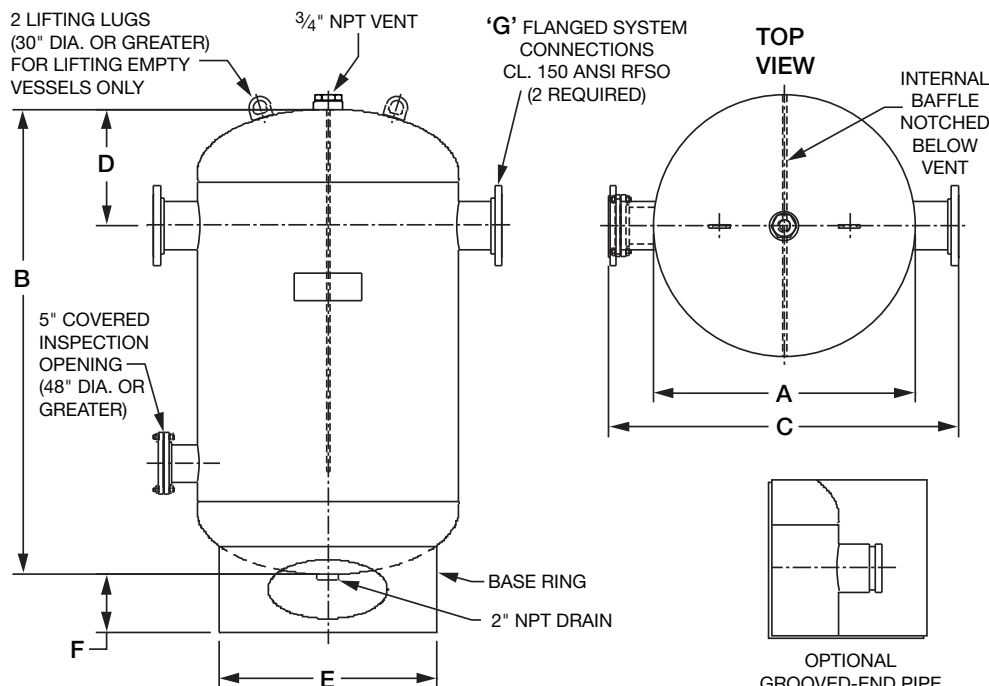
| ITEM | LOCATION | MODEL | QUANTITY | GALLONS |
|------|----------|-------|----------|---------|
|------|----------|-------|----------|---------|

## SPECIFICATIONS

- Designed and constructed per ASME Code Section VIII, Division 1.
- Construction: Carbon Steel with exterior red oxide primer finish
- 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
- Grooved-end pipe System Connections
- Thermal insulation
  - ☐ None
  - ☐ Chilled Water 1/2" Armaflex
  - ☐ Heating Water 1" Silicon Blanket



## 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.

| MODEL NUMBER    | TANK VOLUME | A    | B    | C                              | D                              | E    | F                             | G    | APPROX. WEIGHT |
|-----------------|-------------|------|------|--------------------------------|--------------------------------|------|-------------------------------|------|----------------|
|                 | GAL.        | INCH | INCH | INCH                           | INCH                           | INCH | INCH                          | SIZE | LBS.           |
| BTH0050F03-125N | 50          | 20   | 43   | 26 <sup>3</sup> / <sub>4</sub> | 11 <sup>1</sup> / <sub>2</sub> | 16   | 6 <sup>3</sup> / <sub>4</sub> | 3"   | 180            |
| BTH0075F03-125N | 75          | 24   | 46   | 30 <sup>3</sup> / <sub>4</sub> | 12 <sup>5</sup> / <sub>8</sub> | 20   | 6 <sup>3</sup> / <sub>4</sub> | 3"   | 230            |
| BTH0100F03-125N | 100         | 24   | 61   | 30 <sup>3</sup> / <sub>4</sub> | 12 <sup>5</sup> / <sub>8</sub> | 20   | 6 <sup>3</sup> / <sub>4</sub> | 3"   | 270            |
| BTH0125F03-125N | 125         | 24   | 76   | 30 <sup>3</sup> / <sub>4</sub> | 12 <sup>5</sup> / <sub>8</sub> | 20   | 6 <sup>3</sup> / <sub>4</sub> | 3"   | 320            |
| BTH0150F03-125N | 150         | 30   | 60   | 36 <sup>3</sup> / <sub>4</sub> | 14 <sup>1</sup> / <sub>4</sub> | 24   | 8                             | 3"   | 500            |
| BTH0180F03-125N | 180         | 30   | 71   | 36 <sup>3</sup> / <sub>4</sub> | 14 <sup>1</sup> / <sub>4</sub> | 24   | 8                             | 3"   | 580            |
| BTH0200F03-125N | 200         | 30   | 78   | 36 <sup>3</sup> / <sub>4</sub> | 14 <sup>1</sup> / <sub>4</sub> | 24   | 8                             | 3"   | 620            |
| BTH0250F04-125N | 250         | 36   | 69   | 45 <sup>1</sup> / <sub>4</sub> | 16 <sup>1</sup> / <sub>4</sub> | 30   | 7 <sup>7</sup> / <sub>8</sub> | 4"   | 690            |
| BTH0300F04-125N | 300         | 36   | 82   | 45 <sup>1</sup> / <sub>4</sub> | 16 <sup>1</sup> / <sub>4</sub> | 30   | 7 <sup>7</sup> / <sub>8</sub> | 4"   | 800            |
| BTH0350F04-125N | 350         | 36   | 94   | 45 <sup>1</sup> / <sub>4</sub> | 16 <sup>1</sup> / <sub>4</sub> | 30   | 7 <sup>7</sup> / <sub>8</sub> | 4"   | 890            |
| BTH0400F06-125N | 400         | 48   | 65   | 57 <sup>1</sup> / <sub>4</sub> | 18 <sup>7</sup> / <sub>8</sub> | 40   | 8 <sup>5</sup> / <sub>8</sub> | 6"   | 980            |
| BTH0450F06-125N | 450         | 48   | 72   | 57 <sup>1</sup> / <sub>4</sub> | 18 <sup>7</sup> / <sub>8</sub> | 40   | 8 <sup>5</sup> / <sub>8</sub> | 6"   | 1050           |
| BTH0500F06-125N | 500         | 48   | 79   | 57 <sup>1</sup> / <sub>4</sub> | 18 <sup>7</sup> / <sub>8</sub> | 40   | 8 <sup>5</sup> / <sub>8</sub> | 6"   | 1130           |
| BTH0700F06-125N | 700         | 48   | 100  | 57 <sup>1</sup> / <sub>4</sub> | 18 <sup>7</sup> / <sub>8</sub> | 40   | 8 <sup>5</sup> / <sub>8</sub> | 6"   | 1270           |
| BTH0850F06-125N | 850         | 54   | 99   | 63 <sup>1</sup> / <sub>4</sub> | 22 <sup>5</sup> / <sub>8</sub> | 44   | 9 <sup>3</sup> / <sub>8</sub> | 6"   | 1850           |
| BTH1050F08-125N | 1050        | 60   | 99   | 69 <sup>3</sup> / <sub>4</sub> | 24 <sup>3</sup> / <sub>4</sub> | 50   | 9 <sup>3</sup> / <sub>4</sub> | 8"   | 2100           |

COMMENTS: \_\_\_\_\_

## Do it Once. Do it Right.®

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