

ZFF™

Flanged Compressed Air Filters
1,800 – 13,200 scfm



- *Designed For High Flow Applications*
- *Multiple Element Grades*
- *Unique Top-Load Design*
- *ASME Section VIII, Div. 1 Requirements*



ZFF *Flanged Compressed Air Filters*

1,800 – 13,200 scfm

ZEKS ZFF Flanged Filters are designed for high flow compressed air applications. When properly applied, ZFF Filters remove coalesced liquids, solids and/or vapors from compressed air. Removal of these contaminants improves the operation and performance of air tools and pneumatic equipment for increased production quality and efficiency.

ZFF Filter housings meet ASME Section VIII, Div. 1 requirements. The unique top-load design enables filter element changeout without removing the bottom of the housing. Not only does this feature facilitate changing of the filter elements, it also minimizes the clearance requirement below the housing.

To satisfy all compressed air filtration requirements, five different element grades are available for ZFF Filters:

GRADE P: PARTICULATE/BULK LIQUID FILTRATION

5 microns; 5 ppm oil carryover; .5 psi Δp clean & dry; 1 psi Δp saturated;
6 psi Δp recommended replacement

For removal of small particles and dirt, and for liquid coalescing. Also used where high concentrations of airborne dirt are present in the ambient air.

GRADE G: GENERAL PURPOSE FILTRATION

1 micron; .01 ppm oil carryover; 1 psi Δp clean & dry; 2 psi Δp saturated;
6 psi Δp recommended replacement

Coalescing/particulate filter used to protect pneumatic tools and actuators from dirt, oil, and dust. Element of choice for desiccant dryer afterfilter.

GRADE H: HIGH EFFICIENCY FILTRATION

.01 micron; .01 ppm oil carryover; 1.5 psi Δp clean & dry; 3 psi Δp saturated;
6 psi Δp recommended replacement

Used for fine coalescing and when removal of very small particles is required.

GRADE A: ACTIVATED CARBON FINISHING

.01 micron; .01 ppm oil carryover; 1 psi Δp clean & dry; NA psi Δp saturated;
NA psi Δp recommended replacement

For removal of vapors and odors. A .01 high efficiency (GRADE H) filter must be installed upstream of the the GRADE A filter. GRADE A elements must be replaced at 6 months or 4,000 hours, whichever is first.

HI-TEMP: HIGH TEMPERATURE FILTRATION

For all particulate filtration needs where compressed air temperature exceeds 250°F.

ZEKS offers a wide range of electronic and no-air loss drains for all ZFF filters. Contact your ZEKs Distributor for more information.

Specifications

Model	Flow Rate scfm	Connection In/Out	Element		Element Qty	Drain Port (In.)	Dimensions (In.)			Filter Weight
			Standard	HI-TEMP			A	B	C	
ZFF1800G	1800	4" FLG	EF600*	EFHT600G	3	1/2	37.0	19.0	9.25	168 lbs.
ZFF2400G	2400	4" FLG"	EF600*	EFHT600G	4	1/2	37.0	19.0	9.25	170 lbs.
ZFF3000G	3000	4" FLG"	EF600*	EFHT600G	5	1/2	37.0	22.0	10.37	208 lbs.
ZFF3600G	3600	6" FLG"	EF600*	EFHT600G	6	1/2	42.5	27.5	12.63	210 lbs.
ZFF4200G	4200	6" FLG"	EF600*	EFHT600G	7	1/2	42.5	27.5	12.63	316 lbs.
ZFF4800G	4800	6" FLG"	EF600*	EFHT600G	8	1/2	42.5	27.5	12.63	318 lbs.
ZFF6000G	6000	6" FLG"	EF600*	EFHT600G	10	1/2	42.5	27.5	12.63	320 lbs.
ZFF9000G	9000	8" FLG"	EF600*	EFHT600G	15	1/2	52.0	39.0	17.25	586 lbs.
ZFF13200G	13200	8" FLG"	EF600*	EFHT600G	22	1/2	52.0	39.0	17.25	600 lbs.

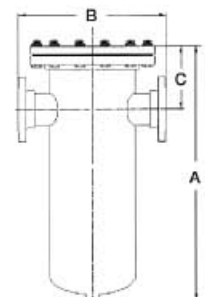
Where * is replaced by one of the following: P=Particulate; G=General Purpose; H=High Efficiency; A=Activated Carbon

Design Features

- 3-Color Differential Pressure Gauge
- 5 Element Grades For All Filtration Needs
- Unique Top-Load Design
- ASME Section VIII, Div. 1 Vessels



1302 Goshen Parkway
West Chester, PA 19380
Phone: 610-692-9100 800-888-2323
Fax: 610-692-9192
Web: www.zeks.com



Specifications, illustrative materials and descriptions contained herein were as accurate as known at the time this publication was approved for printing. The company reserves the right to change specifications, discontinue models, equipment or design without notice and without incurring obligation. The information set out in this brochure is for preliminary information only and is not intended to constitute any representation or warranty by ZEKs to potential customers or to form the basis of a contract with any customer.