ALFA BASINÇLI HAVA SİSTEMLERİ VE MÜHENDİSLİK SANAYİ TİCARET LİMİTED ŞİRKETİ

AIRMASTER F SERIES COMPRESSED AIR FILTERS:

In accordance with ISO- 8573.1: 2010, every compressed air system needs a particular class of air quality. Airmaster manufactures 5 major series of compressed air filters with different norms and offers compressed air filtration solutions for the critical processes with various filter combinations.

Airmaster OF Series:

- General Purpose Filter - Pre-filtering
- Particle Filtration: Up to 3 microns diameter

Airmaster SF Series:

- General Purpose Filter - Dryer Inlet Filter
- Particle Filtration: Up to 0,1 microns diameter
- Oil Vapor Filtration: 0,1mg/m3 at 20ºC reference temperature

Airmaster PF Series:

- Fine Filter - Dryer Outlet Filter
- Particle Filtration: Up to 0,01 microns diameter
- Oil Vapor Filtration: 0,01mg/m3 at 20ºC reference temperature

Airmaster CF Series:

- Active Carbon Filter
- Odor Filtering - Only used in combination with PF Series
- Oil Vapor Filtration: 0,01mg/m3 at 20ºC reference temperature

Airmaster SCF Series:

- Fine Filter
- Particle Filtration: Up to 0,01 microns diameter
- Oil Vapor Filtration: 0,01mg/m3 at 20ºC reference temperature

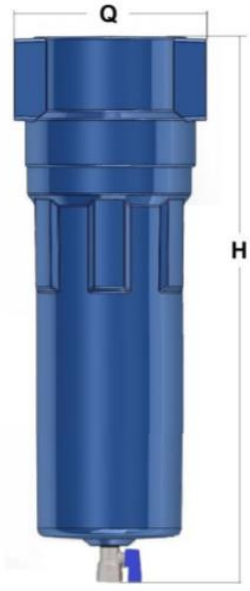
AIRMASTER COMPRESSED AIR FILTER SPECIFICATIONS

FILTER MODEL	FILTER CAPACITY		CONNECTION	WORKING TEMP.		WORKING PRES.		FILTER ELEMENT CHANGE		
	M3/Hr	Lt / Min		MAX.	MIN.	MAX.	MIN.	MODEL	Hour	ΔP(bar)
F014	87	1.450	1/2"	80 C°	2 C°	16 Bar	2 Bar	EF014	3.500	0,7
F018	108	1.800	3/4"	80 C°	2 C°	16 Bar	2 Bar	EF018	3.500	0,7
F030	180	3.000	1"	80 C°	2 C°	16 Bar	2 Bar	EF030	3.500	0,7
F040	240	4.000	1"	80 C°	2 C°	16 Bar	2 Bar	EF040	3.500	0,7
F060	360	6.000	1 1/2"	80 C°	2 C°	16 Bar	2 Bar	EF060	3.500	0,7
F075	450	7.500	1 1/2"	80 C°	2 C°	16 Bar	2 Bar	EF075	3.500	0,7
F110	660	11.000	1 1/2"	80 C°	2 C°	16 Bar	2 Bar	EF110	3.500	0,7
F160	900	15.000	2"	80 C°	2 C°	16 Bar	2 Bar	EF160	3.500	0,7
F210	1200	20.000	2"	80 C°	2 C°	16 Bar	2 Bar	EF210	3.500	0,7
F300	1800	30.000	3"	80 C°	2 C°	16 Bar	2 Bar	EF300	3.500	0,7
F400	2400	40.000	3"	80 C°	2 C°	16 Bar	2 Bar	EF400	3.500	0,7
F500	3000	50.000	3"	80 C°	2 C°	16 Bar	2 Bar	EF500	3.500	0,7

CORRECTION FACTOR	0,5	0,72	0,87	**1**	1,06	1,12	1,22	1,32	1,44
BAR	1	3	5	**7**	8	9	11	13	15
PSI	15	44	73	**100**	116	131	160	189	218

AIRMASTER	ELEMENT TYPE / ELEMENT DEFINITION	UNIT	OF GRADE Prefilter	SF GRADE General Purpose Filter	PF GRADE Fine Filter	CF GRADE Active Carbon Filter	SCF GRADE Sterile Filter
	Partical Removal	micron	3	0,1	0,01	-	0,01
	Max Oil Carryover at 21 C°	mg/m3	-	0,1	0,01	0,003	0,01
	Initial Pressure Loss (New&Dry)	mbar	35	60	80	60	80
	Pressure Loss for Element Change	mbar	700	700	700	6 months	6 months

DIMENSIONS & WEIGHTS

FILTER MODEL	FILTER CAPACITY		CONNECTION	Q (mm)	H (mm)	Weight (kg)
	M3/Hr	Lt / Min				
F014	87	1.450	1/2"	95	275	1,240
F018	108	1.800	3/4"	95	275	1,322
F030	180	3.000	1"	120	300	2,155
F040	240	4.000	1"	120	300	2,214
F060	360	6.000	1 1/2"	120	400	2,396
F075	450	7.500	1 1/2"	120	400	2,416
F110	660	11.000	1 1/2"	120	565	4,100
F160	900	15.000	2"	175	570	6,998
F210	1200	20.000	2"	175	695	8,274
F300	1800	30.000	3"	210	655	9,188
F400	2400	40.000	3"	210	815	10,980
F500	3000	50.000	3"	210	980	12,366

* Dimensions and weight of the filters refer to the std. models with manual drain and without Diff.Press.Gauge