

SINCE 1908
wessels
 company

SUBMITTAL

NTA-SERIES
 HVAC EXPANSION TANKS

Models: NTA-15 to NTA-280

Submittal Sheet No. A-1004C

Rev. 4 4/6/2020

| | | |
|------------------|--------------------|------------|
| Job Name _____ | Submitted By _____ | Date _____ |
| Location _____ | Approved By _____ | Date _____ |
| _____ | Order No. _____ | Date _____ |
| Engineer _____ | Notes _____ | _____ |
| Contractor _____ | _____ | _____ |
| Sales Rep. _____ | _____ | _____ |

Description:

Wessels NTA series are ASME fixed diaphragm type pre-charged HVAC expansion tanks. They are designed to absorb the expansion forces and control the pressure in heating / cooling systems. The system's expanded water (fully compatible with water / glycol mixtures) is contained in a heavy-duty diaphragm that prevents tank corrosion and waterlogging problems. All NTA expansion tanks can be installed vertically or horizontally.

Construction:

Shell: Carbon Steel
 Heads: Carbon Steel
 Exterior: Red Oxide Primer
 Interior: Heavy-duty Butyl

Design Parameters:

Maximum Design Pressure:
 150 PSIG (NTA-15 thru NTA-60)*
 125 PSIG (NTA-80 thru NTA-280)*
 Temperature Range: -20°F to 240°F
 *200 and 250 PSIG available

| Model Number | Part Number | Tank Volume (Gallons) | Acceptance Volume (Gallons) | Tagging Information | Quantity |
|--------------|-------------|-----------------------|-----------------------------|---------------------|----------|
| NTA-15 | 19010015 | 7.8 | 6.3 | | |
| NTA-20 | 19010020 | 11 | 8.8 | | |
| NTA-40 | 19010040 | 25 | 20.2 | | |
| NTA-60 | 19010060 | 35 | 28 | | |
| NTA-80 | 19010080 | 45 | 36 | | |
| NTA-100 | 19010100 | 60 | 48.5 | | |
| NTA-120 | 19010120 | 70 | 56.5 | | |
| NTA-144 | 19010144 | 80 | 65 | | |
| NTA-180 | 19010180 | 90 | 73 | | |
| NTA-200 | 19010200 | 115 | 93 | | |
| NTA-240 | 19010240 | 140 | 113.5 | | |
| NTA-260 | 19010260 | 158 | 128 | | |
| NTA-280 | 19010280 | 211 | 171 | | |

Typical Specification

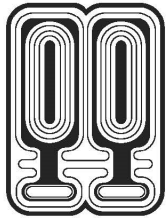
Furnish and install, as shown on plans, a _____ gallon _____" diameter X _____" tall pre-charged HVAC expansion tank with a fixed heavy-duty butyl diaphragm. The tank shall be equipped with a NPT system connection, and a 0.302"-32 charging valve connection (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank must be constructed in accordance with most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code.

Each tank shall be Wessels model number NTA-_____ or approved equal.



SINCE 1908
wessels
 company

101 Tank Street Greenwood, IN 46143
 P: 317-888-9800 F: 317-865-7411
 www.westank.com

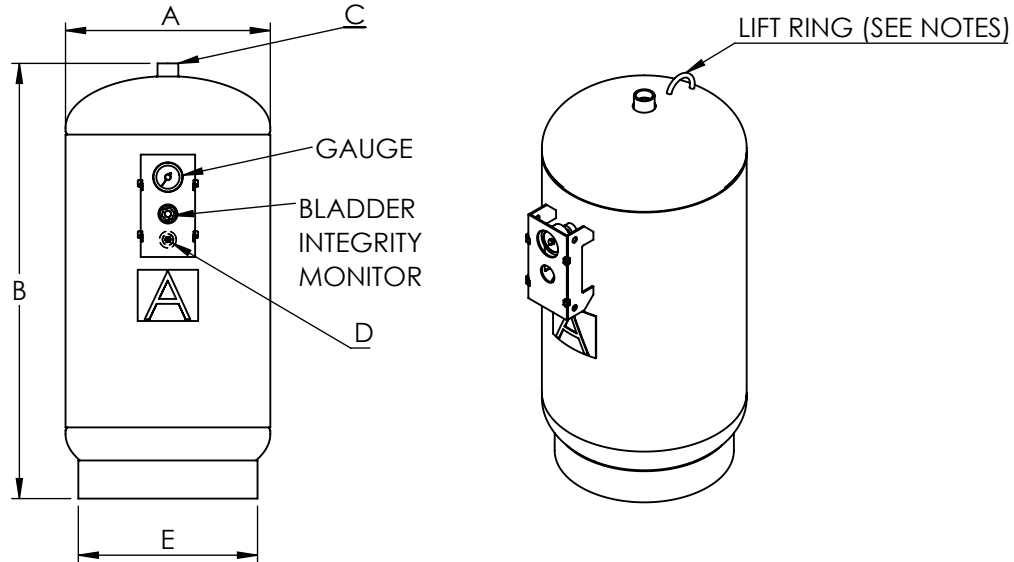


SINCE 1908
wessels
 company

SUBMITTAL

NTA-SERIES
 HVAC EXPANSION TANKS

Models: NTA-15 to NTA-280
 Submittal Sheet No. A-1004C Rev. 4 4/6/2020



NTA 15 thru NTA 280

Dimensions & Weights:

| Model Number | Dimensions in Inches | | | | | Approx. Weight (lbs) | |
|--------------|----------------------|----|-------------------|----------------|-------|----------------------|-----|
| | A | B | System Connection | Charging Valve | E | | |
| | | | C | D | | | |
| NTA-15 | 12 | 19 | 3/4 | 0.302"-32NC | 10 | 42 | |
| NTA-20 | | 25 | | | | 52 | |
| NTA-40 | 16 | 33 | 1 | | 14 | 84 | |
| NTA-60 | | 44 | | | | 97 | |
| NTA-80 | 20 | 38 | | | 18 | 148 | |
| NTA-100 | | 49 | | | | 175 | |
| NTA-120 | 24 | 46 | | | 1 1/2 | 22 | 259 |
| NTA-144 | | 49 | | | | | 268 |
| NTA-180 | | 52 | 283 | | | | |
| NTA-200 | | 66 | 325 | | | | |
| NTA-240 | | 78 | 362 | | | | |
| NTA-260 | | 30 | 63 | 24 | | | 591 |
| NTA-280 | 81 | | 752 | | | | |

Notes:

- Tanks are factory pre-charged at 40 PSIG and field adjustable.
- California code-sight glass is available upon request.
- Lift ring on models NTA-40 thru NTA-280.
- Mounting clips are available upon request.



SINCE 1908
wessels
 company

101 Tank Street Greenwood, IN 46143
 P: 317-888-9800 F: 317-865-7411
 www.westank.com