

High Flow Compressed Air Filters



Wilkerson designed and developed a series of filters to service demanding compressed air applications. This filter series expands the design choices in the medium to high flow ranges by offering threaded pipe connections between 1½" to 3". These rugged, high-flow particulate and coalescing filters are ideally suited for handling many dryer and main line filtration requirements. In addition, these filters are an excellent alternative to filters of fabricated construction when comparing flow capacities and cost.

- Heavy-duty cast aluminum housings to withstand operating pressures up to 300 psig.
- Differential pressure indicator to eliminate the guesswork of element replacement.
- Unique drain mounting plate design offers a trouble-free method for interchanging and installing external drains. The removable plates are drilled and tapped to accommodate ½" drain connections.
- High-flow filter elements: Particulate at 5 micron and Coalescing, 1 micron and 0.01 micron.
- Threaded port connections: 1½" to 3" NPT.

WILKERSON®

ORDERING INFORMATION

Rated Flow* Model No.	Port (SCFM)	Standard Drain Size	Replacement Configuration	Element
Particulate Filters –				
5 Micron ELEMENT, Type A				
F35-0A-000	1050	1½"	½" TAPPED PORT	FRP-95-505
F35-0B-000	1050	1½"	½" TAPPED PORT	FRP-95-505
F35-0B-F00	1050	1½"	INTERNAL FLOAT	FRP-95-505
F35-0B-H00	1050	1½"	½" TAPPED PORT	FRP-95-505
F35-0C-000	1160	2"	½" TAPPED PORT	FRP-95-505
F35-0C-F00	1160	2"	INTERNAL FLOAT	FRP-95-505
F35-0C-H00	1160	2"	½" TAPPED PORT	FRP-95-505
F36-0C-000	1180	2"	½" TAPPED PORT	FRP-95-506
F36-0C-H00	1180	2"	½" TAPPED PORT	FRP-95-506
F37-0C-000	1300	2"	½" TAPPED PORT	FRP-95-507
F37-0C-H00	1300	2"	½" TAPPED PORT	FRP-95-507
F43-0E-000	2300	3"	½" TAPPED PORT	FRP-95-508
F43-0E-H00	2300	3"	½" TAPPED PORT	FRP-95-508

COALESCING FILTERS, 1 Micron ELEMENT, Type B

M35-0B-FS0	330	1½"	INTERNAL FLOAT	MSP-95-502
M35-0B-S00	330	1½"	½" TAPPED PORT	MSP-95-502
M35-0C-FS0	340	2"	INTERNAL FLOAT	MSP-95-502
M35-0C-S00	340	2"	½" TAPPED PORT	MSP-95-502
M36-0C-S00	440	2"	½" TAPPED PORT	MSP-95-503
M37-0C-S00	650	2"	½" TAPPED PORT	MSP-95-504
M43-0E-S00	850	3"	½" TAPPED PORT	MSP-95-876
M45-0E-S00	1100	3"	½" TAPPED PORT	MSP-95-500

0.01 Micron ELEMENT, Type C

M35-0B-000	330	1½"	½" TAPPED PORT	MTP-95-502
M35-0B-F00	330	1½"	INTERNAL FLOAT	MTP-95-502
M35-0C-000	340	2"	½" TAPPED PORT	MTP-95-502
M35-0C-F00	340	2"	INTERNAL FLOAT	MTP-95-502
M36-0C-000	440	2"	½" TAPPED PORT	MTP-95-503
M37-0C-000	650	2"	½" TAPPED PORT	MTP-95-504
M43-0E-000	850	3"	½" TAPPED PORT	MTP-95-562
M45-0E-000	1100	3"	½" TAPPED PORT	MTP-95-500

ACTIVATED CHARCOAL ELEMENT - Type D, Vapor Removing

M35-0B-X00	520	1½"	½" TAPPED PORT	MXP-95-502
M35-0C-X00	540	2"	½" TAPPED PORT	MXP-95-502
M36-0C-X00	700	2"	½" TAPPED PORT	MXP-95-503
M37-0C-X00	820	2"	½" TAPPED PORT	MXP-95-504
M43-0E-X00	1260	3"	½" TAPPED PORT	MXP-95-565
M45-0E-X00	1485	3"	½" TAPPED PORT	MXP-95-500

* INLET PRESSURE 100 PSIG. 5 PSID PARTICULATE AND 1.5 PSID COALESCING FILTERS.

FOR HIGH PRESSURE OPTION ORDER WITH H00 SUFFIX (150-300 PSIG RANGE). H00 UNITS SUPPLIED WITHOUT DP2 INDICATOR OR AN AUTOMATIC MECHANICAL DRAIN. FOR 300 PSIG RATED DRAIN ORDER DRAIN PLATE KIT GRP-95-392 (¼" NPT) AND ELECTRIC DRAIN VALVE WDV3-M.

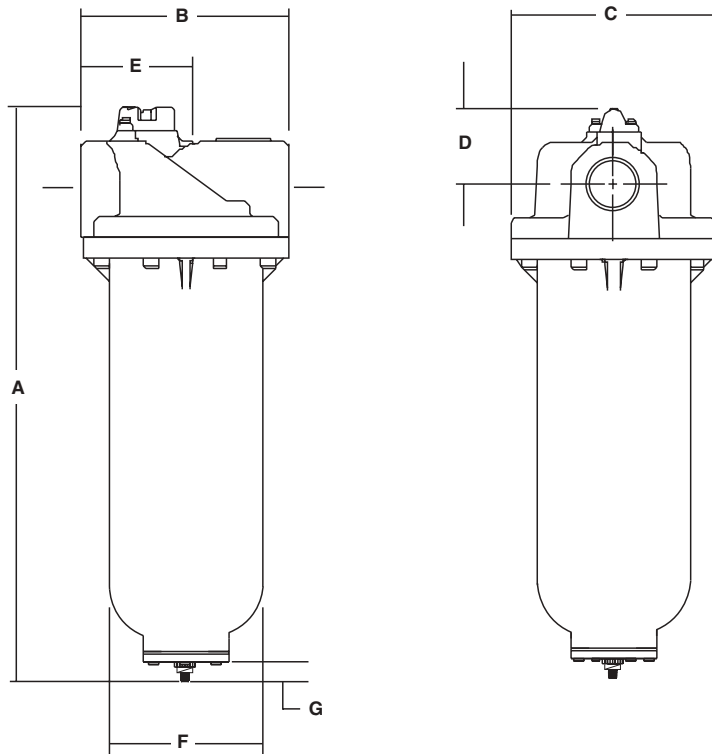
ACCESSORIES

DRAIN PLATE KIT (.56 DIA.)	GRP-95-391
DRAIN PLATE KIT (½" NPT)	GRP-95-393
O-RING KIT, 3X HEAD	GRP-95-291
O-RING KIT, 4X HEAD	GRP-95-290
INTERNAL FLOAT DRAIN MECHANISM (WITH VITON SEALS)	GRP-95-981
EXTERNAL AUTOMATIC DRAIN (INCLUDING GRP-95-981 ABOVE)	X02-XX-000

SEE WILKERSON COMPRESSED AIR TREATMENT CATALOG FOR ALL DRAIN OPTIONS

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DIMENSIONAL DRAWING



NOTE: Automatic internal float drain shown is included on F/M 35 filter with F00 suffix. All other models include drain plate with 1/2" NPT drain port standard.

Dimensions

Models	Inches mm	A	B	C	D	E	F	G
F/M 35		19.07	7.8	7.75	2.83	3.9	5.71	.55
		484	198	196	71	99	145	14
F/M 36		22.34	7.8	7.75	2.83	3.9	5.71	.55
		567	198	196	71	99	145	14
F/M 37		34.21	7.8	7.75	2.83	3.9	5.71	.55
		868	198	196	71	99	145	14
F/M 43		28.89	9.0	8.88	3.48	4.5	6.79	.55
		733	228	225	88	114	172	14
M45		35.45	9.0	8.88	3.48	4.5	6.79	.55
		900	228	225	88	114	172	14

Operating Conditions

Description

Particulate Filters

Maximum Temperature
150° F
300 PSIG without DP Indicator

Maximum Pressure
150 PSIG with DP indicator

Coalescing Filters

150° F
300 PSIG without DP Indicator

150 PSIG with DP indicator

Materials of Construction

Description

Body
Bowl
Deflector
Stud
Baffle
Element
Seals

Particulate Filters

Aluminum
Aluminum
Plated Steel
Plated Steel
Plated Steel
Polyethylene/Polypropylene
Fluorocarbon

Coalescing Filters

Aluminum
Aluminum
Plastic
Plated Steel
Aluminum
Borosilicate Glass Fibers
Fluorocarbon

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WILKERSON®

Wilkerson

Pneumatic Division

8676 E. M89

P.O. Box 901

Richland, MI 49083 USA

Customer/Technical Service

Tel: (269) 629-2550

Fax: (269) 629-2475

WDV3

Automatic Electrical Drain Valve

Designed to automatically drain large amounts of collected water, while minimizing air loss.



R40 REGULATOR

The R40 Regulator is a piston operated, high flow capacity regulator. It features a balanced valve design, is self-relieving and has two standard gauge ports.

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