



High Pressure Filter 110 – 2500 m3/h

The Ingersoll Rand High Pressure advanced compressed air filters reduce contamination to help protect critical processes and valuable equipment. The strong mechanical resistance makes these filters the ideal protection for high-pressure compressed air systems. Rigorously tested and engineered with superior components, these filters provide years of reliable performance and consistently high quality air.



Features

- **Reliable Operation:** withstands high pressure up to 45bar to match with the dryer max pressure
- **Wide application versatility:** compatible with a wider range of connection sizes from 3/8" to 1"1/2
- **Superior performance:** highly effective for a variety of filtration grades including – activated carbon, dust, general purpose and high efficiency

Model Specifications

Activated carbon

FILTERMODEL	FILTERCPN	m3/h	SCFM	l/min	Connections[Inches]	Height [mm]	Width [mm]	Weight [kg]	PEDCategory	Fluid group	Max Working pressure[bar]	Max Working temp [°C]	Grade of filtration
F110IAHP	47818085001	110	65	1833	3/8 BSPP	194	94	1.35	art.4.3	2	45	100	Activated Carbon
F215IAHP	47818089001	215	127	3583	1/2 BSPP	194	94	1.4	art.4.3	2	45	100	Activated Carbon<
F435IAHP	47818093001	435	256	7250	3/4 BSPP	256	94	1.5	art.4.3	2	45	100	Activated Carbon
F750IAHP	47818097001	750	441	12500	1 BSPP	358	120	3.1	cat.I	2	45	100	Activated Carbon
F1500IAHP	47818101001	1500	883	25000	1 BSPP	358	120	3.1	cat.I	2	45	100	Activated Carbon
F2500IAHP	47818105001	2500	1472	41667	1 1/2 BSPP	358	120	3.3	cat.I	2	45	100	Activated Carbon

Dust

FILTERMODEL	FILTERCPN	m3/h	SCFM	l/min	Connections[Inches]	Height [mm]	Width [mm]	Weight [kg]	PEDCategory	Fluid group	Max Working pressure[bar]	Max Working temp [°C]	Grade of filtration
F110IDHP	47818082001	110	65	1833	3/8 BSPP	194	94	1.35	art.4.3	2	45	100	Dust
F215IDHP	47818086001	215	127	3583	1/2 BSPP	194	94	1.4	art.4.3	2	45	100	Dust
F435IDHP	47818090001	435	256	7250	3/4 BSPP	256	94	1.5	art.4.3	2	45	100	Dust
F750IDHP	47818094001	750	441	12500	1 BSPP	358	120	3.1	cat.I	2	45	100	Dust
F1500IDHP	47818098001	1500	883	25000	1 BSPP	358	120	3.1	cat.I	2	45	100	Dust
F2500IDHP	47818102001	2500	1472	41667	1 1/2 BSPP	358	120	3.3	cat.I	2	45	100	Dust

General purpose

FILTERMODEL	FILTERCPN	m3/h	SCFM	l/min	Connections[Inches]	Height [mm]	Width [mm]	Weight [kg]	PEDCategory	Fluid group	Max Working pressure[bar]	Max Working temp [°C]	Grade of filtration
F110IGHP	47818083001	110	65	1833	3/8 BSPP	194	94	1.35	art.4.3	2	45	100	General purpose
F215IGHP	47818087001	215	127	3583	1/2 BSPP	194	94	1.4	art.4.3	2	45	100	General purpose<
F435IGHP	47818091001	435	256	7250	3/4 BSPP	256	94	1.5	art.4.3	2	45	100	General purpose
F750IGHP	47818095001	750	441	12500	1 BSPP	358	120	3.1	cat.I	2	45	100	General purpose
F1500IGHP	47818099001	1500	883	25000	1 BSPP	358	120	3.1	cat.I	2	45	100	General purpose
F2500IGHP	47818103001	2500	1472	41667	1 1/2 BSPP	358	120	3.3	cat.I	2	45	100	General purpose

High efficiency

FILTERMODEL	FILTERCPN	m3/h	SCFM	l/min	Connections[Inches]	Height [mm]	Width [mm]	Weight [kg]	PEDCategory	Fluid group	Max Working pressure[bar]	Max Working temp [°C]	Grade of filtration
F110IHHP	47818084001	110	65	1833	3/8 BSPP	194	94	1.35	art.4.3	2	45	100	High efficiency
F215IHHP	47818088001	215	127	3583	1/2 BSPP	194	94	1.4	art.4.3	2	45	100	High efficiency<
F435IHHP	47818092001	435	256	7250	3/4 BSPP	256	94	1.5	art.4.3	2	45	100	High efficiency
F750IHHP	47818096001	750	441	12500	1 BSPP	358	120	3.1	cat.I	2	45	100	High efficiency
F1500IHHP	47818100001	1500	883	25000	1 BSPP	358	120	3.1	cat.I	2	45	100	High efficiency
F2500IHHP	47818104001	2500	1472	41667	1 1/2 BSPP	358	120	3.3	cat.I	2	45	100	High efficiency



About Ingersoll Rand Inc. Ingersoll Rand Inc. (NYSE:IR) driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit www.IRCO.com.