



FS SERIES PRODUCT CATALOG FOR INDUSTRIAL WATER APPLICATIONS 2018

Small
footprint

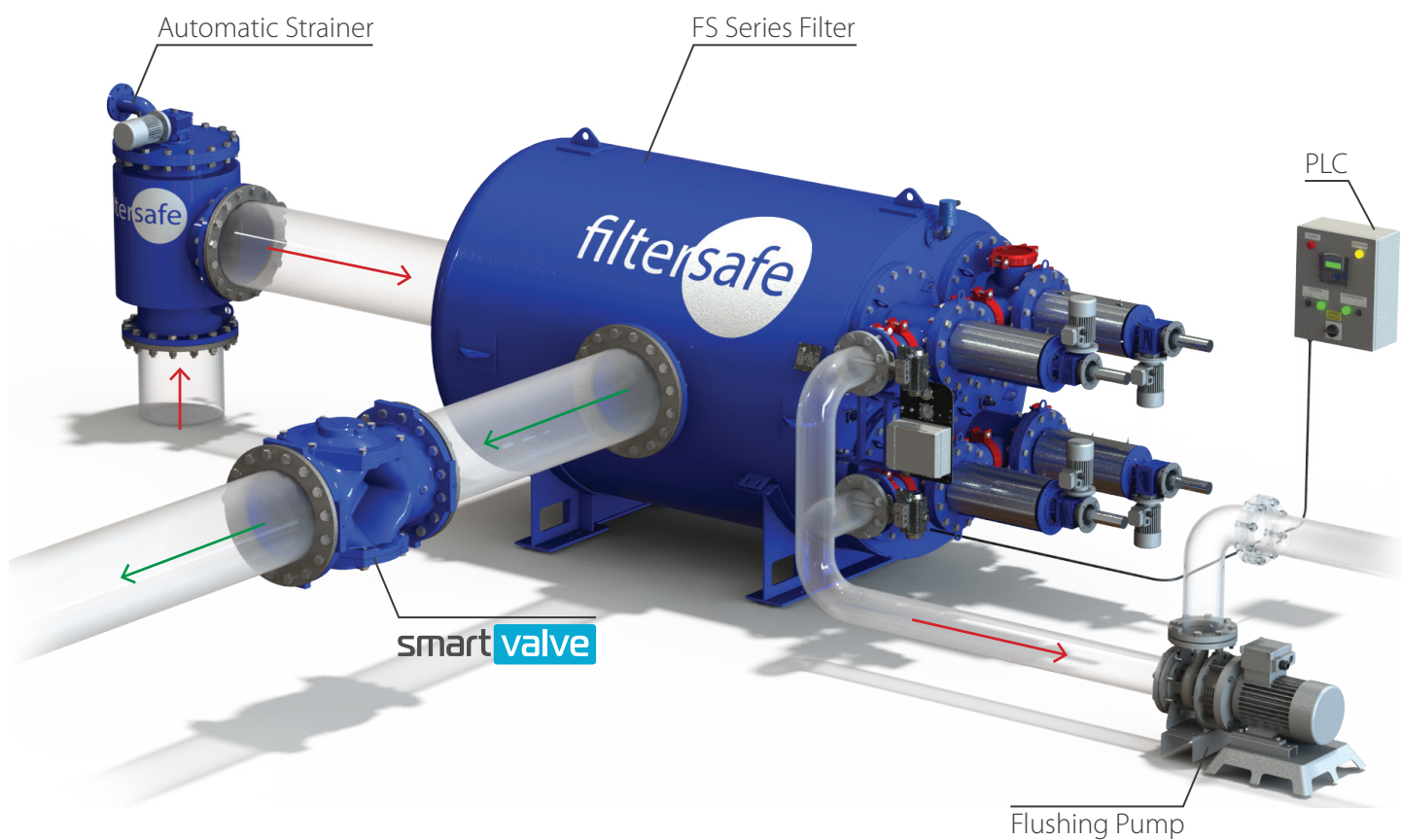
**Horizontal
& Vertical**
Installations

Up to **100,000**
cycles per year

100% Screen
Cleaning

Filtration Degree -
10-100 micron

ADDITIONAL PRODUCTS



← dirty water
← clean water

FS GUARANTEE

Filtration Performance Guarantee

Filtersafe guarantees continuous operation of its FS-Series filters in all water conditions when a SmartValve is installed.
For further information please contact your Filtersafe representative.

FS-SERIES FILTER TECHNICAL SPECIFICATIONS

Compact Single Screen Filters



FS-201V



FS-151H

Single Screen Filters



FS-150V



FS-150H

High Capacity Screen Filters



FS-300V

Multi Screen Filters



FS-1204V



FS-1204-H

Model H=Horizontal V=Vertical T=Turbo	In/Out Connections		*100 µm Max. Flow rates Minimum 2.0 Bar water pressure to be maintained at filter inlet all times		*80 µm Max. Flow rates Min. 2.0bar at inlet	
	Inch	mm	USgpm	m³/hr	USgpm	m³/hr
FS-031H/V	2-4	50-100	657	150	462	105
FS-061H/V	3-6	80-150	1314	300	925	210
FS-101H/V	6-8	150-200	2190	500	1,541	350
FS-151H/V	8-12	200-300	3285	750	2,311	525
FS-201H/V	8-12	200-300	4380	1000	3,082	700
turbo™ Compact Single Screen Filters						
FS-061H/V-T	6-8	150-200	-	-	-	-
FS-101H/V-T	8-10	200-300	-	-	-	-
FS-151H/V-T	10-14	250-350	-	-	-	-
FS-201H/V-T	10-14	250-350	-	-	-	-
FS-025H/V	2-4	50-100	548	125	308	70
FS-050H/V	3-6	80-150	1095	250	770	175
FS-070H/V	6-8	150-200	1533	350	1,079	245
FS-100H/V	6-8	150-200	2190	500	1,541	350
FS-150H/V	8-10	200-250	3285	750	2,311	525
FS-200H/V	8-14	250-350	4380	1000	3,082	700
turbo™ Single Screen Filters						
FS-100H/V-T	8-10	200-250	-	-	-	-
FS-150H/V-T	8-12	200-300	-	-	-	-
FS-200H/V-T	10-14	250-350	-	-	-	-
FS-300H/V	10-14	250-350	6570	1500	4,623	1,050
FS-400H/V	12-16	300-400	8760	2000	6,164	1,400
turbo™ High Capacity Screen						
FS-300H/V-T	12-16	300-400	-	-	-	-
FS-400H/V-T	12-16	300-400	-	-	-	-
FS-603H/V	16-18	400-450	13140	3000	9,246	2,100
FS-804H/V	18-20	450-500	17520	4000	12,328	2,800
FS-1004H/V	20-24	500-600	21900	5000	15,410	3,500
FS-1204H/V	20-24	500-600	26280	6000	18,492	4,200
FS-1206H/V	20-24	500-600	26280	6000	18,492	4,200
FS-1406H/V	20-24	500-600	29959	6840	21,547	4,900
turbo™ Multi Screen Filters						
FS-603H/V-T	16-18	400-450	-	-	-	-
FS-804H/V-T	18-20	450-500	-	-	-	-
FS-1004H/V-T	20-24	500-600	-	-	-	-
FS-1204H/V-T	20-24	500-600	-	-	-	-
FS-1206H/V-T	20-24	500-600	-	-	-	-
FS-1406H/V-T	20-24	500-600	-	-	-	-

* Maximum flow rates at TSS loading of up to 50PPM as per IMO G8 Guidelines. When unsure of TSS loadings, we recommend to increase one filter size or consult Filtersafe.

** 10um Maximum flow rates at TSS loading of up to 15-20PPM. When unsure of TSS loadings, we recommend to increase one filter size or consult Filtersafe.

*** For 25um screens reduce flush flow rate by 10% and for 15um screens reduce 25%.

The information contained in this document is subject to change without notice. Filtersafe shall not be liable for any errors contained herein.

*50 µm Max. Flow rates Min. 1.6bar at inlet + Suction pump		*40 µm Max. Flow rates Min. 1.6bar at inlet + Suction pump		*25 µm Max. Flow rates Min. 2.5bar at inlet + Suction pump		**10 µm Max. Flow rates Min. 2.5bar at inlet + Suction pump		Weight		***Flush Flow Rate @ 40µm screen	
USgpm	m³/hr	USgpm	m³/hr	USgpm	m³/hr	USgpm	m³/hr	Dry/Empty	Wet / Full	Flushing 1 Group m³/hr	Flushing 2 Groups m³/hr
438	95	329	75	219	50	92	21	285	375	7	-
876	190	657	150	416	95	184	42	310	440	14	-
1,467	320	1,095	250	657	150	307	70	472	700	14	-
2,201	480	1,643	375	1,095	250	460	105	557	927	21	-
2,935	640	2,190	500	1,467	335	613	140	601	1,071	28	-
964	224	788	180	526	115	202	46	310	440	21	-
1,614	376	1,205	300	810	176	337	77	472	700	21	-
2,421	565	1,796	450	1,205	294	506	116	557	927	35	-
3,228	753	2,409	600	1,621	394	675	154	601	1,071	42	-
368	-	219	50	153	35	70	16	189	279	7	-
736	-	548	125	372	85	140	32	207	322	14	-
1,030	-	788	180	526	120	197	45	267	492	14	-
1,467	320	1,095	250	657	150	307	70	348	568	21	-
2,203	480	1,643	375	1,095	250	460	105	602	1,112	21	-
2,935	640	2,190	500	1,467	335	613	140	675	1,235	28	-
1,616	376	1,205	275	810	185	337	77	348	568	35	-
2,422	565	1,796	410	1,205	275	506	116	602	1,112	35	-
3,228	753	2,409	550	1,621	370	675	154	675	1,235	42	-
4,402	960	3,285	750	2,190	500	920	210	1,275	2,335	28	-
5,869	1,280	4,380	1,000	3,066	700	1,226	280	1,338	2,588	35	-
4,842	1,129	3,723	900	2,540	588	1,012	231	1,275	2,335	42	-
6,456	1,506	5,256	1,200	3,416	824	1,349	308	1,338	2,588	56	-
8,760	1,800	6,570	1,500	4,380	1,100	1,840	420	2,630	5,543	84	-
11,738	2,400	8,760	2,000	6,132	1,600	2,453	560	3,300	7,300	112	56 x 2
14,673	3,000	10,950	2,500	7,665	2,000	3,066	700	3,592	8,396	140	70 x 2
17,520	3,600	13,140	3,000	9,198	2,400	3,679	840	3,770	9,154	168	84 x 2
17,520	3,600	13,140	3,000	9,198	2,400	3,679	840	4,770	10,494	168	84 x 2
19,973	4,200	14,980	3,500	10,486	2,750	4,205	960	4,990	10,994	210	105 x 2
9,636	2,100	7,227	1,800	4,884	1,115	2,044	467	2,630	5,543	126	-
12,912	2,800	9,855	2,400	6,899	1,575	2,725	622	3,300	7,300	168	112 x 2
16,140	3,500	12,045	3,000	8,432	1,925	3,407	778	3,592	8,396	224	-
19,272	4,200	14,454	3,600	10,118	2,310	4,088	933	4,770	10,494	280	140 x 2
19,272	4,200	14,454	3,600	10,118	2,310	4,088	933	4,770	10,494	252	126 x 2
21,900	5,000	16,478	4,200	11,534	2,633	4,625	1,056	4,990	10,994	336	168 x 2



- Smartweave™ screen traps organic matter and TSS.
- As more matter is trapped a pressure differential between the inlet and outlet initiates the cleaning cycle.
- Available in AISI St. St. 316, 904 or PREN40 on request
- Nozzlex® scans the entire smartweave™ screen removing all matter, disposing of the reject water through the flushing chamber.
- Available Types: Nozzlex, Static
- Filter returns to original operating parameters.

FS-SERIES FEATURES & ADDITIONS

turbo™ for High Sediment Loads

Filtersafe® turbo™ technology is designed to increase the filter's capability when operating in high dirt-load environments. This unique feature is available as an upgrade to our BS-Series product line.

Cathodic Protection Kit

Filtersafe's Cathodic Protection Kit is recommended for additional protection against corrosion in severe conditions. Based on sacrificial anodes, modular kit can also be applied as retro-fit to existing filters.

Davit Arm System

The Filtersafe's FS Series range are able to be supplied with a Davit Arm allowing for easy installation, maintenance and servicing.

PLC Controller

Filtersafe provides a range of optional PLC Controllers that are suitable for Safe Zone & Ex Zones allowing the following:

- Control the filter operation
- Enable testing of the filter
- Signal alerts
- Communicate with the customer control system
- Provide communication with a SCADA control system

Coatings & Linings

- Wet Paint
- Powder Coating
- Rubber Lined
- Other materials upon request

Pressure Vessel Materials

- Carbon Steel
- St. St. 316
- Super duplex & other materials available upon request

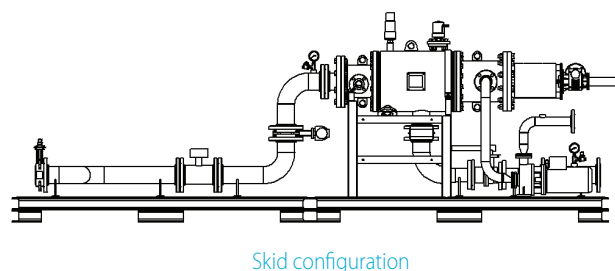
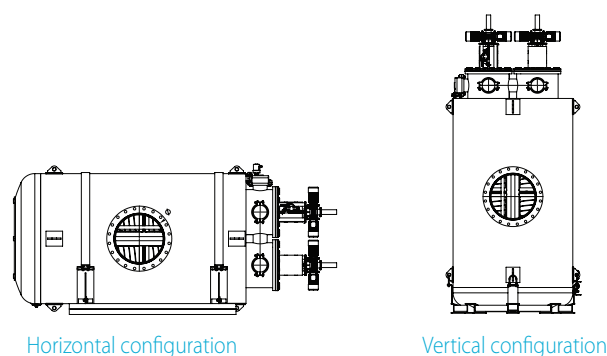
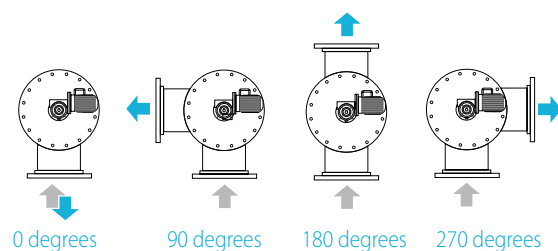
Pressure Vessel Design Codes

- LR (Standard)
- ASME - Section VIII, Division 1
- Others upon request

Tailor-made Solutions

Filtersafe's FS-Series filters are specially appointed to suit individual project requirements.

- New or retro-fit
- From 2"-24"
- 360 Degree Spatial arrangement
- Horizontal, Vertical and Skid configuration



Flange Types

ASME, ANSI, DIN, JIS
Others available upon request



Hazardous Area Classification

Filtersafe provides drive motors and control components suitable to the following:

Ex d	Ex ia	Ex ia
Zones 1 & 2	Zones 1 & 2	Zone 0
ATEX & IECEx	ATEX	IECEx



REGIONAL OFFICE, MANUFACTURING & ASSEMBLY

● ISRAEL

A 4,000 sq/m premises comprising our regional sales offices, R&D facilities and manufacturing/assembly plant. The facility is capable of handling very large volumes of production in line with market growth.

Contact Information:

Address: Ha'ella Street, P.O.B 23, Tefen Ind. Zone 2495900, Israel
Phone: +972 4 987 3620 ext. 105/106, Email: sales@filtersafe.net

● HONG KONG

Our Hong Kong manufacturing/assembly plant supplies our entire line of products to the region and is supported by a world-class steel fabrication facility.

Contact Information:

Address: DD362 Lot 30 Tsing Chau Tsai Shipyard, Lantau Island N T, Hong Kong
Phone: +852 2454 4300, Email: fshongkong@filtersafe.net

● BRAZIL, Rio de Janeiro

Branch Office

Contact Information:

Cell: +55 21 98899 6890
Direct: +55 21 3798 2307
Email: fsbrazil@filtersafe.net

● CHINA, Beijing

Branch Office

Contact Information:

Address: Room 811, Building 1, Xinyuanguoji Plaza, No 1, Chengshousi Road, Fengtai Dist., 100078 Beijing, PRC China
Email: fschina@filtersafe.net

● GERMANY, Hamburg

Branch Office

Strategic Sales & Technical Office serving all European markets.

Contact Information:

Phone: +49 151 5111 9622
Email: fsgermany@filtersafe.net

● SINGAPORE

Branch Office

Strategic Sales & Technical Office

Contact Information:

Phone: +65 9848 9856
Email: fssingapore@filtersafe.net



● Filtersafe Offices

● Filtersafe Manufacturing Facilities

● Filtersafe Distributor's



Filtersafe reserves the right to change any of the information presented in this document without prior notice.

The data presented in this document is for general information only and cannot be used for quotation purposes. Please contact Filtersafe for specific quote.

