

FCS™



The inlet channel guides flow along the filter housing, initiating a swirling motion that separates particles. Larger particles settle into the collection cone, while finer dust moves to the filter elements. Cleaned air enters the purified air chamber, while dust collects on the sleeves. Automated pneumatic pulses cleanse the sleeves based on timing or pressure drop.

Model of the filter	Performance, m3/h	Filter area, m2	A	ØB	C	D	E	F	G	H	I	J	K	ØL	M	N	P	R	S	T	U	V	W
SKIF-FCS-21.20	4500 - 5500	18,8	4750	1100	3840	3645	500	300	3090	250	400	440	340	300	1800	910	1560	1560	400	650	1675	1490	1620
SKIF-FCS-21.25	5500 - 7000	23,4	5250	1100	4340	4150	500	300	3590	250	400	440	340	300	1800	910	1560	1560	400	650	1675	1490	1620
SKIF-FCS-21.30	7000 - 8500	28	5750	1100	4840	4650	500	300	4090	250	400	440	340	300	1800	910	1560	1560	400	650	1675	1490	1620
SKIF-FCS-28.25	8500 - 10000	35,7	5400	1250	4690	4435	650	350	3730	300	650	440	340	300	1800	710	1560	1740	415	725	1780	1690	1745
SKIF-FCS-28.30	10000 - 12000	42,9	5900	1250	5190	4935	650	350	4230	300	650	440	340	300	1800	710	1560	1740	415	725	1780	1690	1745
SKIF-FCS-44.25	12000 - 14500	49	6345	1600	5235	4945	1000	400	4110	450	850	920	586	300	2500	1110	2010	2075	500	900	2170	2190	2300
SKIF-FCS-44.30	14500 - 17000	58,9	6845	1600	5735	5445	1000	400	4615	450	850	920	586	300	2500	1110	2010	2075	500	900	2170	2190	2300
SKIF-FCS-44.35	17000 - 20000	68,7	7345	1600	6235	5945	1000	400	5115	450	850	920	586	300	2500	1110	2010	2075	500	900	2170	2190	2300
SKIF-FCS-52.35	20000 - 25000	81,7	7395	1700	6385	6070	1100	450	5140	450	1000	920	586	300	2500	1010	2010	2175	550	950	2215	2290	2350
SKIF-FCS-68.35	25000 - 30000	106,2	8100	1920	6685	6320	1250	550	5350	550	1150	920	586	300	3100	1210	2500	2395	615	1060	2570	2610	2800
SKIF-FCS-84.35	30000 - 36000	131,2	8100	2120	7170	6805	1350	550	5740	550	1250	920	920	300	3100	910	2500	2595	680	1160	2670	2810	2900
SKIF-FCS-112.30	36000 - 42000	147,2	7700	2350	6970	6555	1450	650	5500	600	1350	920	920	300	3150	1210	3750	2825	750	1275	3410	3090	3690
SKIF-FCS-112.35	42000 - 50000	174,9	8200	2350	7470	7055	1450	650	6045	600	1350	920	920	300	3150	710	3750	2825	750	1275	3410	3090	3690