

Compressed Air Interchangeable Elements Walker Filtration

Engineering Data Sheet



Description

The Par<>Fit design offers a comprehensive range of interchangeable filter elements from Parker, one of the world's leading manufacturer of compressed air treatment equipment with worldwide availability. Latest technologies, exceeding quality and service provide reliable performance, matching yet often surpassing the efficiency of original equipment manufacturer's elements.

Area of Application

Element Grade	Area of Application
X1 / X5 / X25	High-capacitive coalescing depth filtration by two-layered pleated filter fabric for general purpose separation of solid and liquid particulate.
XA	High-capacitive coalescing depth filtration by two-layered pleated filter fabric for general purpose separation of solid and liquid particulate.
AC	Adsorptive separation of oil vapours and odours by pleated filter fabric.

Calculated Performance Criteria

Criteria according to:	X1 / X5 / X25	XA	AC
Flow medium			
Flow direction			
Operating temperature	1.5 - 80°C	1.5 - 80°C	1.5 - 40°C
Generic fineness	< 1 µm	< 0.01 µm	n/a
Differential pressure - dry	75 mbar / 40 mbar / 30 mbar	100 mbar	75 mbar
Differential pressure - wet	150 mbar / 75 mbar / 50 mbar	250 mbar	n/a
Residual aerosol concentration	< 0.5 mg/m ³	< 0.01 mg/m ³	n/a
Residual oil concentration	n/a	n/a	< 0.003 mg/m ³

Materials of Construction

Criteria according to:	X1 / X5 / X25	XA	AC
Filter media	Borosilicate glass fibre		
Support cylinders	Galvanised perforated steel		Stainless perforated steel
End caps	Glass filled nylon		
Seals	High nitrile rubber		
Anti re-entrainment barrier	Polyester		
Adhesive	Two part polyurethane resin		

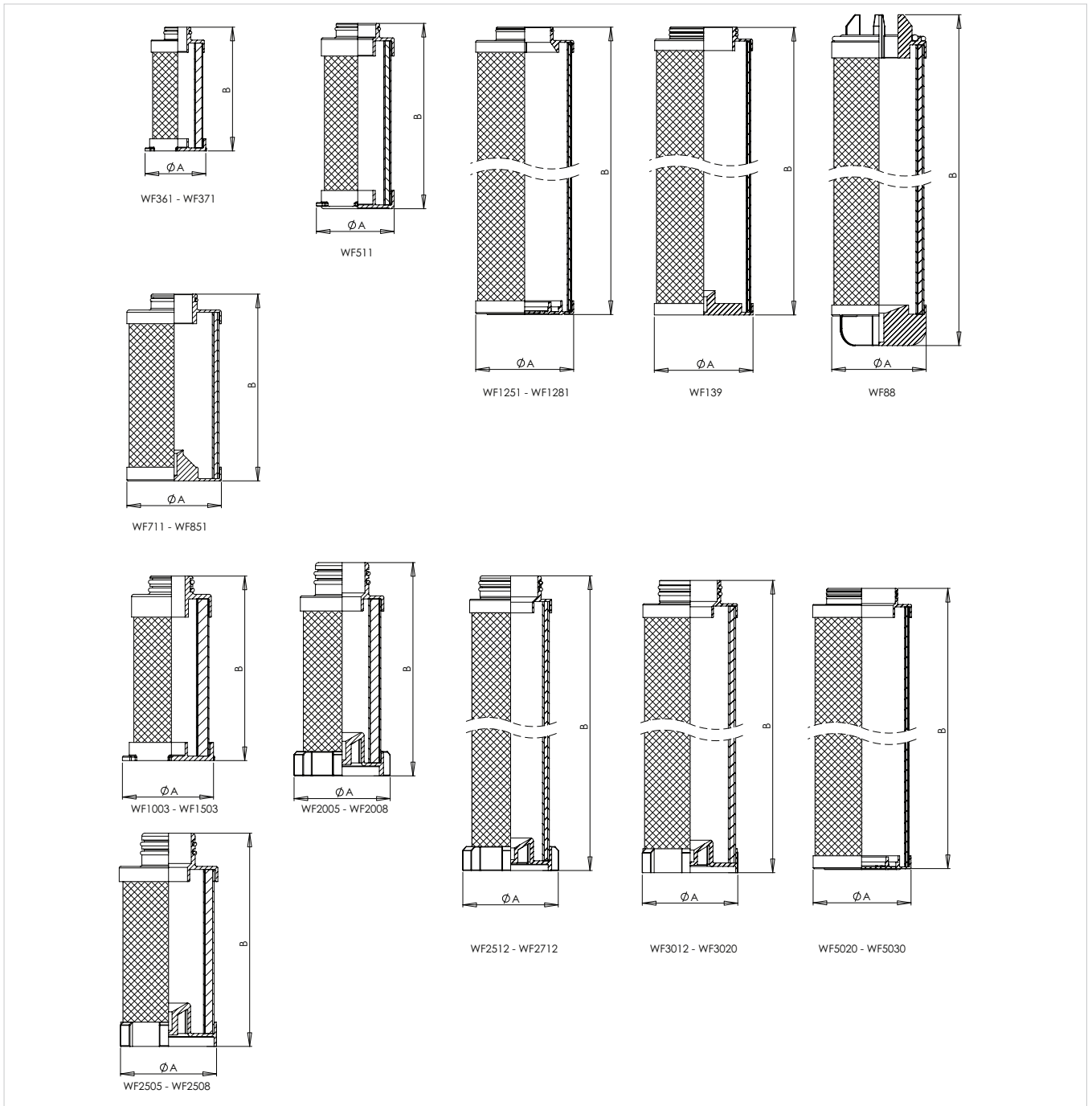
Cross-References

OEM Ref.	PAR<->FIT Ref.	Qty	OEM Ref.	PAR<->FIT Ref.	Qty	OEM Ref.	PAR<->FIT Ref.	Qty
Activated Carbon Elements								
E1003AC	PR1962680	1	E3020AC	PR1962689	1	HP2080AC	PR1962744	1
E103AC	PR1962877	1	E5020AC	PR1962690	1	HP2512AC	PR1962746	1
E123AC	PR1962878	1	E5024AC	PR1962691	1	HP2520AC	PR1962747	1
E125AC	PR1962879	1	E5030AC	PR1962692	1	HP2540AC	PR1962743	1
E1261AC	PR1962400	1	E50AC	PR1962870	1	HP2580AC	PR1962745	1
E1281AC	PR1962410	1	E511AC	PR1962320	1	HP260AC	PR1962908	1
E128AC	PR1962883	1	E51AC	PR1962871	1	HP310AC	PR1962909	1
E134AC	PR1962880	1	E52AC	PR1962872	1	E1251AC	PR1962390	1
E135AC	PR1962881	1	E71AC	PR1962873	1	E127AC	PR1962882	1
E137AC	PR1962887	1	E731AC	PR1962350	1	E361AC	PR1962300	1
E139AC	PR1962420	1	E73AC	PR1962875	1	E371AC	PR1962310	1
E1503AC	PR1962681	1	E81AC	PR1962874	1	E381AC	PR1962500	1
E2005AC	PR1962682	1	E83AC	PR1962876	1	E711AC	PR1962330	1
E2008AC	PR1962684	1	E86AC	PR1962885	1	E811AC	PR1962340	1
E2505AC*	PR1962683	1	E87AC	PR1962886	1	E821AC	PR1962360	1
E2508AC	PR1962685	1	E88AC	PR1962430	1	E830AC	PR1962884	1
E2512AC	PR1962686	1	HP1535AC	PR1962740	1	E831AC	PR1962370	1
E2712AC	PR1962687	1	HP1550AC	PR1962741	1	E851AC	PR1962380	1
E3012AC	PR1962688	1	HP2040AC	PR1962742	1			
General Purpose Elements								
E1003X1	PR1962640	1	E3012X25	PR1962608	1	HP2080X25	PR1962704	1
E1003X25	PR1962600	1	E3012X5	PR1962628	1	HP2080X5	PR1962714	1
E1003X5	PR1962620	1	E3020X1	PR1962649	1	HP2512X1	PR1962726	1
E103X25	PR1962797	1	E3020X25	PR1962609	1	HP2512X25	PR1962706	1
E103X5	PR1962817	1	E3020X5	PR1962629	1	HP2512X5	PR1962716	1
E123X25	PR1962798	1	E361X25	PR1961500	1	HP2520X1	PR1962727	1
E123X5	PR1962818	1	E361X5	PR1961700	1	HP2520X25	PR1962707	1
E1251X25	PR1961590	1	E371X1	PR1961910	1	HP2520X5	PR1962717	1
E125X25	PR1962799	1	E371X25	PR1961510	1	HP2540X1	PR1962723	1
E1261X25	PR1961600	1	E371X5	PR1961710	1	HP2540X25	PR1962703	1
E1261X5	PR1961800	1	E5020X1	PR1962650	1	HP2540X5	PR1962713	1
E127X25	PR1962802	1	E5020X25	PR1962610	1	HP2580X1	PR1962725	1
E127X5	PR1962822	1	E5020X5	PR1962630	1	HP2580X25	PR1962705	1
E1281X1	PR1962010	1	E5024X1	PR1962651	1	HP2580X5	PR1962715	1
E1281X25	PR1961610	1	E5024X25	PR1962611	1	HP260X1	PR1962904	1
E1281X5	PR1961810	1	E5024X5	PR1962631	1	HP260X25	PR1962900	1
E128X1	PR1962843	1	E5030X1	PR1962652	1	HP260X5	PR1962902	1
E128X25	PR1962803	1	E5030X25	PR1962612	1	HP310X1	PR1962905	1
E128X5	PR1962823	1	E5030X5	PR1962632	1	HP310X25	PR1962901	1
E134X1	PR1962840	1	E50X1	PR1962830	1	HP310X5	PR1962903	1
E134X25	PR1962800	1	E50X25	PR1962790	1	E103X1	PR1962837	1
E134X5	PR1962820	1	E50X5	PR1962810	1	E123X1	PR1962838	1
E135X1	PR1962841	1	E511X25	PR1961520	1	E1251X1	PR1961990	1
E135X25	PR1962801	1	E51X25	PR1962791	1	E1251X5	PR1961790	1
E135X5	PR1962821	1	E51X5	PR1962811	1	E125X1	PR1962839	1
E137X1	PR1962847	1	E52X25	PR1962792	1	E125X5	PR1962819	1
E137X25	PR1962807	1	E711X25	PR1961530	1	E1261X1	PR1962000	1
E137X5	PR1962827	1	E71X25	PR1962793	1	E127X1	PR1962842	1

OEM Ref.	PAR<>FIT Ref.	Qty	OEM Ref.	PAR<>FIT Ref.	Qty	OEM Ref.	PAR<>FIT Ref.	Qty
E138X1	PR1962848	1	E71X5	PR1962813	1	E361X1	PR1961900	1
E138X25	PR1962808	1	E731X25	PR1961550	1	E511X1	PR1961920	1
E138X5	PR1962828	1	E73X25	PR1962795	1	E511X5	PR1961720	1
E139X1	PR1962020	1	E81X25	PR1962794	1	E51X1	PR1962831	1
E139X25	PR1961620	1	E81X5	PR1962814	1	E52X1	PR1962832	1
E139X5	PR1961820	1	E821X25	PR1961560	1	E52X5	PR1962812	1
E1503X1	PR1962641	1	E830X1	PR1962844	1	E711X1	PR1961930	1
E1503X25	PR1962601	1	E830X25	PR1962804	1	E711X5	PR1961730	1
E1503X5	PR1962621	1	E830X5	PR1962824	1	E71X1	PR1962833	1
E2005X1	PR1962642	1	E831X25	PR1961570	1	E731X1	PR1961950	1
E2005X25	PR1962602	1	E83X1	PR1962836	1	E731X5	PR1961750	1
E2005X5	PR1962622	1	E83X25	PR1962796	1	E73X1	PR1962835	1
E2008X1	PR1962644	1	E83X5	PR1962816	1	E73X5	PR1962815	1
E2008X25	PR1962604	1	E851X25	PR1961580	1	E811X1	PR1961940	1
E2008X5	PR1962624	1	E86X25	PR1962805	1	E811X25	PR1961540	1
E2505X1	PR1962643	1	E87X25	PR1962806	1	E811X5	PR1961740	1
E2505X25	PR1962603	1	E87X5	PR1962826	1	E81X1	PR1962834	1
E2505X5	PR1962623	1	E88X25	PR1961630	1	E821X1	PR1961960	1
E2508X1	PR1962645	1	HP1535X1	PR1962720	1	E821X5	PR1961760	1
E2508X25	PR1962605	1	HP1535X25	PR1962700	1	E831X1	PR1961970	1
E2508X5	PR1962625	1	HP1535X5	PR1962710	1	E831X5	PR1961770	1
E2512X1	PR1962646	1	HP1550X1	PR1962721	1	E851X1	PR1961980	1
E2512X25	PR1962606	1	HP1550X25	PR1962701	1	E851X5	PR1961780	1
E2512X5	PR1962626	1	HP1550X5	PR1962711	1	E86X1	PR1962845	1
E2712X1	PR1962647	1	HP2040X1	PR1962722	1	E86X5	PR1962825	1
E2712X25	PR1962607	1	HP2040X25	PR1962702	1	E87X1	PR1962846	1
E2712X5	PR1962627	1	HP2040X5	PR1962712	1	E88X1	PR1962030	1
E3012X1	PR1962648	1	HP2080X1	PR1962724	1	E88X5	PR1961830	1
High Efficiency Elements								
E1003XA	PR1962660	1	E5020XA	PR1962670	1	E1251XA	PR1962190	1
E125XA	PR1962859	1	E5024XA	PR1962671	1	E1261XA	PR1962200	1
E1281XA	PR1962210	1	E5030XA	PR1962672	1	E127XA	PR1962862	1
E128XA	PR1962863	1	E50XA	PR1962850	1	E361XA	PR1962100	1
E134XA	PR1962860	1	E830XA	PR1962864	1	E511XA	PR1962120	1
E135XA	PR1962861	1	E83XA	PR1962856	1	E51XA	PR1962851	1
E137XA	PR1962867	1	E851XA	PR1962180	1	E52XA	PR1962852	1
E138XA	PR1962868	1	HP1535XA	PR1962730	1	E711XA	PR1962130	1
E139XA	PR1962220	1	HP1550XA	PR1962731	1	E71XA	PR1962853	1
E1503XA	PR1962661	1	HP2040XA	PR1962732	1	E731XA	PR1962150	1
E2005XA	PR1962662	1	HP2080XA	PR1962734	1	E73XA	PR1962855	1
E2008XA	PR1962664	1	HP2512XA	PR1962736	1	E811XA	PR1962140	1
E2505XA	PR1962663	1	HP2520XA	PR1962737	1	E81XA	PR1962854	1
E2508XA	PR1962665	1	HP2540XA	PR1962733	1	E821XA	PR1962160	1
E2512XA	PR1962666	1	HP2580XA	PR1962735	1	E831XA	PR1962170	1
E2712XA	PR1962667	1	HP260XA	PR1962906	1	E86XA	PR1962865	1
E3012XA	PR1962668	1	HP310XA	PR1962907	1	E87XA	PR1962866	1
E3020XA	PR1962669	1	E103XA	PR1962857	1	E88XA	PR1962230	1
E371XA	PR1962110	1	E123XA	PR1962858	1			

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Weights and Dimensions



OEM Size	Dimension mm (ins)						Weight	
	A		B		C		kg	lbs
	mm	ins	mm	ins	mm	ins		
E1003 [Grade] *	83	3.3	43	1.7	18.8 OD	0.7 OD	0.04	0.1
E103 [Grade] *	357	14.1	99	3.9	61 ID	6.4 ID	0.65	1.4
E123 [Grade] *	357	14.1	129	5.1	61 ID	6.4 ID	1.05	2.3
E125 [Grade] *	497	19.6	129	5.1	61 ID	6.4 ID	1.39	3.1
E1261 [Grade] *	633	24.9	129	5.1	75 OD	3.0 OD	1.61	3.5
E1281 [Grade] *	781	30.7	129	5.1	75 OD	3.0 OD	2.06	4.5
E128 [Grade] *	765	30.1	129	5.1	89 ID	3.5 ID	2.06	4.5
E134 [Grade] *	374	14.7	129	5.1	75 OD	3.0 OD	1.05	2.3
E135 [Grade] *	514	20.2	129	5.1	75 OD	3.0 OD	1.39	3.1

OEM Size	Dimension mm (ins)						Weight	
	A		B		C		kg	lbs
	mm	ins	mm	ins	mm	ins		
E137 [Grade] *	617	24.3	129	5.1	89 OD	3.5 OD	1.61	3.5
E139 [Grade] *	780	30.7	129	5.1	89 OD	3.5 OD	2.06	4.5
E1503 [Grade] *	83	3.3	43	1.7	18.8 OD	0.7 OD	0.04	0.1
E2005 [Grade] *	142	5.6	68	2.7	35.1 OD	1.4 OD	0.13	0.3
E2008 [Grade] *	227	8.9	68	2.7	35.1 OD	1.4 OD	0.16	0.4
E2505 [Grade] *	142	5.6	68	2.7	35.1 OD	1.4 OD	0.15	0.3
E2508 [Grade] *	227	8.9	68	2.7	35.1 OD	1.4 OD	0.25	0.6
E2512 [Grade] *	327	12.9	90	3.5	53.8 OD	2.1 OD	0.39	0.9
E2712 [Grade] *	327	12.9	90	3.5	53.8 OD	2.1 OD	0.39	0.9
E3012 [Grade] *	327	12.9	90	3.5	53.8 OD	2.1 OD	0.45	1.0
E3020 [Grade] *	528	20.8	90	3.5	53.8 OD	2.1 OD	0.72	1.6
E5020 [Grade] *	523	20.6	130	5.1	93.5 OD	3.7 OD	0.39	0.9
E5024 [Grade] *	643	25.3	130	5.1	93.5 OD	3.7 OD	1.61	3.5
E5030 [Grade] *	791	31.1	130	5.1	93.5 OD	3.7 OD	2.06	4.5
E50 [Grade] *	80	3.1	48	1.9	16.5 ID	0.6 ID	0.08	0.2
E511 [Grade] *	122	4.8	48	1.9	28.5 OD	1.1 OD	0.10	0.2
E51 [Grade] *	115	4.5	48	1.9	16.5 ID	0.6 ID	0.09	0.2
E52 [Grade] *	165	6.5	48	1.9	16.5 ID	0.6 ID	0.14	0.3
E71 [Grade] *	154	6.1	72	2.8	41 ID	1.6 ID	0.24	0.5
E731 [Grade] *	316	12.4	72	2.8	40.5 OD	1.6 OD	0.39	0.9
E73 [Grade] *	304	12.0	72	2.8	41 ID	1.6 ID	0.39	0.9
E81 [Grade] *	151	5.9	83	3.3	41 ID	1.6 ID	0.25	0.6
E83 [Grade] *	301	11.9	83	3.3	41 ID	1.6 ID	0.45	1.0
E86 [Grade] *	609	24.0	83	3.3	57 OD	2.2 OD	0.85	1.9
E87 [Grade] *	754	29.7	83	3.3	58 OD	2.3 OD	1.14	2.5
E88 [Grade] *	812	32.0	83	3.3	58 OD	2.3 OD	1.14	2.5
HP1535 [Grade] *	81	3.2	43	1.7	18.8 OD	0.7 OD	0.04	0.1
HP1550 [Grade] *	111	4.4	43	1.7	18.8 OD	0.7 OD	0.05	0.1
HP2040 [Grade] *	142	5.6	60	2.4	36 OD	1.4 OD	0.13	0.3
HP2080 [Grade] *	227	8.9	60	2.4	36 OD	1.4 OD	0.18	0.4
HP2512 [Grade] *	327	12.9	80	3.1	53.5 OD	2.1 OD	0.24	0.5
HP2520 [Grade] *	528	20.8	80	3.1	53.5 OD	2.1 OD	0.60	1.3
HP2540 [Grade] *	142	5.6	60	2.4	36 OD	1.4 OD	0.13	0.3
HP2580 [Grade] *	227	8.9	80	3.1	53.5 OD	2.1 OD	0.29	0.6
HP260 [Grade] *	56	2.2	25	1.0	11.8 OD	0.5 OD	0.05	0.1
HP310 [Grade] *	112	4.4	38	1.5	20 OD	0.8 OD	0.10	0.2
E1251 [Grade] *	513	20.2	129	5.1	75 OD	3.0 OD	1.39	3.1
E127 [Grade] *	617	24.3	129	5.1	89 ID	3.5 ID	1.61	3.5
E361 [Grade] *	82	3.2	43	1.7	17.2 OD	0.7 OD	0.04	0.1
E371 [Grade] *	82	3.2	43	1.7	17.2 OD	0.7 OD	0.04	0.1
E381 [Grade] *	124	4.9	38	1.5	29.3 OD	1.2 OD	0.08	0.2
E711 [Grade] *	166	6.5	72	2.8	40.5 OD	1.6 OD	0.24	0.5
E811 [Grade] *	164	6.5	83	3.3	40.5 OD	1.6 OD	0.25	0.6
E821 [Grade] *	314	12.4	83	3.3	40.5 OD	1.6 OD	0.45	1.0
E830 [Grade] *	306	12.0	83	3.3	57 OD	2.2 OD	0.45	1.0
E831 [Grade] *	315	12.4	83	3.3	49.5 OD	1.9 OD	0.45	1.0
E851 [Grade] *	515	20.3	83	3.3	49.5 OD	1.9 OD	0.72	1.6

Element Grades:

X1 / X5 / X25	General Purpose Elements
XA	High Efficiency Elements
AC	Activated Carbon Elements

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