



DATA SUBMITTAL

Flat Wall Mounted ZFT Hydronic Expansion Tanks

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

Job Name: _____

Submitted By: _____

Date: _____

Job Location: _____

Approved By: _____

Date: _____

Order No.: _____

Date: _____

Engineer: _____

Notes: _____

Contractor: _____

Sales Rep.: _____

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

Application: 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

*R indicated rectangular design

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



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ZFT8R/ZFT18R/ZFT24



ZFT8C/ZFT18C



ZFT-U
Flat Tank Union

Model Number	Capacity gal	Ø – Diameter inches	H – Height inches		Weight (lbs)	Max Working Pressure PSIG	Connection (NPT)	Acceptance Volume (lbs)
ZFT8C-15	2.1	15.2	3.9		10	43.5	½"	1.1
ZFT18C-30	4.8	15.2	7.8		15	43.5	½"	2.4
Model Number	Capacity gal	L – Length inches	W – Width inches	H – Height inches	Weight (lbs)	Max Working Pressure PSIG	Connection (NPT)	Acceptance Volume (lbs)
ZFT8R-15	2.1	17.2	9.8	3.7	10	43.5	½"	1.1
ZFT18R-30	4.8	17.5	13.8	6.2	20	51.0	½"	2.7
ZFT24R-60	6.3	17.5	13.8	7	21	51.0	½"	3.9