



**DRYER - FILTER - TANK
SERIES**

GREEN ENERGY LOVE THE EARTH

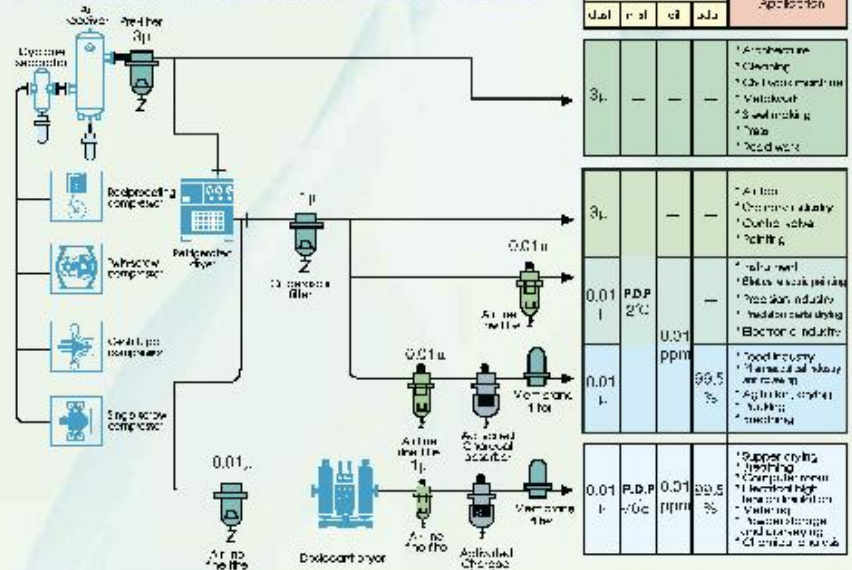


Technical Data

Type	FR 005AP	FR 010AP	FR 015AP	FR 020AP	FR 030APX	FR 040APX	FR 050APX	FR 060APX	FR 075APX	FR 100APX	FR 125APX	FR 150APX	FR 175APX	FR 200APX	FR 250APX	FR 300APX
Max. capacity (m ³ /min)	0.83	1.4	1.8	2.7	3.7	5.4	7.2	8.5	11.1	15	18.8	22.3	26	29.7	35.6	44.4
Air inlet temp	50°C (Max. 80°C) (Capacity varies with different temperature)															
Environment temp	32°C (Max. 40°C) (Capacity varies with different temperature)															
Dew point	Dew point 2 ~ 10°C at 7kg/cm ² G															
Operating pressure	7kg/cm ² G (Capacity varies with different pressure), Max. Pressure : 10kg/cm ² G (Higher pressure available upon request)															
Refrigerant	R - 134A								R - 407C							
Power consumption (KW)	0.4	0.5	0.8	0.8	1.3	1.6	1.8	1.5	2.1	2.58	3.32	4.22	5.2	5.7	7.1	8.4
Power supply	Single phase 220V ~ 230V 50Hz									3 - phase 380V, 415V, 50Hz						
Air piping size	G1/2"	G1"	G1"	G1 1/4"	G1 1/2"	G1 1/2"	G2"	G2"	G2"	G2"	DN80	DN80	DN80	DN100	DN100	DN125
Dimension (mm)	H	460	720	720	750	900	900	900	1130	1130	1130	1290	1290	1290	1290	1760
	W	380	490	490	490	600	600	600	940	940	940	1070	1070	1070	1070	1350
	L	550	730	730	820	1070	1070	1070	1220	1500	1700	1700	1900	1900	2200	2200
Net weight (Kg)	56	68	75	90	140	140	150	180	315	365	415	460	530	590	600	900



DIAGRAM FOR USING AIR COMPRESSOR



FUSHENG AIR RECEIVERS

- Receiver volume is manufactured by customer's demand.
- Type:
Horizontal, Vertical
- Working with high pressure. 100% pressure test.
- To manufacture according to the standard of:
ASME, TCVN, CNS



Technical Data

Parameter	Volume	Volume																			
		0.304m ³		0.66m ³		1 m ³		1.3m ³		1.5m ³		2m ³		3m ³		5m ³		6m ³		8m ³	
Diameter	mm	Ø485/Ø490		Ø 780		Ø 975		Ø 975		Ø 975		Ø 1160		Ø 1160		Ø 1455		Ø1600		Ø 1600	
Height	mm	1760		1560		1550		1880		2260		2160		3160		3340		3345		4370	
Max pressure	kg/cm ²	10	13.5	10	16	10	14	10	14	10	10	14	10	14	10	10	10	10	10	10	10
Working pressure	kg/cm ²	<=9	<=12	<=9	<=12	=9	<=12	<=9	<=12	<=9	=9	<=12	<=9	<=12	<=9	<=9	<=9	<=9	<=9	<=9	<=9
Max temperature	°C	100		100		100		100		100		100		100		100		100		100	
Outlet dimension	Inch	1-1/2"		2"		2"		2"		2"		3"		3"		4"		4"		4"	
Inlet dimension	inch	1-1/2"		2"		2"		2"		2"		3"		3"		4"		4"		4"	
Weight	kg	107	133	250	415	440	550	505	630	585	740	1070	970	1440	2128	2235	2235	2235	2750	2750	2750

FILTER TECHNICAL INFORMATION

GENERAL INFORMATION

Filter Grade	Particle removal Down To	Oil Removal Down To (*)	Nominal Initial Pressure Drop
P	3 μ	--	0.03 bar g
U	1 μ	0.5 mg/m ³	0.06 bar g
H	0.01 μ	0.01 mg/m ³	0.09 bar g
C	--	0.003 mg/m ³	0.10 bar g

Max num recommended operating temperature of 80 degree Celsius
 Minimum recommended operating temperature 1 degree Celsius
 Max num recommended operating pressure of 16 bar
 Max num recommended pressure differential for element change is 0.6 bar.(Except Grade C)
 Material for G-Type filters is aluminum
 Filters come complete with autodrain. Gauges are optional

(*) Referred to 7 bar and 20 Degree Celsius

Technical Data

Filter Model	Pipe Conn	Capacity At 7 (kg / cm ²) Gauge Pressure		Max Oper Pressure (kg / cm ²)	Approx. Weight (kg)	Dimensions (mm)				Replacement Element Model
		(m ³ /min)	cfm			A	B	C	D	
T5	G1/2	0.86	23	16	1.34	85	154	24	60	AET5
T10	G1/2	1.32	47	16	1.46	85	185	24	90	AET10
T15	G3/4	1.98	70	16	1.72	85	255	24	90	AET15
T20	G1	3.30	116	16	4.10	132	285	43	135	AET20
T40	G1 1/2	5.70	201	16	4.52	132	385	43	235	AET40
T60	G1 1/2	9.00	318	16	5.01	132	485	43	335	AET60
T75	G1 1/2	13.32	470	16	7.46	132	685	43	525	AET75
T125	G2	17.46	616	16	12.00	161	687	55	520	AET125
T175	G2 1/2	21.16	923	16	14.97	161	930	55	770	AET175
T250	G3	37.50	1324	12	30.95	252	905	79	610	AET250
T300	G3	46.62	1645	12	32.99	252	1057	79	760	AET300

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