

DATA SUBMITTAL

Flat Wall Mounted ZFT Hydronic Expansion Tanks

Description

Zilmet flat hydronic expansion tanks feature a compact design and a seamless diaphragm that never stretches or creases. Each tank is leak tested and all diaphragms are designed to maximize draw-down. All tanks for use with a boiler in a non-potable, hydronic application.

These flat tanks are a perfect companion to wall hung, condensing boilers. Mounting bracket makes them easy to install and a union connection with dual check valve allows for stress free servicing of the system and tank.

Construction:

Shell: Carbon Steel Connection: Carbon Steel Factory Precharge: 12 PSIG Membrane: SBR Synthetic Rubber

Performance Specifications

Maximum Design Temperature: 194°F Maximum Design Pressure: see Table below

<u>Application:</u> The Zilmet hydronic expansion tanks are for use in a closed loop hydronic system to provide relief from expanded water

| Model Number | Volume (gal) | UPC Code | Tagging Information | Quantity |
|--------------|-----------------|----------|---------------------|----------|
| ZFT8C-15 | 2.1 | 5042501 | | |
| ZFT18C-30 | 4.8 | 5042594 | | |
| ZFT8R-15 | 2.1 | 5042587 | | |
| ZFT18R-30 | 4.8 | 5042600 | | |
| ZFT24R-60 | 6.3 | 5050322 | | |

^{*}C indicates circular design

--All flat tanks come with a welded mounting bracket and a union with a two way check valve--

^{*}R indicated rectangular design

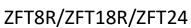


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Models: ZFT8C-15 to ZFT24R-60 Date: 11/2021







ZFT8C/ZFT18C



ZFT-U Flat Tank Union

| Model Number | Capacity gal | Ø – Diamete inches | | Height iches | Weight (lbs) | Max Working Pressure | Connection (NPT) | Acceptance Volume |
|-----------------|-----------------|-----------------------|--------|-----------------|-----------------|-------------------------|---------------------|----------------------|
| | | | | | | PSIG | | (lbs) |
| ZFT8C-15 | 2.1 | 15.2 | | 3.9 | 10 | 43.5 | 1/2" | 1.1 |
| ZFT18C-30 | 4.8 | 15.2 | | 7.8 | 15 | 43.5 | 1/2" | 2.4 |
| Model | Capacity | L – Length | W – | H – | Weight | Max Working | Connection | Acceptance |
| Number | gal | inches | Width | Height | (lbs) | Pressure | (NPT) | Volume |
| | | | inches | inches | | PSIG | | (lbs) |
| ZFT8R-15 | 2.1 | 17.2 | 9.8 | 3.7 | 10 | 43.5 | 1/2" | 1.1 |
| ZFT18R-30 | 4.8 | 17.5 | 13.8 | 6.2 | 20 | 51.0 | 1/2" | 2.7 |
| ZFT24R-60 | 6.3 | 17.5 | 13.8 | 7 | 21 | 51.0 | 1/2" | 3.9 |