



# PRO XF - Threaded

Redefining Compressed Air Filtration | Threaded Filters

Flow rates 700 scfm (1189 Nm<sup>3</sup>/hr) to 1500 scfm (2550 Nm<sup>3</sup>/hr)

**Walker Filtration has applied engineering expertise to create the highly innovative compressed air filter range, PRO XF.**

The PRO XF filter range is modular in design, providing technologically enhanced filter housings and elements that improve performance and offer reduced total cost of ownership. PRO XF Threaded filters offer 2", 2 1/2" and 3" BSPP and NPT connections.

PRO XF's unique, patent pending, endcap design directs air for enhanced flow and reduced differential pressure. Combined with high efficiency filtration media, PRO XF delivers optimum performance, meeting air quality standard ISO 8573-1 : 2010.

**30% cost saving on each Filter Module unit, when banked\***



#### Top Loading Design

Easy access to filter element via top endcap for quick and simple change out

#### Unique Filter Element

New endcap design enhances air flow and reduces differential pressure. (Patent Pending)

#### Modular Construction

Available in both Complete and Modular Filter housings

- **Modular Construction** Filters can be installed individually or banked together using slim-line connectors
- **Service Friendly** Top loading design makes access to the internal filter element quick and simple, eliminating the need to remove drain during element change out
- **Safe Handling** New 'Easy Grip' element minimises contact with contaminated filtration media for safe handling and quick, efficient filter element change out
- **High Efficiency** Custom engineered filtration media delivers optimum performance in line with air quality standard ISO 8573-1 : 2010
- **Flexible Installation** Floor mounting brackets available for all PRO XF filter housings and wall mounting brackets available for all threaded housings
- **Corrosion Protection** Internal and external EP coating
- **Externally accessible drain valve** Unique easy access drain can be removed externally and is supplied as standard on all models



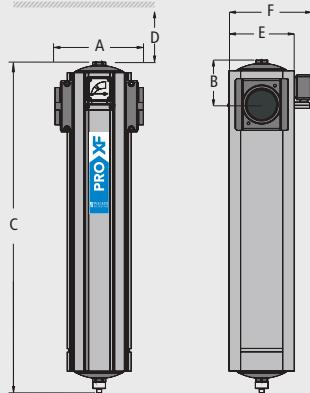
\* Cost saving based on equivalent sized Complete Filter Unit



## PRO XF Modular Filtration

# Technical Specification

### PRO XF Complete Filter



Model XF241 - XF371

Complete Filter	Pipe Size	Inlet flow rate*		Dimensions mm						Weight Kg	Element model	No. of elements
		Nm³/hr	SCFM	A	B	C	D	E	F			
<b>XF241 (grade)</b>	2"	1189	700	232	116	650	550	171	217	12.8	<b>E1142 (grade)</b>	1
<b>XF251 (grade)</b>	2 1/2"	1444	850	232	116	650	550	171	217	12.8	<b>E1142 (grade)</b>	1
<b>XF341 (grade)</b>	3"	1529	900	232	116	650	550	171	217	12.8	<b>E1142 (grade)</b>	1
<b>XF361 (grade)</b>	3"	2124	1250	232	116	870	750	171	217	16.5	<b>E1162 (grade)</b>	1
<b>XF371 (grade)</b>	3"	2550	1500	232	116	1027	950	171	217	19.0	<b>E1172 (grade)</b>	1

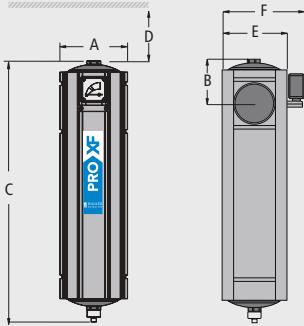
\*Rated flow at 7 barg, referenced conditions 1 barg (a) 20°C

### PRO XF Filter Module

Filter Module	Inlet flow rate*		Dimensions mm						Weight Kg	Element model	No. of elements
	Nm³/hr	SCFM	A	B	C	D	E	F			
<b>XFM041 (grade)</b>	1529	900	168	116	650	550	171	217	11.2	<b>E1142 (grade)</b>	1
<b>XFM061 (grade)</b>	2124	1250	168	116	870	750	171	217	14.9	<b>E1162 (grade)</b>	1
<b>XFM071 (grade)</b>	2550	1500	168	116	1027	950	171	217	17.4	<b>E1172 (grade)</b>	1

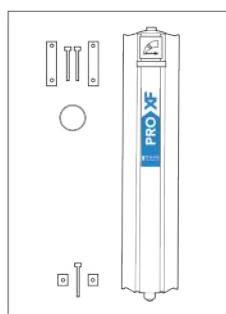
\*Rated flow at 7 barg, referenced conditions 1 barg (a) 20°C

### Multi-Banked Filtration Solution:



Model XFM041 - XFM071

Complete Filter  
eg. XF361XA



Filter Module  
eg. XFM061XA



Multi-Banked  
Filtration System

### Technical notes

1. Direction of air flow is inside to out through the filter element for Coalescing Filter grades X25 (25 Micron), X5 (5 Micron), X1 (1 Micron), XA (0.01 Micron), AC (0.01 Micron).
2. Direction of air flow is outside to in through the filter element for Particulate Filter grades RX25 (25 Micron), RX5 (5 Micron), RX1 (1 Micron), RXA (0.01 Micron), RAC (0.01 Micron).
3. Differential pressure indicators (65DPiG) fitted as standard to Complete Filters XF241 to XF371F and Filter Modules XFM041 to XFM071. AC filters do not include differential pressure equipment.
4. Activated Carbon Filters must not operate in oil saturated conditions and will not remove certain types of gases including carbon monoxide (CO) and carbon dioxide CO<sub>2</sub>.
5. Threaded connections are Rp (BSP parallel) to ISO 7/1 or NPT to ANSI B2.1 if supplied within North America. For NPT connections add the suffix 'N' e.g. XF241NXA.
6. Filter elements should be changed every 12 months/ 8000 hours (whichever comes first). Activated Carbon Filter elements should be changed every 6 months/ 1000 hours (whichever comes first).
7. 25, 5, 1 and 0.01 micron Coalescing Filters are fitted as standard with an external float operated automatic drain valve and operate at 16 barg (232 psig) at 80°C (176°F), 120°C (248°F) operating temperature available when supplied with a manual drain valve. Particulate Filters and Activated Carbon Filters are fitted with manual drain valves as standard.
8. Filter Modules are supplied without threaded connection ports and with one set of slim-line connectors to allow multi-banking of filter housings. A Complete Filter vessel or Water Separator must be purchased for multi-banking.
9. Floor mounting (XFMBK2) brackets available for all models. Wall mounting brackets (XFMBK1) available for Complete Filters XF241 to XF371, Filter Modules XFM041 to XFM071, and Water Separators XF200WS to XF300WS. See price guide for further information.



THE QUEEN'S AWARDS  
FOR ENTERPRISE:  
INNOVATION  
2016



MEMBER OF  
**CAGI**  
Compressed Air & Gas Institute



**Walker Filtration Ltd**  
Birtley Road, Washington,  
Tyne & Wear, NE38 9DA,  
United Kingdom.  
t: +44 (0) 191 417 7816  
f: +44 (0) 191 415 3748  
e: sales@walkerfiltration.co.uk  
www.walkerfiltration.com

**Walker Filtration Inc**  
4748 Pacific Avenue,  
Erie, PA 16506,  
USA.  
t: +1 814 836 2900  
f: +1 814 836 7921  
e: usa@walkerfiltration.com  
www.walkerfiltration.com

**Walker Filtration PTY Ltd**  
16-18 Linden Court,  
Tullamarine, Victoria, 3043,  
Australia.  
t: +61 (0) 3 9330 4144  
f: +61 (0) 3 9330 4177  
e: sales@walkerfiltration.com.au  
www.walkerfiltration.com.au

**Walker Filtration Ltd Japan**  
Hulic Gaienmae Building, 2nd Floor  
2-7-26 KitaAoyama, MinatoKu  
Tokyo, 107-0061, Japan.  
t: +81 (0) 3 6890 6911  
f: +81 (0) 3 6685 2974  
e: japan@walkerfiltration.com  
www.walkerfiltration.com