

Fusion[®] Series Treatment Systems

Job-ready, drop-in treatment units utilizing proven technology



Features

- Produces secondary quality effluent
 - Adjustable to accommodate various wastewater conditions
 - Easy installation with few pipe connections
 - Requires as little as 80 watts of power
 - Lifetime warranty on the media
 - Designed for residential, clustered, and small commercial applications
 - NSF/ ANSI Standard 40 certified*
 - Effluent disposal options include conventional trenches, dosed systems, drip irrigation, or disinfection with direct discharge
 - Compressor, alarm panel and other accessories sold separately
- * NSF/ANSI Standard 40 approval only for 450 and 800 Fusions



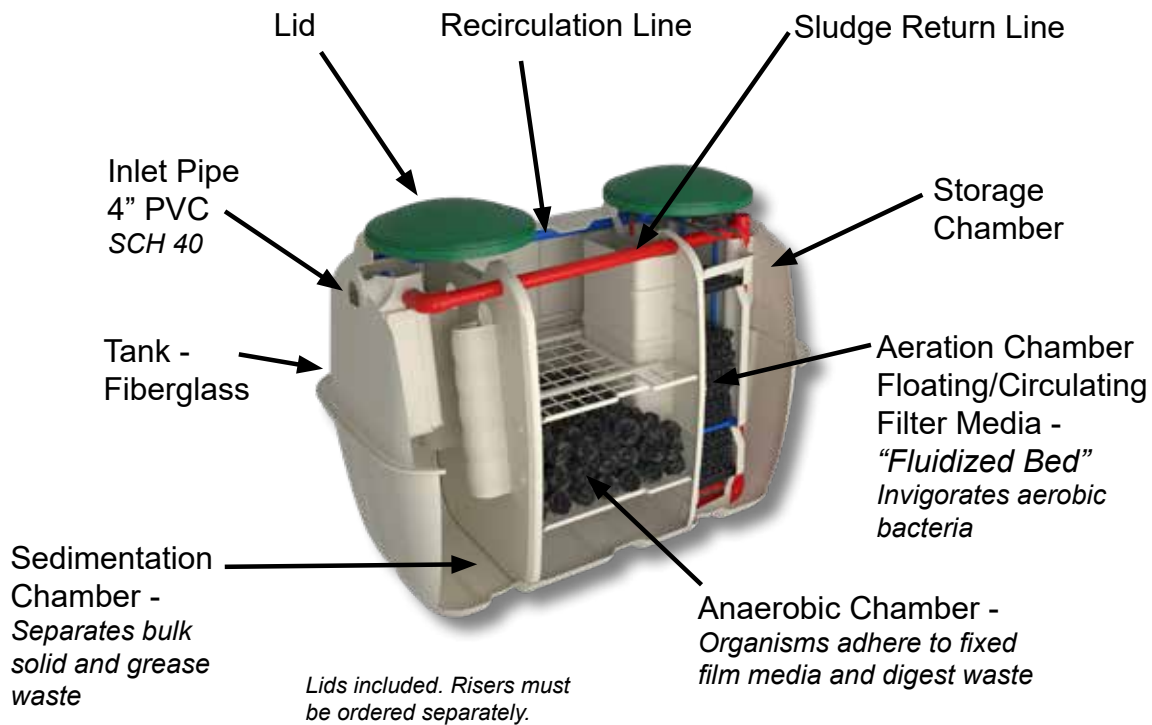
Certified to
NSF/ANSI
Standard 40
Class 1
Performance
Designation



Trusted. Tested. Tough.[®]

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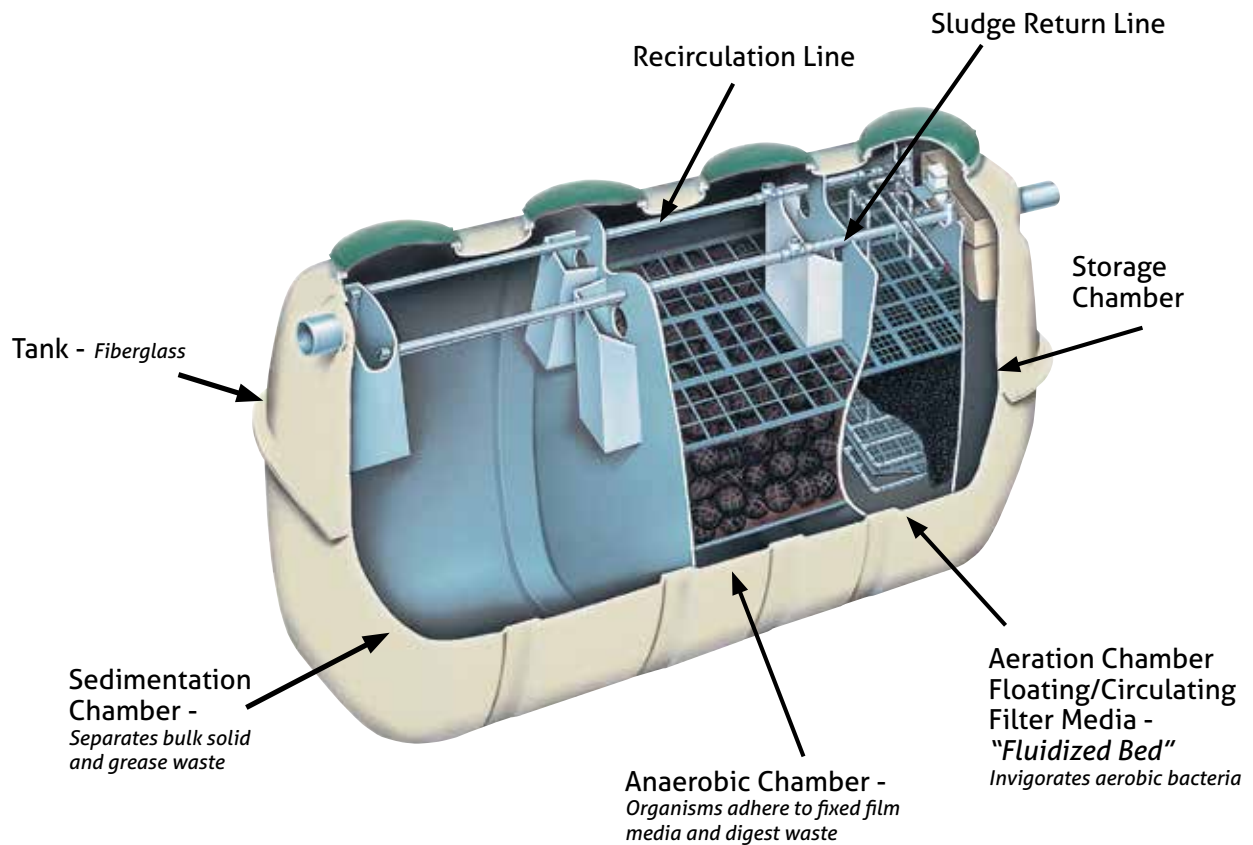


Residential Fusion®			
Item No.	Model	Gallon per day	Cubic meters per day
5250-0001	ZF-450	450	1.7
5250-0003	ZF-800	800	3

Residential Accessories	
Item No.	Description
5250-0050	Dual port blower
10-2148	Alarm panel
5250-0004	UV disinfection unit
5085-0001	20" X 6" riser extension ZF-600 & 800
5085-0002	20" riser cover ZF-600 & 800
5086-0001	24" X 6" riser extension for ZF-450 - 800
5086-0002	24" riser cover for ZF-450 - 800

	Item No.	Quantity
A. Select Fusion® model		
B. Add blower		
C. Add panel		
D. Select risers (optional)		
For ZF-450 each 6" bury requires (2) 24" risers For ZF-800 each 6" bury depth requires (2) 24" risers and (1) 20" riser		
24" riser		
20" riser		

* Freight within the continental U.S. is included. Consult factory for alternate conditions or international shipments



Picture shown represents ZFL-2800 & ZFL-4000. ZFL-1120-ZFL-2400 have a single air line.

Commercial Fusion®				
Model No.	Gallon Per Day	Cubic Meters Per Day	Shipping Container	Item No.
ZFL-1120	1120	4	20' / 40'	5250-0019
ZFL-1440	1440	5	20' / 40'	5250-0021
ZFL-1680	1680	6	20' / 40'	5250-0023
ZFL-2000	2000	8	40' HC	5250-0025
ZFL-2400	2400	9	40' HC	5250-0026
ZFL-2800	2800	11	40' HC	5250-0028
ZFL-4000	4000	15	40' HC	5250-0034

Note: Units 1120-4000 can only be buried 12" deep

Commercial Accessories	
Item No.	Description
5250-0036	Riser kit 6-inch extension ZFL-1120-2400
5250-0037	Riser kit 12-inch extension ZFL-1120-2400
5086-0001	24" X 6" riser extension ZF-450, ZF-800 ZFL-2800 and ZFL-4000
5086-0002	24" riser cover ZF-450, ZF-800 ZFL-2800 and ZFL-4000
5250-0051	AL100, 115 V, 60 Hz, Fusion® blower (model ZFL-1120)
5250-0052	AL120, 115 V, 60 Hz, Fusion® blower (model ZFL-1440)
5250-0053	AL150, 115 V, 60 Hz, Fusion® blower (model ZFL-1680-2000)
5250-0054	AL200, 115 V, 60 Hz, Fusion® blower (model ZFL-2400)
5250-0055	AL250, 155 V, 60 Hz, Fusion® blower (model ZFL-2800)
5250-0056	AL300, 155 V, 60 Hz, Fusion® blower (model ZFL-4000)
5250-0057	AL100, 220 V, 50 Hz, blower (model ZFL-1120)
5250-0058	AL120, 220 V, 50 Hz, blower (model ZFL-1440)
5250-0059	AL150, 220 V, 50 Hz, blower (model ZFL-1680-2000)
5250-0060	AL200, 220 V, 50 Hz, blower (model ZFL-2400)
5250-0061	AL250, 220 V, 50 Hz, blower (model ZFL-2800)
5250-0062	AL300, 220 V, 50 Hz, blower (model ZFL-4000)
5250-0063	Components, PVC for Fusion® ZFL-1120-2400 GPD (needed for U.S installations)
5250-0064	Components, PVC for Fusion® ZFL-2800-4000 GPD (needed for U.S installations)
10-3046	Alarm panel 220 V, 50 Hz, ZFL-1120-2400
10-2805	Alarm panel 220 V, 50 Hz, ZFL-450-800
10-3045	Alarm panel 115 V, 60 Hz, ZFL-1120-2400
10-2148	Alarm panel 115 V, 60 Hz, ZFL-2800-4000
10-3591	Alarm panel 220 V, 50 Hz, ZFL-2800-4000
5250-0065	Transformer 115 V-100V ZFL-2800-4000
5250-0082	Switching valve for 2800-4000

Note: A riser kit is required for 1120-4000 Fusion® units

There are four 24" manholes on ZF-2400 and ZF-4000. Add up to two each for maximum 12 inch burial depth. Use item 5086-0001 commercial

Items A thru F below must be completed to determine the list price of a commercial Fusion® system.

	Item No.	Quantity
A. Select Fusion model		
B. Select blower		
C. Select panel		
D. Select risers		
E. Select transformer for models 2800 & 4000		
F. Select switching valve for models 2800 & 4000		
F. Select additional components		