



PRODUCT DESCRIPTION

The High Flow Filtration Skid is designed to handle flow rates of 900 gpm, making it an ideal solution for water treatment applications such as pre-RO filtration and process water treatment. With exceptional modularity and customization, the High Flow Skid can be tailored to meet specific process requirements. Whether scaling up capacity, integrating additional filtration stages, or incorporating various control elements, the skid offers a high degree of flexibility to adapt to different operational needs.

For maximum installation versatility, the skid can be mounted in both horizontal and vertical alignments. It features hygienic feet, ensuring compliance with industry standards for clean and sanitary installations.

The High Flow Skid can be equipped with basic manifolds, including a drain system, pressure gauge, and butterfly valve, providing essential functionality for effective operation and maintenance.

These components help streamline filtration processes while ensuring ease of use. For more advanced process monitoring and control, an additional option is available. This configuration includes a flow transmitter, differential pressure transmitter, and a junction box, enabling real-time performance tracking and seamless integration into automated process control systems.

MAIN FEATURES & BENEFITS

- Highly customizable in alignment, equipment and installation
- Suitable for flow rates up to 900 gpm
- Stainless Steel AISI 316 for food contact material
- Electropolished surfaces with Ra 64 µinch
- Hygienic design adheres to stringent sanitary standards
- Choice of filtration options for pre-filtration and removal of chlorine and heavy metals.

INDUSTRIES



- Bottled Water



- Dairy



- Breweries



- Softdrinks



- Environment

APPLICATIONS

- Pre-RO Water Treatment
- Bottled Water
- Process Water
- Waste and Wastewater
- Chemical removal

MATERIAL COMPLIANCE US

All polymer based components used for sealing purposes meet the US requirements for food contact use in accordance with FDA 21 CFR 177.2600



PRODUCT SPECIFICATIONS

General Information	
Max. Pressure Water	145 psig (10 barg)
Max. Pressure Steam	14 psig @ +250 °F (1 barg @ +121 °C)
Shortterm Temp. Range	+250 °F max. 30 min (+121 °C)
Process Temp. Range	+14 °F / +203 °F (-10 °C / +95 °C)
Ambient Temp. Range	+14 °F / +140 °F (-10 °C / +60 °C)
Material	Housing and piping in AISI 316, Seals made of EPDM
Cleaning	CIP; SIP on request

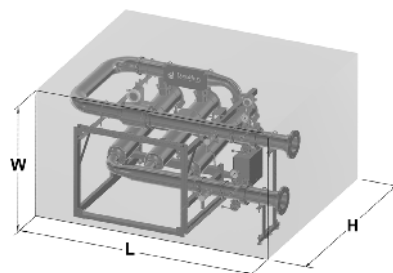
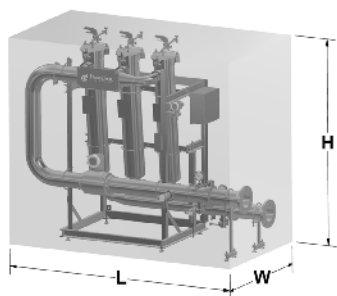


Model	Part Number	No. of Housings	Size of Filter Element [inch]	Housing Volume [cft]	Inlet/Outlet Size Clamp BS4825 [inch]	Recommended Flow Rate* [gpm]
2x40"	AG1399701	2	40	1.5	4"	350
2x60"	AG1399801	2	60	2	4"	440
3x40"	AG1399901	3	40	1.5	6"	530
3x60"	AG1400001	3	60	2	6"	660
4x40"	AG1400101	4	40	1.5	6"	700
4x60"	AG1400201	4	60	2	6"	900

*Varies based on elements, viscosity, etc.

Accessories			
Description	Part Number	Suited for	Connection
Option 1 (green colored)			
Drain 4" BS4825 TC	AG1397001	2x40"; 2x60"	4" Triclamp
Drain 6" 150 ANSI Flange	AG1397101	3x40"; 4x40"; 3x60"; 4x60"	6" ANSI Flange
Option 2 (red colored)			
Flow/dp Transmitter 4" TC	AG1397301	2x40"; 2x60"	4" Triclamp
Flow/dp Transmitter 6" TC	AG1397401	3x40"; 4x40"; 3x60"; 4x60"	6" Triclamp

DIMENSIONS



Frame and Housing



Size	L [inch]	W [inch]	H [inch]	Net Weight [lbs]	Water Filled Weight [lbs]
2x40"	35	41	81	310	569
2x60"	35	44	111	360	804
3x40"	50	41	81	580	1096
3x60"	50	44	111	480	1077
4x40"	65	41	81	480	1080
4x60"	65	44	111	780	1533

with Basic Equipment



Size	L [inch]	W [inch]	H [inch]	Net Weight [lbs]	Water Filled Weight [lbs]
2x40"	83	41	81	440	699
2x60"	83	44	111	490	934
3x40"	98	41	81	710	1226
3x60"	98	44	111	610	1207
4x40"	113	41	81	610	1210
4x60"	113	44	111	910	1663

with Advanced Monitoring



Size	L [inch]	W [inch]	H [inch]	Net Weight [lbs]	Water Filled Weight [lbs]
2x40"	81	50	81	580	839
2x60"	81	53	111	630	1074
3x40"	96	50	81	850	1366
3x60"	96	53	111	750	1347
4x40"	111	50	81	750	1350
4x60"	111	53	111	1050	1803



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