SFS

Labels on drawing: CONTROL PANEL, PUMP & MOTOR, SAND FILTER, SYSTEM INLET, SYSTEM FRAME

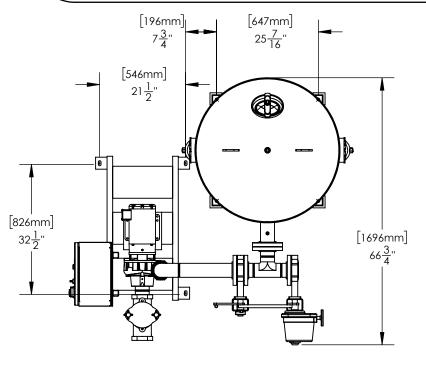| SFC36-LH	
Operating Point	141 GPM (US) @ 40' TDH
Sand Filter - Size & Style	36" Carbon Steel, Powder Coated
Frame Construction	Carbon Steel (Welded), Powder Coated
Pipe Assy - Construction	Carbon Steel (Welded), Powder Coated
ELECTRICAL - Motor & System	
Horsepower (HP)	3
Power - Volts / Hz	460/60
RPM	3500
Motor Amperage	4.8
System Total Amperage	6.8
PUMP	
Installation	Flooded Suction Required
Case Material	Cast Iron
Impeller Material	Bronze
Mechanical Seal	VITON Elastomer, Silicone Carbide Seat, Carbon Rotary
BASKET STRAINER	
Body Construction	Cast Iron
Strainer Mesh	Stainless Steel with 1/4" perforations
Connection - Type & Size	Female NPT 3"
CONTROL PANEL (UL Listed & Labeled. Manufactured to UL 508A)	
Enclosure (UL listed & CSA approved)	NEMA 4 (STD) NEMA 4X (Optional) - 304
Electrical Components (UL listed & CSA approved)	Thermal Overload Starter, HOA, XFMR, "RUN" Light, Door Disconnect, Contactor, Purge Timer
PROCESS INLET	
Connection - Type & Size	FNPT 3"
PROCESS OUTLET	
Connection - Type & Size	Flange 3"
VALVE ASSEMBLY	
Body Material	Cast Iron, Powder Coated
Disc Material	Cast Iron, Powder Coated
Connection Type	Flanged, Butterfly
Seat	EPDM
Electrical	120VAC Electric Actuator
Y-Strainer	Cast Iron, 3/64" Perforation
Press Release & Air Vent	3/4" NPT
PRESSURE - Maximum Operating	
Pump Inlet	60 psi (4.1 bar)
Vessel	80 psi (5.5 bar)
TEMPERATURE - Maximum Operating	
System	120ºF (49ºC)

WEIGHTS	DRY	SHIPPING	OPERATING
lbs (kg)	TBD	2245 (1018)	3740 (1696)

PREPARED BY: JOHN TREADWELL

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RELEASED BY: TIM BOYLEN

DATE: 03/12/2020

GWS General Water Systems

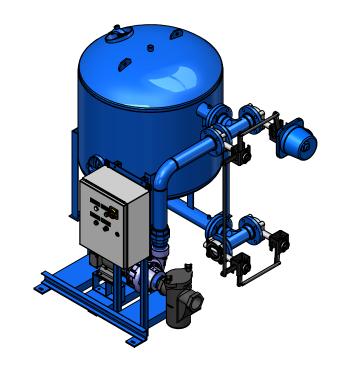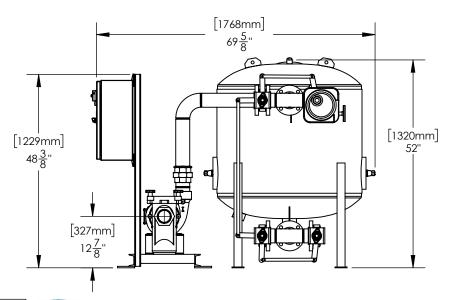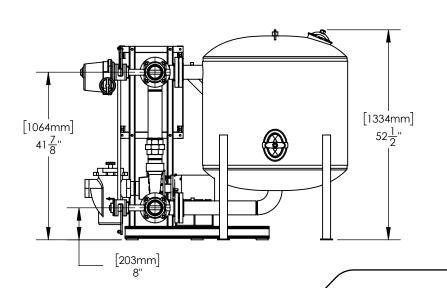*UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES

SFC36-LH

SFS

THIS DRAWING IS FOR SPATIAL CONSIDERATION ONLY, AND SUBJECT TO
CHANGE W/O PREVIOUS NOTICE, DO NOT PRE-PLUMB TO THESE DIMENSIONS

[196mm]
7 3/4"

[647mm]
25 7/16"

[546mm]
21 1/2"

[826mm]
32 1/2"

[1696mm]
66 3/4"

[1768mm]
69 5/8"

[1229mm]
48 3/8"

[1320mm]
52"

[327mm]
12 7/8"

[1064mm]
41 7/8"

[1334mm]
52 1/2"

[203mm]
8"

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GWS

SFC36-LH