



# Submittal Data Information

## 'BHS' Flanged Horizontal Buffer Tanks

### with Side Connections

401-183

SUPERSEDES: May 25, 2016

EFFECTIVE: February 26, 2019

Job: \_\_\_\_\_

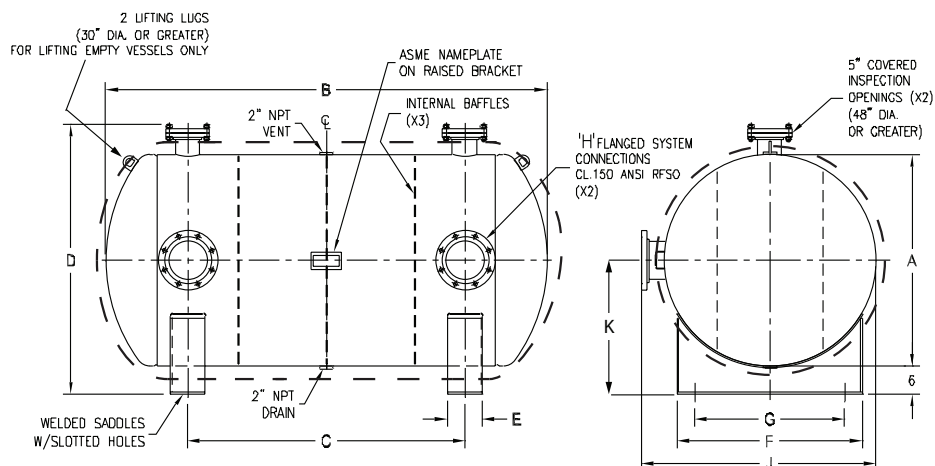
| ITEM | LOCATION | MODEL | QUANTITY | GALLONS |
|------|----------|-------|----------|---------|
|------|----------|-------|----------|---------|

#### SPECIFICATIONS

- Designed and constructed per ASME Code Section VIII, Division 1.
- Construction: Carbon steel with exterior red oxide primer finish.
- 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
- ☐ 150 PSI Working Pressure



**\*Complete Model Number as shown below:**  
BHS0050F02-125N

#### 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 Size offered circled below.

Example: ③



| MODEL NUMBER*   | TANK VOLUME | A DIA. | B       | C      | D      | E    | F    | G    | H            | J**  | K      | APPROX WEIGHT |
|-----------------|-------------|--------|---------|--------|--------|------|------|------|--------------|------|--------|---------------|
|                 | GAL.        | INCH   | INCH    | INCH   | INCH   | INCH | INCH | INCH | NOZZLE SIZE  | INCH | INCH   | LBS.          |
| BHS0050F__-125N | 50          | 20     | 43      | 21 1/2 | 26     | 6    | 18   | 14   | 2, 3, 4      | 25   | 16     | 190           |
| BHS0075F__-125N | 75          | 24     | 46      | 22 1/4 | 30     | 6    | 22   | 18   | 2, 3, 4      | 29   | 18     | 240           |
| BHS0100F__-125N | 100         | 24     | 61      | 37 1/4 | 30     | 6    | 22   | 18   | 2, 3, 4      | 29   | 18     | 280           |
| BHS0125F__-125N | 125         | 24     | 76      | 52 1/4 | 30     | 6    | 22   | 18   | 2, 3, 4      | 29   | 18     | 330           |
| BHS0150F__-125N | 150         | 30     | 60      | 33     | 36 1/4 | 6    | 26   | 20   | 2, 3, 4      | 35   | 21 1/4 | 510           |
| BHS0180F__-125N | 180         | 30     | 71      | 44     | 36 1/4 | 6    | 26   | 20   | 2, 3, 4      | 35   | 21 1/4 | 590           |
| BHS0200F__-125N | 200         | 30     | 78      | 51     | 36 1/4 | 6    | 26   | 20   | 2, 3, 4      | 35   | 21 1/4 | 630           |
| BHS0250F__-125N | 250         | 36     | 69      | 37     | 42 1/4 | 8    | 32   | 24   | 3, 4, 6      | 41   | 24 1/4 | 710           |
| BHS0300F__-125N | 300         | 36     | 82      | 50     | 42 1/4 | 8    | 32   | 24   | 3, 4, 6      | 41   | 24 1/4 | 820           |
| BHS0350F__-125N | 350         | 36     | 94      | 62     | 42 1/4 | 8    | 32   | 24   | 3, 4, 6      | 41   | 24 1/4 | 910           |
| BHS0400F__-125N | 400         | 48     | 65      | 27 3/4 | 61 1/4 | 8    | 42   | 34   | 4, 6, 8      | 53   | 30 1/4 | 1010          |
| BHS0450F__-125N | 450         | 48     | 72      | 34 3/4 | 61 1/4 | 8    | 42   | 34   | 4, 6, 8      | 53   | 30 1/4 | 1080          |
| BHS0500F__-125N | 500         | 48     | 79      | 41 3/4 | 61 1/4 | 8    | 42   | 34   | 4, 6, 8      | 53   | 30 1/4 | 1160          |
| BHS0700F__-125N | 700         | 48     | 100     | 62 3/4 | 61 1/4 | 8    | 42   | 34   | 4, 6, 8      | 53   | 30 1/4 | 1300          |
| BHS0850F__-125N | 850         | 54     | 99      | 54 1/2 | 67 1/4 | 8    | 46   | 38   | 4, 6, 8      | 59   | 33 1/4 | 1880          |
| BHS1050F__-125N | 1050        | 60     | 99      | 50 1/8 | 73 1/4 | 8    | 52   | 44   | 6, 8, 10     | 65   | 36 1/4 | 2130          |
| BHS1250F__-125N | 1250        | 60     | 115 7/8 | 65     | 73 1/4 | 8    | 52   | 44   | 6, 8, 10, 12 | 65** | 36 1/4 | 2340          |
| BHS1500F__-125N | 1500        | 60     | 137 7/8 | 87     | 73 1/4 | 8    | 52   | 44   | 6, 8, 10, 12 | 65** | 36 1/4 | 2740          |
| BHS1750F__-125N | 1750        | 72     | 113 1/4 | 57     | 85 1/4 | 8    | 62   | 50   | 6, 8, 10, 12 | 77** | 42 1/4 | 3340          |
| BHS2000F__-125N | 2000        | 72     | 128 1/4 | 72     | 85 1/4 | 8    | 62   | 50   | 6, 8, 10, 12 | 77** | 42 1/4 | 3640          |
| BHS2500F__-125N | 2500        | 84     | 123 1/2 | 60     | 97 1/4 | 8    | 72   | 60   | 6, 8, 10, 12 | 89** | 48 1/4 | 5340          |
| BHS3000F__-125N | 3000        | 84     | 145 1/2 | 82     | 97 1/4 | 8    | 72   | 60   | 6, 8, 10, 12 | 89** | 48 1/4 | 6140          |

\*\*Add 1" to 'J' dimension when specifying 10" or 12" nozzles.

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



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