

SERIES MH1 STAINLESS STEEL AIR PREPARATION FROM AVENTICS

Pneumatics
It's that easy

The MH1 family of air preparation offers ideal corrosion resistance for the toughest of applications. With all metal components made from stainless steel, these filters, regulators and filter-regulator combinations excel in outdoor and caustic washdown applications and are NACE compliant. Reduce the size of stainless steel enclosures in your applications--or perhaps eliminate the need for them entirely--by using Series MH1 components.

Features

- ▲ Port Sizes: 1/4 & 1/2, in NPT and BSPP
- ▲ Flow Rates up to 106 SCFM or 3000 l/min
- ▲ Maximum working pressure 250 PSI / 17 bar
- ▲ Set pressure from 0 to 130 PSI / 9 bar
- ▲ Temperature range -22°F to +176°F / -30°C to +80°C
- ▲ All metal components are 316 or 304 SS
- ▲ Grease: USDA/NSF H1 registered
- ▲ Seals: FDA-approved NBR & Fluorocarbon
- ▲ RGS pressure regulator
- ▲ FRE combination filter + pressure regulator
- ▲ FLS, FLC, FLA general purpose, coalescing and active carbon filters
- ▲ RGS-FOOD hygienically-designed regulator
- ▲ Mounting accessories and gauges in stainless steel
- ▲ NACE MR0175 compliant

Applications

- ▲ Food industry/beverage industry/dairies
- ▲ Offshore
- ▲ Medical/pharmaceuticals
- ▲ Chemical industry
- ▲ Natural/acid/sulfur-rich gas environments
- ▲ Printing & paper
- ▲ Emissions monitoring
- ▲ Sewage treatment plants
- ▲ Car washes



Product Offering

General Purpose Filters		
Part Number	Model Code	Description
R432034667	MH1-FLS-N014-SSN-HO-05.00	5 micron filter, 1/4 NPT threads, semi-automatic drain
R432034673	MH1-FLS-N012-SSN-HO-05.00	5 micron filter, 1/2 NPT threads, semi-automatic drain
R432034653	MH1-FLS-G014-SSN-HO-05,00	5 micron filter, 1/4 BSPP threads, semi-automatic drain
R432034660	MH1-FLS-G012-SSN-HO-05,00	5 micron filter, 1/2 BSPP threads, semi-automatic drain
Coalescing Filters		
Part Number	Model Code	Description
R432034668	MH1-FLC-N014-SSN-HO-00.01	0.01 micron coalescing filter, 1/4 NPT, semi-auto drain
R432034674	MH1-FLC-N012-SSN-HO-00.01	0.01 micron coalescing filter, 1/2 NPT, semi-auto drain
R432034654	MH1-FLC-G014-SSN-HO-00,01	0.01 micron coalescing filter, 1/4 BSPP, semi-auto drain
R432034661	MH1-FLC-G012-SSN-HO-00,01	0.01 micron coalescing filter, 1/2 BSPP, semi-auto drain
Active Carbon Filters		
Part Number	Model Code	Description
R432034669	MH1-FLA-N014-SSN	Carbon filter, 1/4 NPT, no drain
R432034675	MH1-FLA-N012-SSN	Carbon filter, 1/2 NPT, no drain
R432034655	MH1-FLA-G014-SSN	Carbon filter, 1/4 BSPP, no drain
R432034662	MH1-FLA-G012-SSN	Carbon filter, 1/2 BSPP, no drain
Pressure Regulators (pressure gauge sold separately)		
Part Number	Model Code	Description
R432034664	MH1-RGS-N014-GAN-090	Pressure regulator, 1/4 NPT, no gauge, 130 PSI max set
R432034670	MH1-RGS-N012-GAN-090	Pressure regulator, 1/2 NPT, no gauge, 130 PSI max set
R432034650	MH1-RGS-G014-GAN-090	Pressure regulator, 1/4 BSPP, no gauge, 130 PSI max set
R432034657	MH1-RGS-G012-GAN-090	Pressure regulator, 1/2 BSPP, no gauge, 130 PSI max set
R432034685	MH1-RGS-G014-GAN-090-FOOD	Clean design pressure regulator, 1/4 BSPP (no gauge available)
R432034686	MH1-RGS-G012-GAN-090-FOOD	Clean design pressure regulator, 1/2 BSPP (no gauge available)
Filter-Regulator One-Piece Unit (pressure gauge sold separately)		
Part Number	Model Code	Description
R432034666	MH1-FRE-N014-GAN-090-SSN-HO-0500	Filter-regulator, 1/4 NPT, no gauge, 130 PSI max set, semi-auto
R432034672	MH1-FRE-N012-GAN-090-SSN-HO-0500	Filter-regulator, 1/2 NPT, no gauge, 130 PSI max set, semi-auto
R432034652	MH1-FRE-G014-GAN-090-SSN-HO-0500	Filter-regulator, 1/4 BSPP, no gauge, 130 PSI max set, semi-auto
R432034659	MH1-FRE-G012-GAN-090-SSN-HO-0500	Filter-regulator, 1/2 BSPP, no gauge, 130 PSI max set, semi-auto
Accessories		
Part Number	Model Code	Description
R432035768	GAUGE 1.5 IN 1/8 200 PSI SS	Pressure gauge, 304 Stainless steel, 1/8" NPT center back
R412010678	PG1-ROB-G018-SFB-D50-P0-12-PC	Pressure gauge, 304 SS, 1/8 BSPT center back, Poly lens
R412010679	PG1-ROB-G018-SFB-D50-P0-12-SG	Pressure gauge, 304 SS, 1/8 BSPT center back, Safety Glass lens
R432034656	MH1-MBR-X000-W02-MIN	Ring bracket for 1/4" regulators
R432034663	MH1-MBR-X000-W02-STD	Ring bracket for 1/2" regulators
R432034687	MH1-MBR-X000-W06-MIN	Mounting nut for 1/4" regulators
R432034688	MH1-MBR-X000-W06-STD	Mounting nut for 1/2" regulators

All metal components are 316 stainless unless noted in the description.

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