



2023 Catalog

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From the moment it was launched, MULTIVENT has aimed to be a new breath in the ventilation industry and to bring the technology of the future to the present day through R&D studies.

We produce in Izmir and sell devices throughout Turkey and to many parts of the world, and we are developing day by day in the field of ventilation. In addition to the service and price advantage that being a manufacturer provides to our customers, it has also paved the way for quality and reliable shopping.

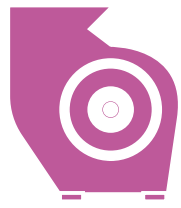
Since Axial Fan and Radial Fan are our field of expertise, in addition to serious R&D expenditures in this field, we work with experts in the field of ventilation and treat this branch not only as a source of income but as a branch of science. Therefore, while we aim to be perfect in our work, balancing the energy consumption / performance equation is among our criteria.

The devices we produce; It appeals to a wide range of sectors according to capacity, efficiency and usage area, and contributes not only to the production and industrial sectors, but also to households and workplaces.

There is nothing stopping you from starting to work with us. We are waiting for you...

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CENTRIFUGAL FANS





Centrifugal Fans Models

MC-DD

MC-DD HT

MC-DS

MC-BD

MC-LP

MC-MP

MC-HP

MC-ALU

MC-F

MC-P



Options On Request



Heavy Duty



Anti Corrosion Fans



Ex-Proof

MC-DD

DIRECT DRIVE CENTRIFUGAL FANS

MC-DD Serie Direct Drive Centrifugal fans provide high airflow with lower energy thanks to backward curved rotor structure and accouple motor assambling. Can be used in oily,dusty and polluted air extraction. Long term maintenance period.

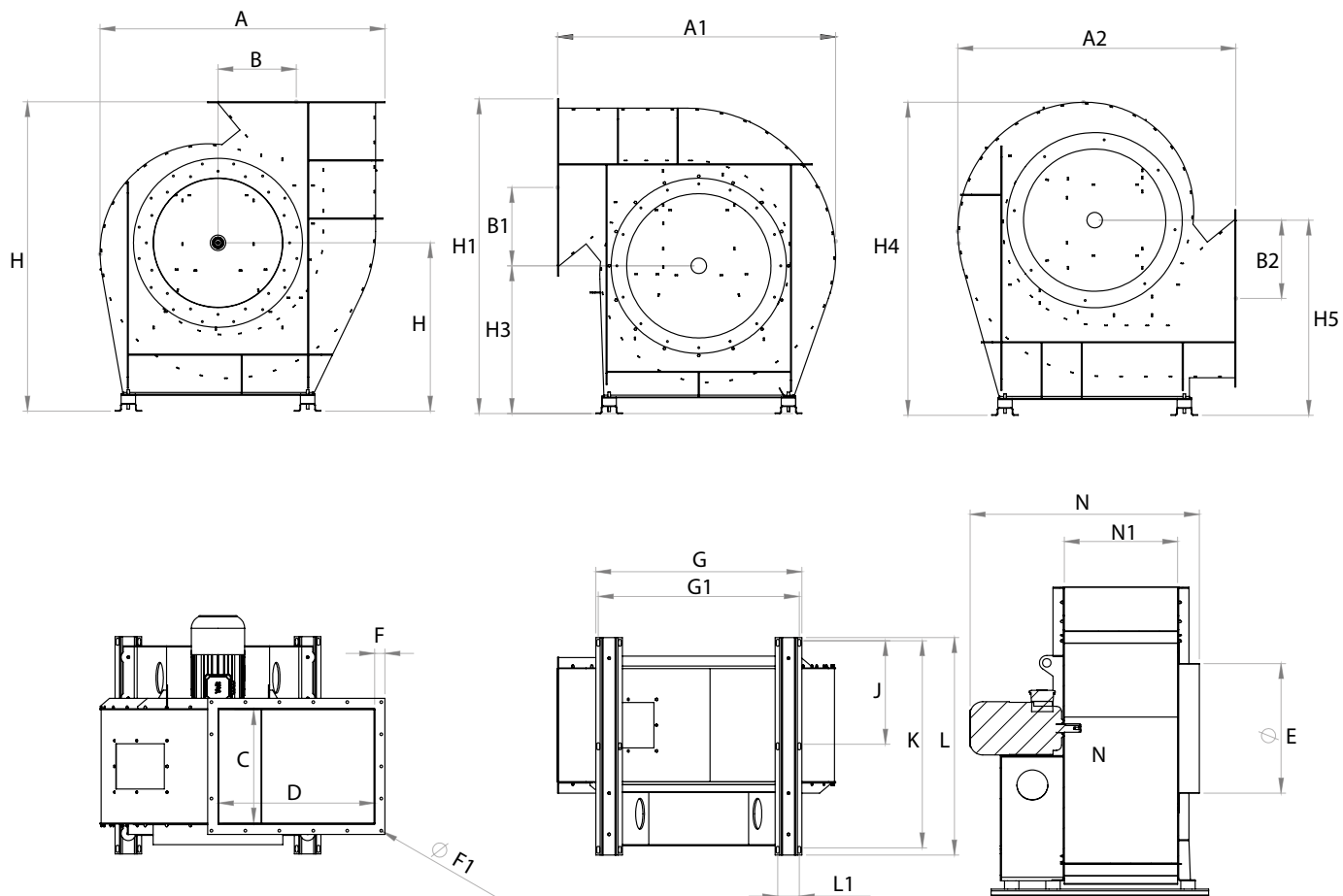
Technical Information

Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree	Kg. Max.
MC-DD 315/4K	2000	300	9	0,25	1.450	0,8	50	380	68	60	87
MC-DD 355/4K a	2800	300	10	0,37	1450	1	50	380	72	60	93
MC-DD 355/4K b	3000	350	10	0,55	1450	1,3	50	380	80	60	95
MC-DD 400/4K	4200	450	11	0,75	1450	2	50	380	83	60	116
MC-DD 450/4K a	7000	600	13	1,1	1450	2,5	50	380	84	60	123
MC-DD 450/4K b	7500	650	13,5	1,5	1450	3,5	50	380	87	60	125
MC-DD 500/4K	10000	800	15	2,2	1450	4,5	50	380	90	60	155
MC-DD 560/4K a	12500	900	16	3	1450	6,5	50	380	91	60	170
MC-DD 560/4K b	14000	1000	17	4	1450	8	50	380	93	60	178
MC-DD 630/4K	18000	1200	18	5,5	1450	11	50	380	95	60	220
MC-DD 710/4K a	22000	1300	19	7,5	1450	15	50	380	97	60	329
MC-DD 710/4K b	25000	1500	19,5	11	1450	21	50	380	99	60	372
MC-DD 800/4K a	30000	1800	22	15	1450	29	50	380	101	60	439
MC-DD 800/4K b	35000	1800	22,2	18,5	1450	34	50	380	103	60	458
MC-DD 900/4K	45000	2200	25	22	1450	42	50	380	110	60	665
MC-DD 1000/4K	60000	2800	30	30	1450	54	50	380	125	60	785



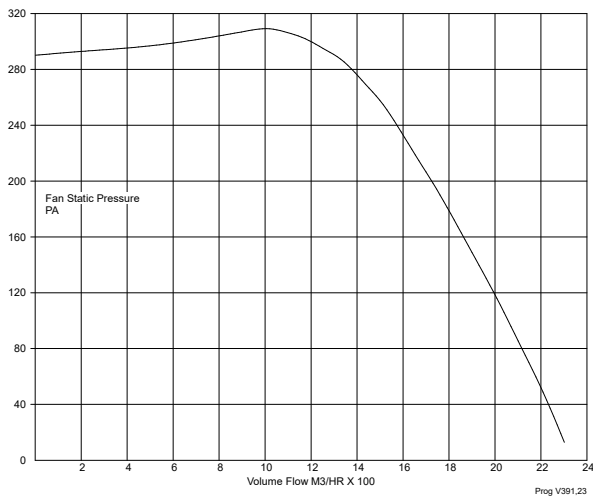


Technical Dimensions

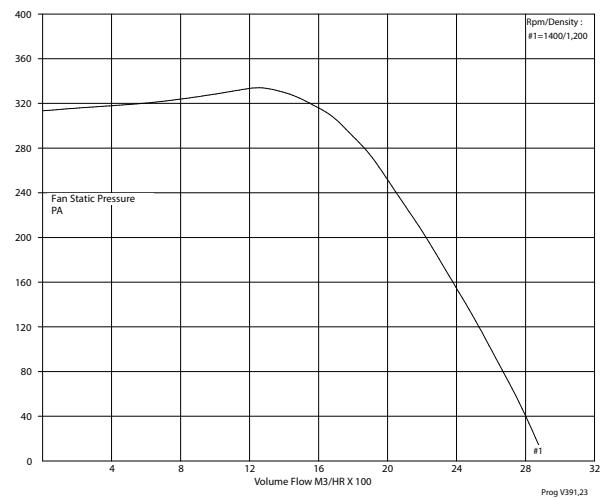


Model Type	A	A1	A2	B	B1	B2	C	D	E	F	F1	G	G1	H	H1	H2	H3	H4	H5	K	L	L1	N	N1
MC-DD 315/4K	696	670	670	187	187	187	270	373	Ø279	40	Ø13x14	553	529	767	427	800	387	790	507	357	713	105	681	270
MC-DD 355/4K	771	745	745	208	208	208	307	412	Ø314	40	Ø13x14	599	575	846	467	873	417	862	547	372	689	105	715	301
MC-DD 400/4K	850	827	827	231	231	231	334	457	Ø354	40	Ø13x14	659	635	927	504	948	447	936	587	389	827	105	748	270
MC-DD 450/4K	940	918	918	256	256	256	370	510	Ø399	40	Ø13x14	719	695	1023	557	1039	487	1035	647	432	913	105	834	370
MC-DD 500/4K	1024	1004	1004	281	281	281	406	559	Ø449	40	Ø13x14	779	755	1127	617	1148	547	1130	707	425	913	105	899	406
MC-DD 560/4K	1127	1109	1109	317	317	317	449	618	Ø499	40	Ø13x14	849	825	1231	667	1247	587	1214	747	446	942	105	862	449
MC-DD 630/4K	1241	1224	1224	343	343	343	505	683	Ø559	40	Ø13x18	929	905	1349	727	1362	637	1313	797	474	998	105	980	505
MC-DD 710/4K	1382	1349	1349	380	380	380	550	758	Ø629	50	Ø13x18	1000	976	1052	817	1527	717	1519	947	503	1172	105	1112	550
MC-DD 800/4K	1516	1495	1495	419	419	419	606	837	Ø709	50	Ø15x20	1089	1065	1627	867	1654	767	1626	997	631	1311	105	1306	606
MC-DD 900/4K	1677	1658	1658	465	465	465	672	929	Ø799	50	Ø15x22	1199	1175	1790	947	1806	827	1785	1087	664	1377	105	1408	672
MC-DD 1000/4K	1821	1827	1827	512	512	512	741	1022	Ø899	50	Ø15x24	1310	1286	1956	1027	1981	907	1956	1187	698	1392	105	1491	741

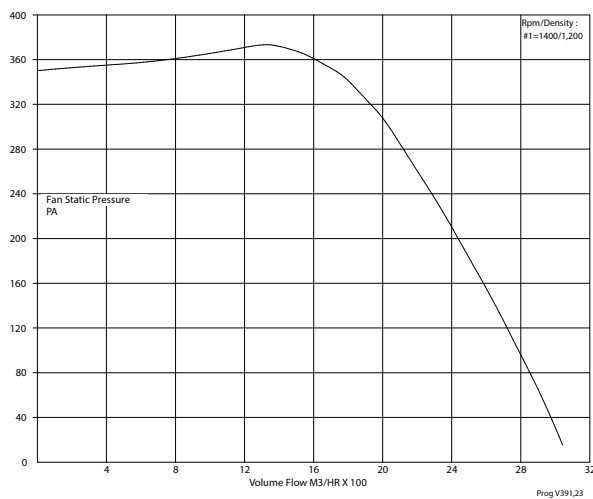
Pressure Curves



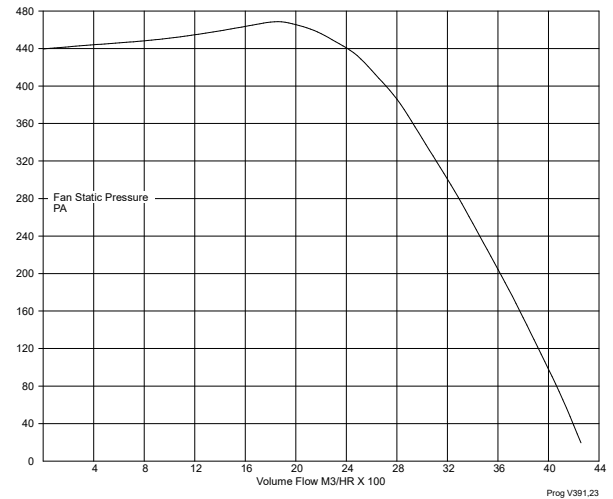
MC-DD 315/4K



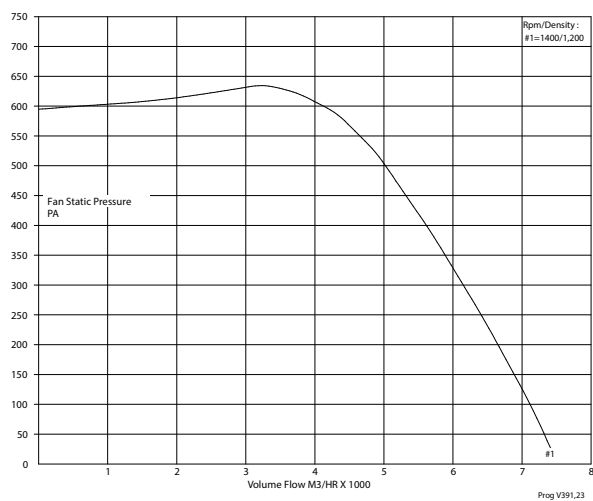
MC-DD 355/4K A



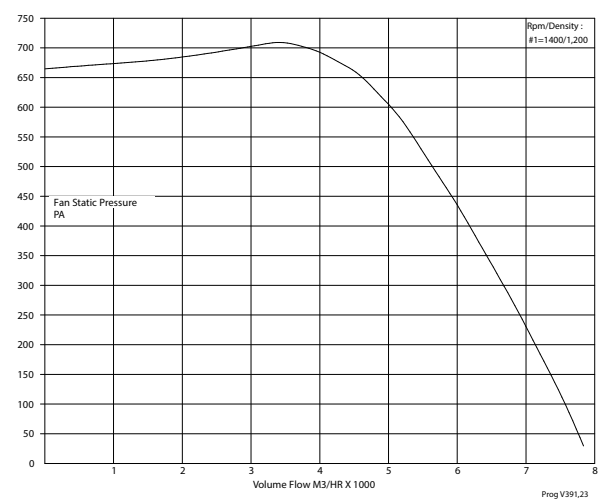
MC-DD 355/4K B



MC-DD 400/4K

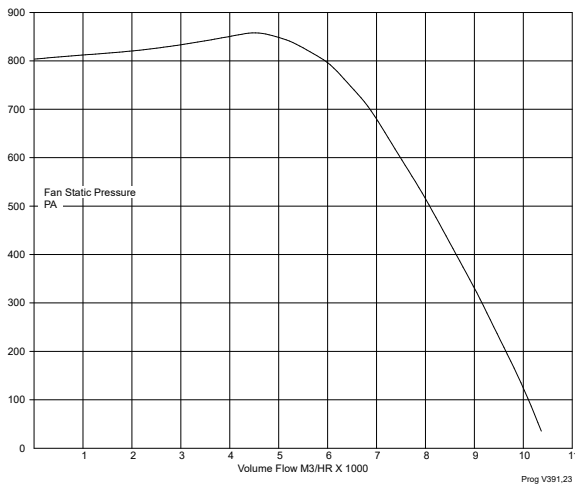


MC-DD 450/4K A

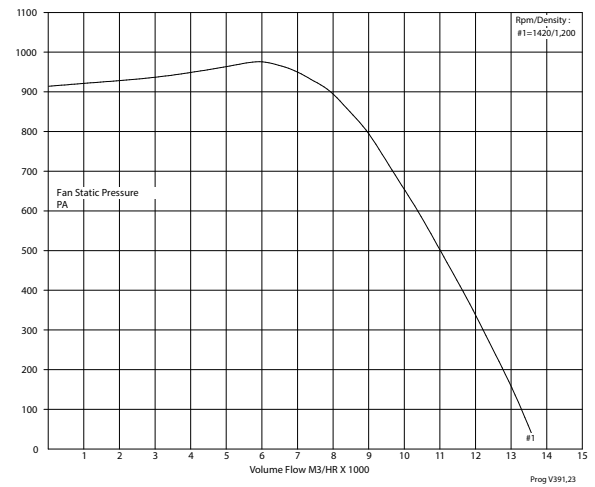


MC-DD 450/4K B

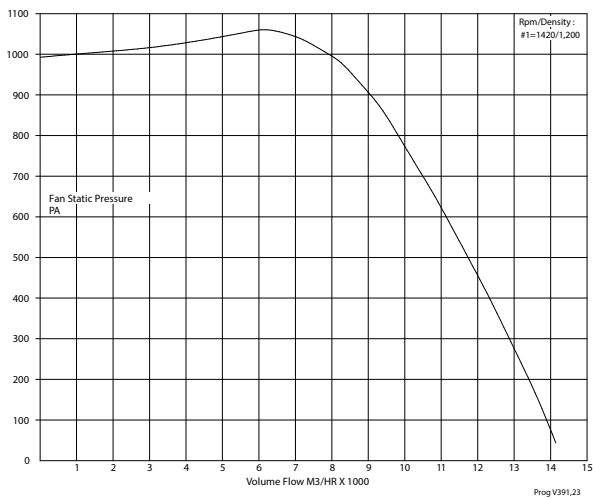
Pressure Curves



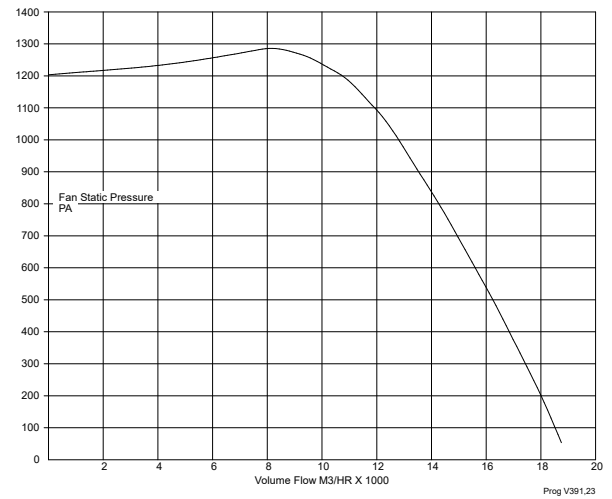
MC-DD 500/4K



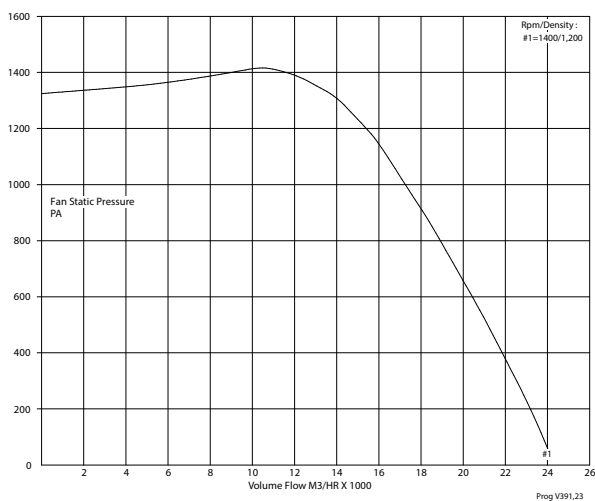
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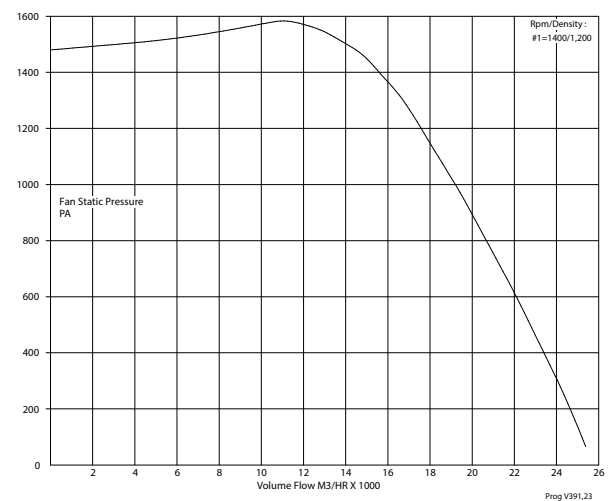
MC-DD 560/4K B



MC-DD 630/4K

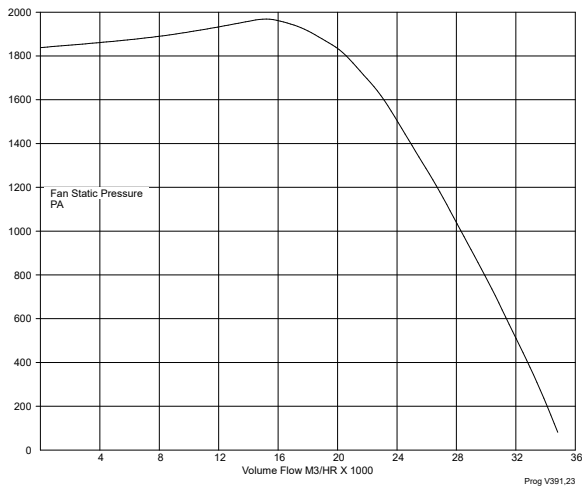


MC-DD 710/4K A

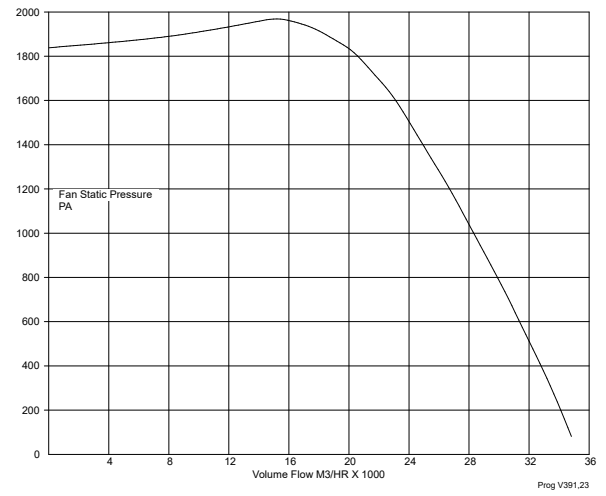


MC-DD 710/4K B

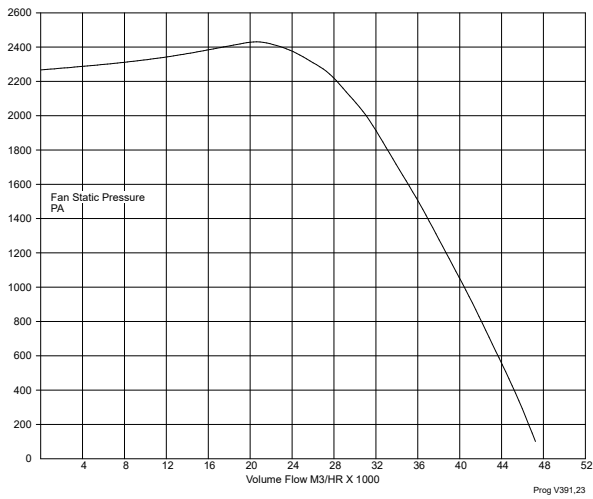
Pressure Curves



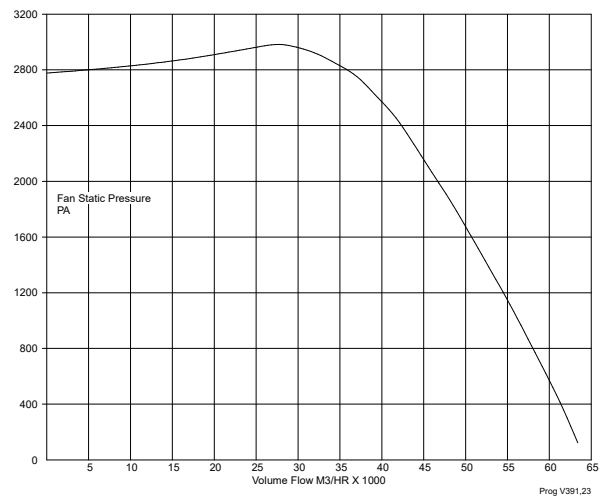
MC-DD 800/4K A



MC-DD 800/4K B



MC-DD 900/4K



MC-DD1000/4K



Options On Request



Heavy Duty



Anti Corrosion Fans



Ex-Proof

MC-DD HT

DIRECT DRIVE CENTRIFUGAL FANS

MC-DD HT Serie Direct Drive Centrifugal fans design to transport air up to +150 °C. continuously thanks to extended motor shaft and aluminum cooling impeller.

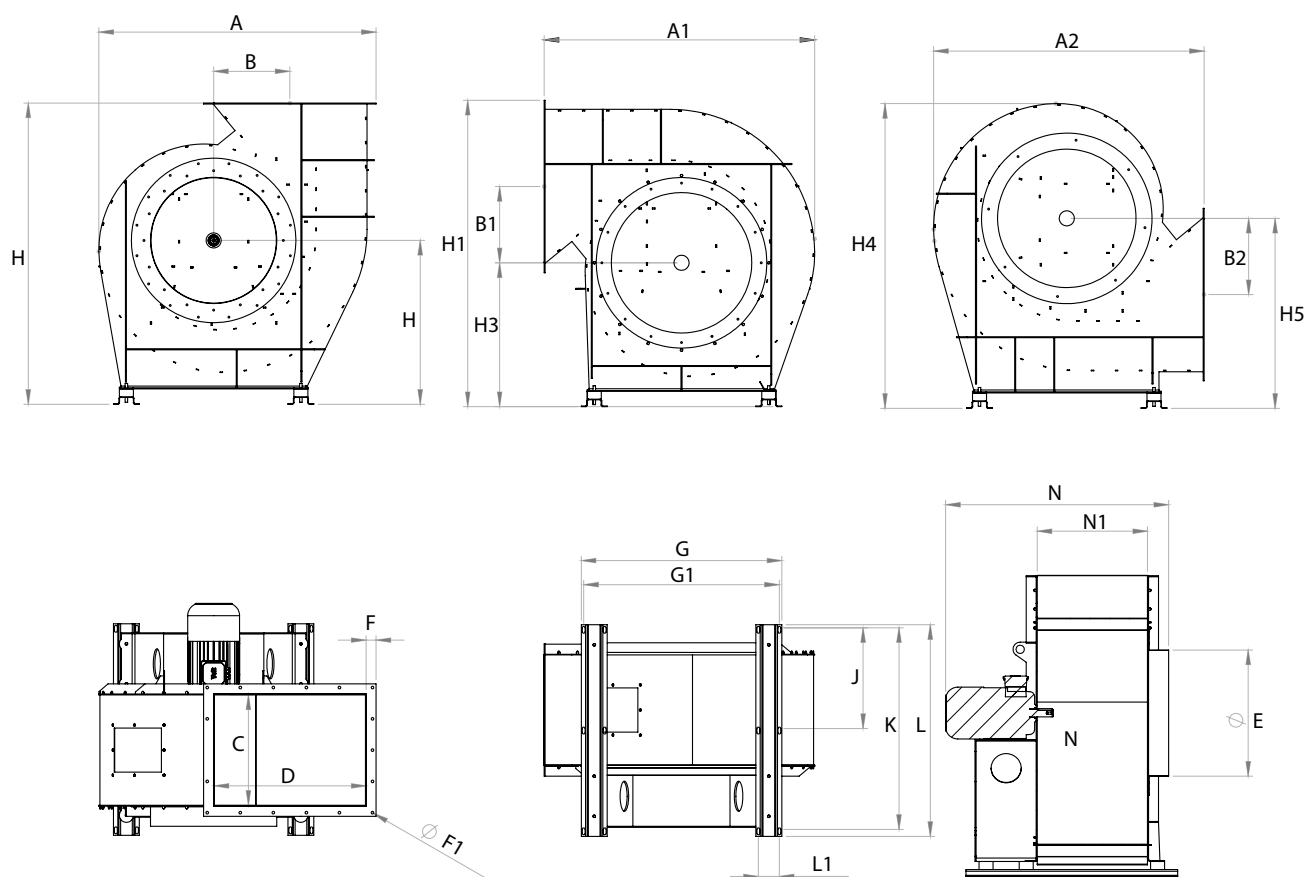
Technical Information

Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree	Kg. Max.
MC-DD HT 315/4K	2000	300	9	0,25	1.450	0,8	50	380	68	60	87
MC-DD HT 355/4K a	2800	300	10	0,37	1450	1	50	380	72	60	93
MC-DD HT 355/4K b	3000	350	10	0,55	1450	1,3	50	380	80	60	95
MC-DD HT 400/4K	4200	450	11	0,75	1450	2	50	380	83	60	116
MC-DD HT 450/4K a	7000	600	13	1,1	1450	2,5	50	380	84	60	123
MC-DD HT 450/4K b	7500	650	13,5	1,5	1450	3,5	50	380	87	60	125
MC-DD HT 500/4K	10000	800	15	2,2	1450	4,5	50	380	90	60	155
MC-DD HT 560/4K a	12500	900	16	3	1450	6,5	50	380	91	60	170
MC-DD HT 560/4K b	14000	1000	17	4	1450	8	50	380	93	60	178
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MC-DD HT 710/4K a	22000	1300	19	7,5	1450	15	50	380	97	60	329
MC-DD HT 710/4K b	25000	1500	19,5	11	1450	21	50	380	99	60	372
MC-DD HT 800/4K a	30000	1800	22	15	1450	29	50	380	101	60	439
MC-DD HT 800/4K b	35000	1800	22,2	18,5	1450	34	50	380	103	60	458
MC-DD HT 900/4K	45000	2200	25	22	1450	42	50	380	110	60	665
MC-DD HT 1000/4K	60000	2800	30	30	1450	54	50	380	125	60	785



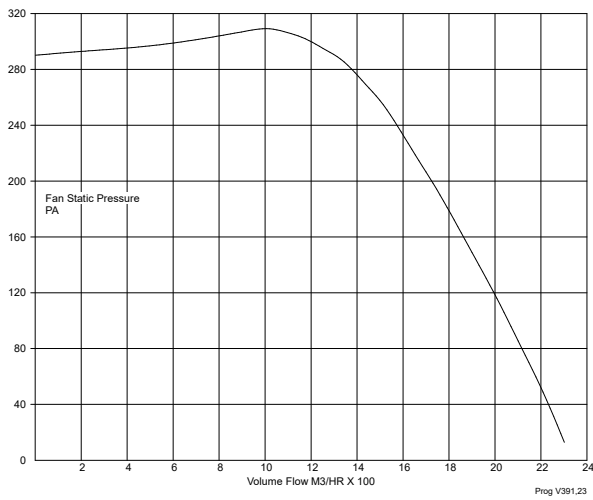


Technical Dimensions

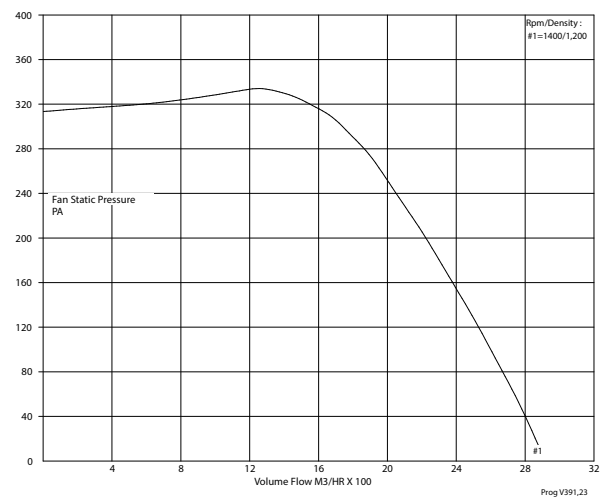


Model Type	A	A1	A2	B	B1	B2	C	D	E	F	F1	G	G1	H	H1	H2	H3	H4	H5	K	L	L1	N	N1
MC-DD HT 315/4K	696	670	670	187	187	187	270	373	Ø279	40	Ø13x14	553	529	767	427	800	387	790	507	357	713	105	681	270
MC-DD HT 355/4K	771	745	745	208	208	208	307	412	Ø314	40	Ø13x14	599	575	846	467	873	417	862	547	372	689	105	715	301
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MC-DD HT 560/4K	1127	1109	1109	317	317	317	449	618	Ø499	40	Ø13x14	849	825	1231	667	1247	587	1214	747	446	942	105	862	449
MC-DD HT 630/4K	1241	1224	1224	343	343	343	505	683	Ø559	40	Ø13x18	929	905	1349	727	1362	637	1313	797	474	998	105	980	505
MC-DD HT 710/4K	1382	1349	1349	380	380	380	550	758	Ø629	50	Ø13x18	1000	976	1052	817	1527	717	1519	947	503	1172	105	1112	550
MC-DD HT 800/4K	1516	1495	1495	419	419	419	606	837	Ø709	50	Ø15x20	1089	1065	1627	867	1654	767	1626	997	631	1311	105	1306	606
MC-DD HT 900/4K	1677	1658	1658	465	465	465	672	929	Ø799	50	Ø15x22	1199	1175	1790	947	1806	827	1785	1087	664	1377	105	1408	672
MC-DD HT 1000/4K	1821	1827	1827	512	512	512	741	1022	Ø899	50	Ø15x24	1310	1286	1956	1027	1981	907	1956	1187	698	1392	105	1491	741

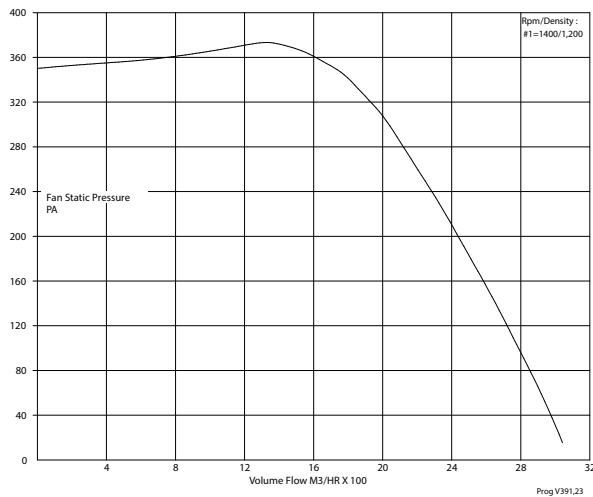
Pressure Curves



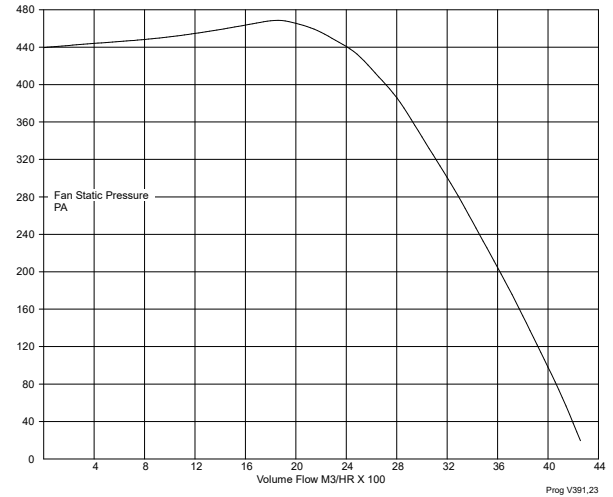
MC-DD HT 315/4K



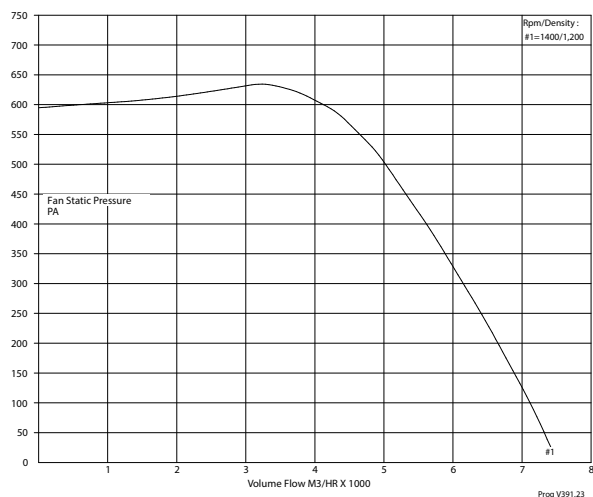
MC-DD HT 355/4K A



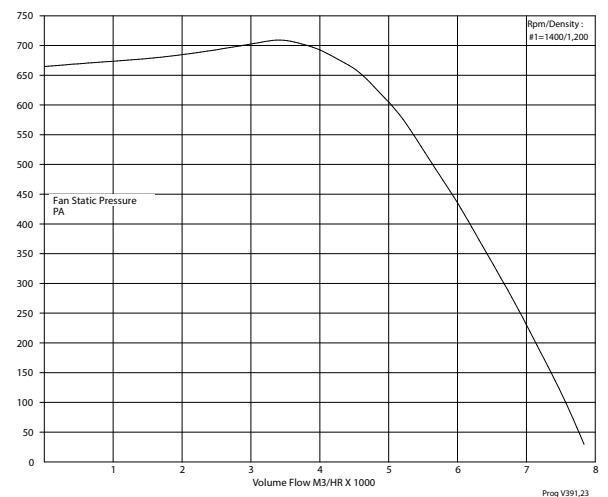
MC-DD HT 355/4K B



MC-DD HT 400/4K



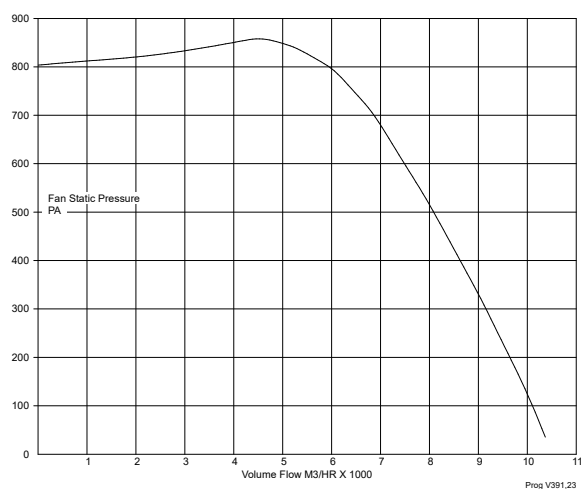
MC-DD HT 450/4K A



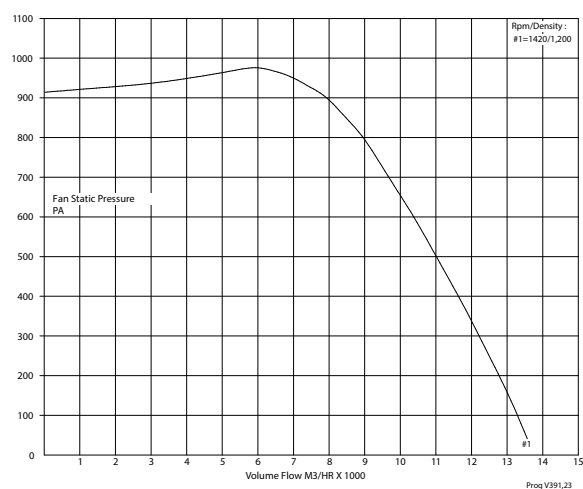
MC-DD HT 450/4K B



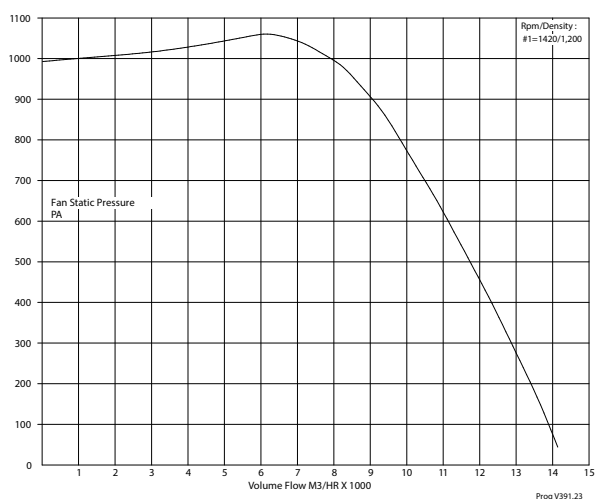
Pressure Curves



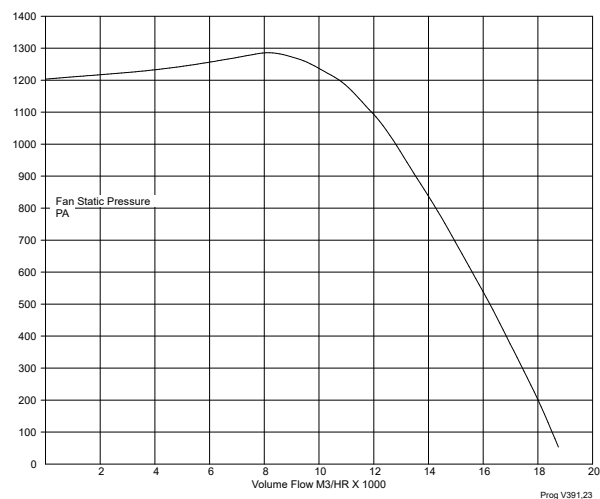
MC-DD HT 500/4K



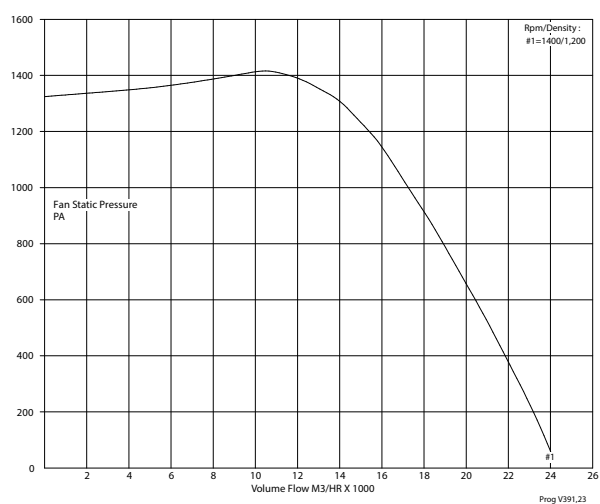
MC-DD HT 560/4K A



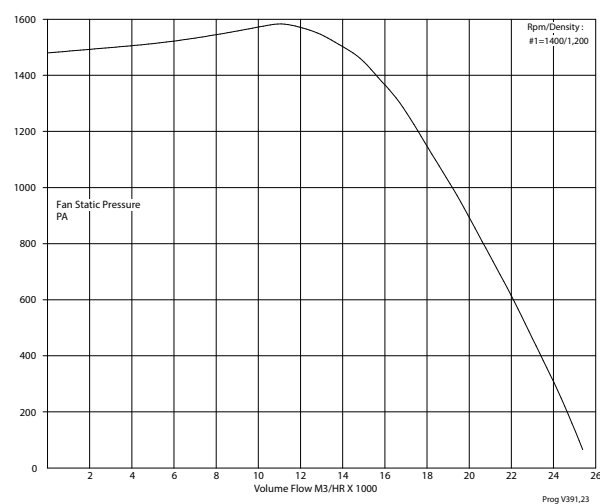
MC-DD HT 560/4K B



MC-DD HT 630/4K

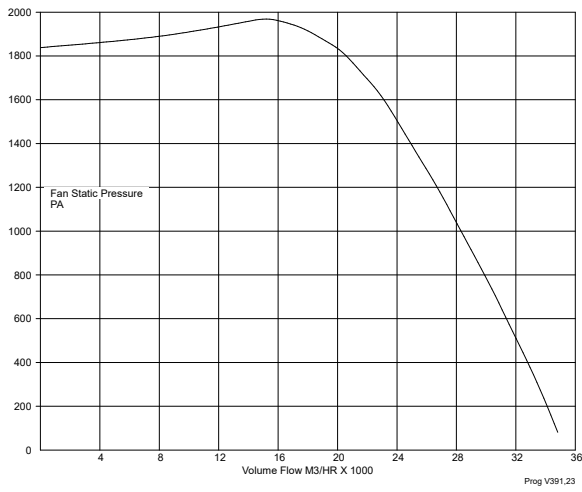


MC-DD HT 710/4K A

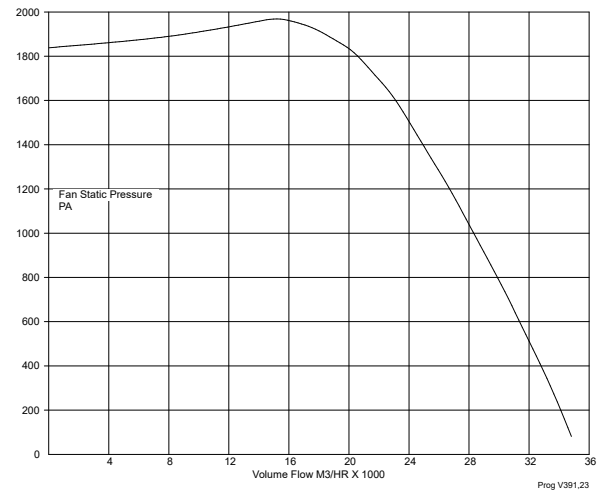


MC-DD HT 710/4K B

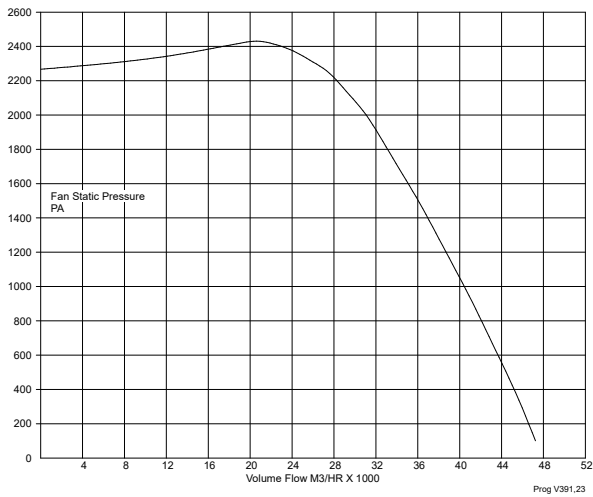
Pressure Curves



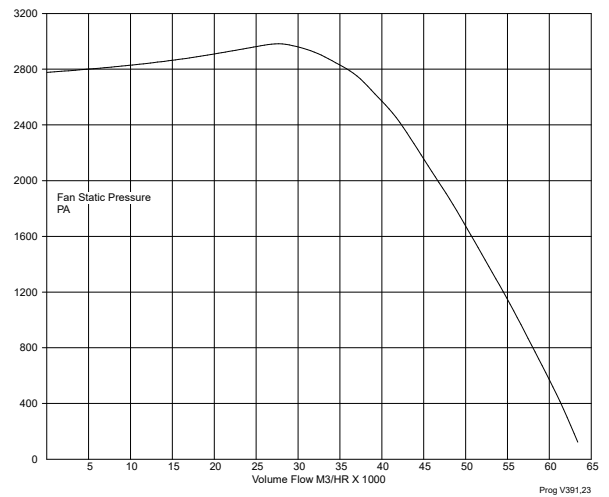
MC-DD HT 800/4K A



MC-DD HT 800/4K B



MC-DD HT 900/4K



MC-DD HT 1000/4K



Options On Request



Heavy Duty



Anti Corrosion Fans



Ex-Proof

MC-DS

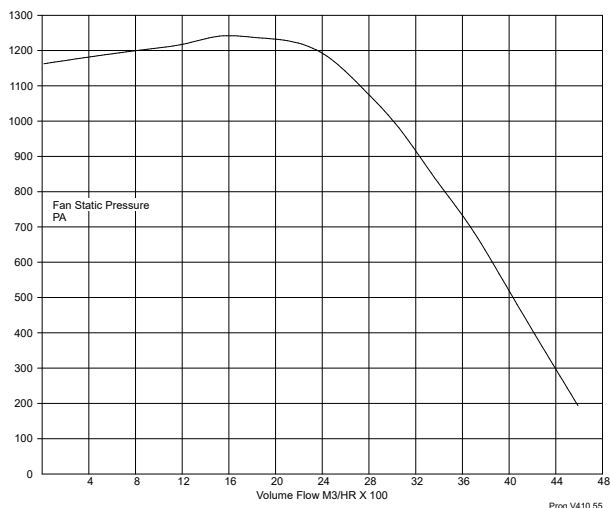
DIRECT DRIVE CENTRIFUGAL FANS

MC-DS Serie Dust Suction Centrifugal fans provide high airflow with lower energy thanks to backward curved rotor structure and accouple motor assambling. Can be used in oily,dusty and polluted air extraction. Can be used for fresh air supply and micro particule transport. Long term maintenance period.

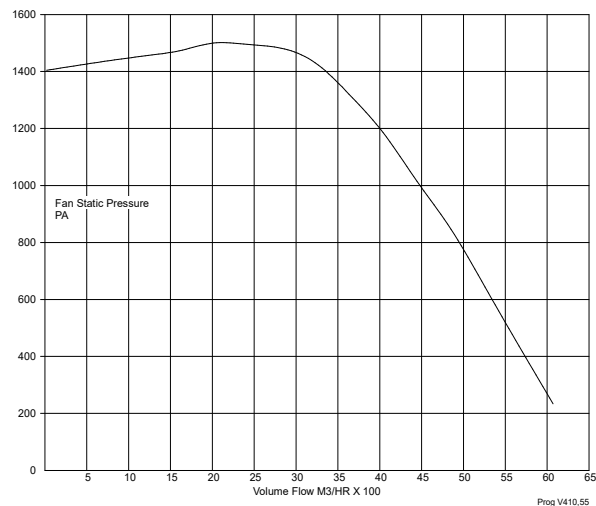
Technical Information

Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree	Kg. Max.
MC-DS 315	4500	1100	16	1,1	2.800	2,3	50	380	91	60	95
MC-DS 355	6200	1400	19	2,2	2800	4,5	50	380	95	60	115
MC-DS 400	12500	2100	22	4	2800	7,2	50	380	97	60	134
MC-DS 450	16000	2600	23	5,5	2800	11	50	380	98	60	154
MC-DS 500-A	20000	2800	25,5	11	2800	19	50	380	102	60	214
MC-DS 500-B	22000	3000	27	15	2800	28	50	380	105	60	225
MC-DS 560	27000	3300	29	18,5	2800	30	50	380	106	60	325

Pressure Curves



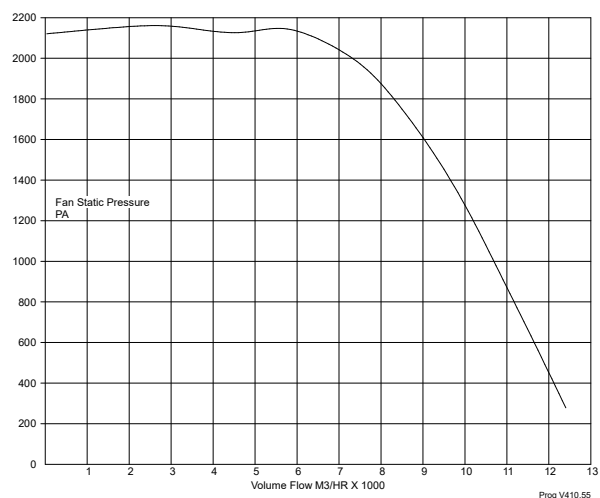
MC-DS 315



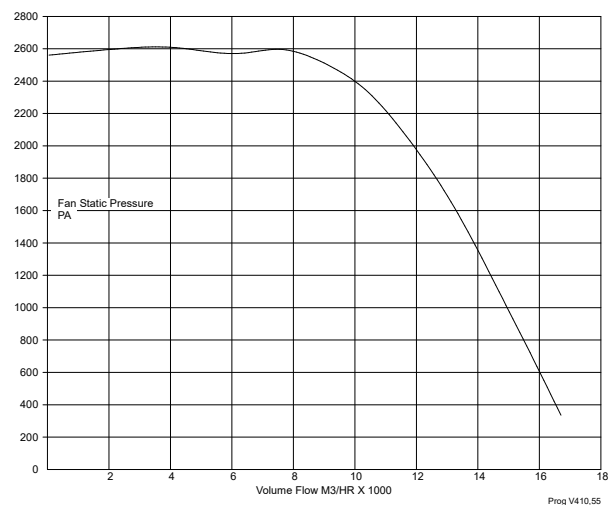
MC-DS 355



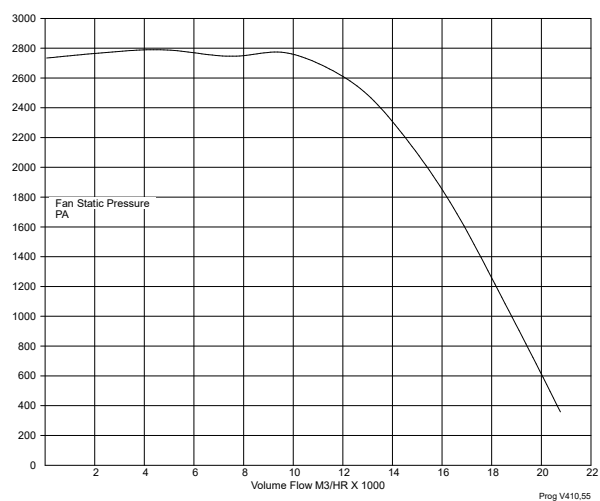
Pressure Curves



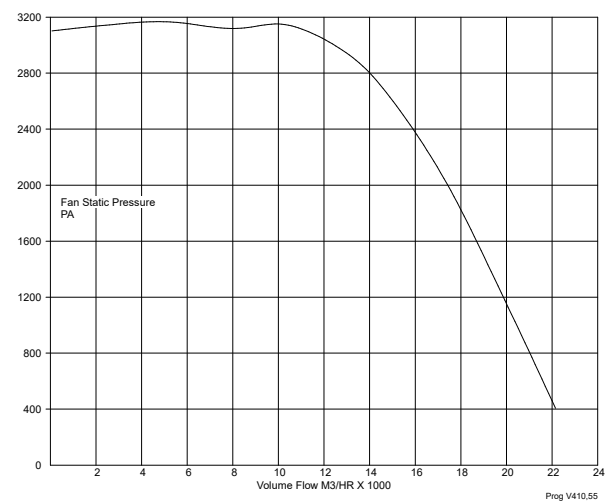
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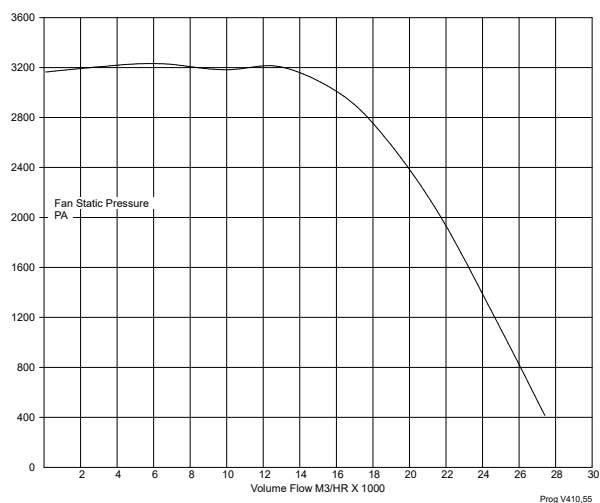
MC-DS 450



MC-DS 500-A

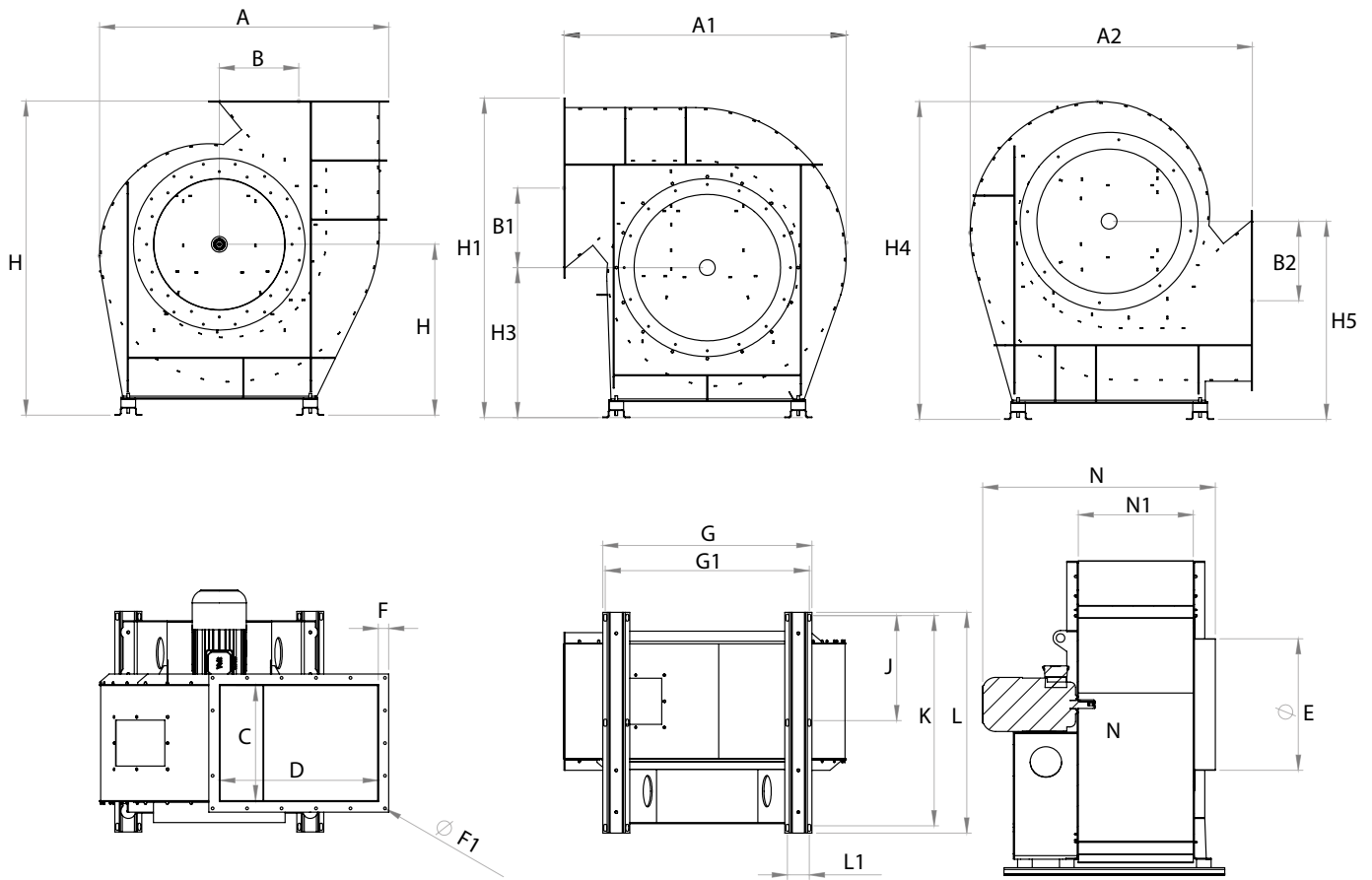


MC-DS 500-B



MC-DS 560

Technical Dimensions



Model Type	A	A1	A2	B	B1	B2	C	D	E	F	F1	G	G1	H	H1	H2	H3	H4	H5	K	L	L1	N	N1
MC-DS 315	696	670	670	187	187	187	270	373	Ø279	40	Ø13x14	553	529	767	427	800	387	790	507	357	713	105	681	270
MC-DS 355	771	745	745	208	208	208	307	412	Ø314	40	Ø13x14	599	575	846	467	873	417	862	547	372	689	105	715	301
MC-DS 400	850	827	827	231	231	231	334	457	Ø354	40	Ø13x14	659	635	927	504	948	447	936	587	389	827	105	748	270
MC-DS 450	940	918	918	256	256	256	370	510	Ø399	40	Ø13x14	719	695	1023	557	1039	487	1035	647	432	913	105	834	370
MC-DS 500-A	1024	1004	1004	281	281	281	406	559	Ø449	40	Ø13x14	779	755	1127	617	1148	547	1130	707	425	913	105	899	406
MC-DS 500-B	1127	1109	1109	317	317	317	449	618	Ø499	40	Ø13x14	849	825	1231	667	1247	587	1214	747	446	942	105	862	449
MC-DS 560	1241	1224	1224	343	343	343	505	683	Ø559	40	Ø13x18	929	905	1349	727	1362	637	1313	797	474	998	105	980	505



Options On Request



Heavy Duty



Anti Corrosion Fans



Ex-Proof

MC-BD

DIRECT DRIVE CENTRIFUGAL FANS

MC-BD Serie Belt Drive centrifugal fans run at higher air temperatures. Thanks to different rotor sizes it provides variable speed with different pressure values.

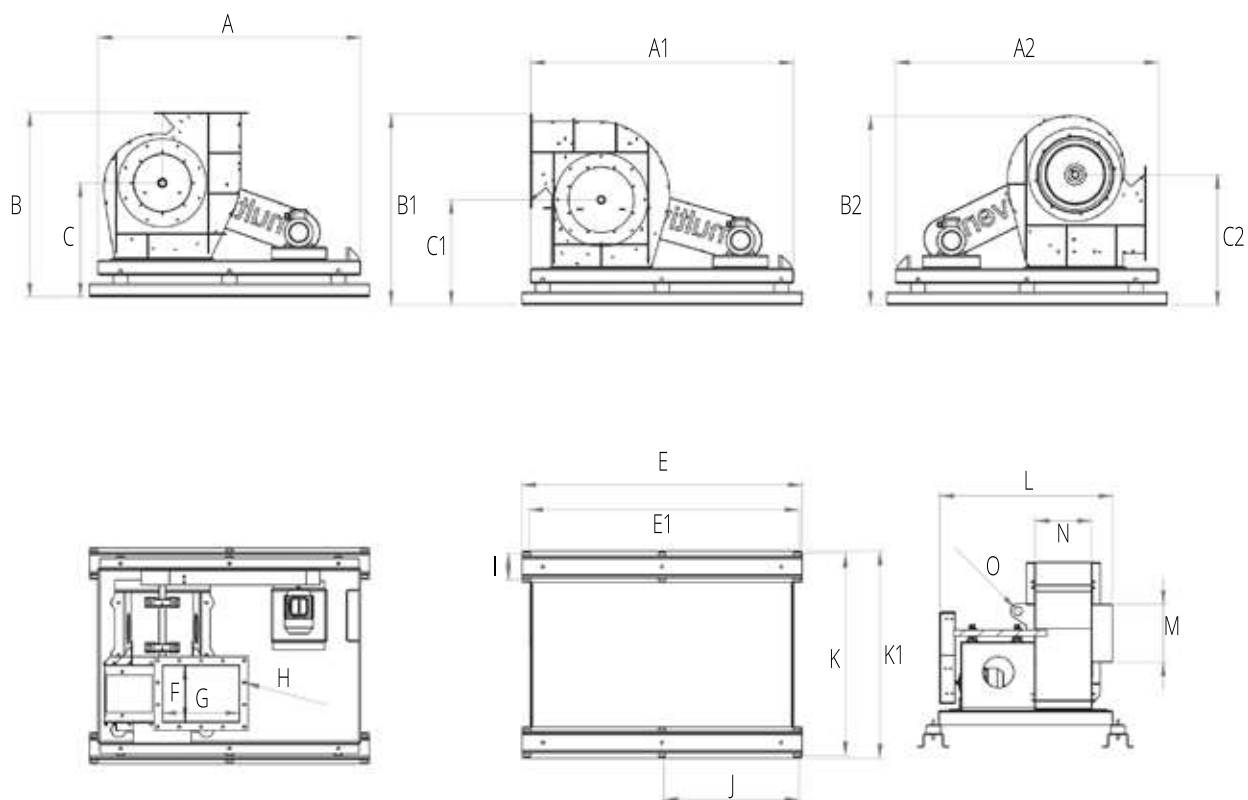
Technical Information

Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree	Kg. Max.
MC-BD 315/4K	2000	300	9	0,25	1.450	0,8	50	380	68	60	137
MC-BD 355/4K a	2800	300	10	0,37	1450	1	50	380	72	60	143
MC-BD 355/4K b	3000	350	10	0,55	1450	1,3	50	380	80	60	145
MC-BD 400/4K	4200	450	11	0,75	1450	2	50	380	83	60	166
MC-BD 450/4K a	7000	600	13	1,1	1450	2,5	50	380	84	60	183
MC-BD 450/4K b	7500	650	13,5	1,5	1450	3,5	50	380	87	60	183
MC-BD 500/4K	10000	800	15	2,2	1450	4,5	50	380	90	60	225
MC-BD 560/4K a	12500	900	16	3	1450	6,5	50	380	91	60	240
MC-BD 560/4K b	14000	1000	17	4	1450	8	50	380	93	60	248
MC-BD 630/4K	18000	1200	18	5,5	1450	11	50	380	95	60	300
MC-BD 710/4K a	22000	1300	19	7,5	1450	15	50	380	97	60	429
MC-BD 710/4K b	25000	1500	19,5	11	1450	21	50	380	99	60	472
MC-BD 800/4K a	30000	1800	22	15	1450	29	50	380	101	60	546
MC-BD 800/4K b	35000	1800	22,5	18,5	1450	34	50	380	103	60	583
MC-BD 900/4K	45000	2200	25	22	1450	42	50	380	110	60	815
MC-BD 1000/4K	60000	2800	30	30	1450	54	50	380	125	60	935



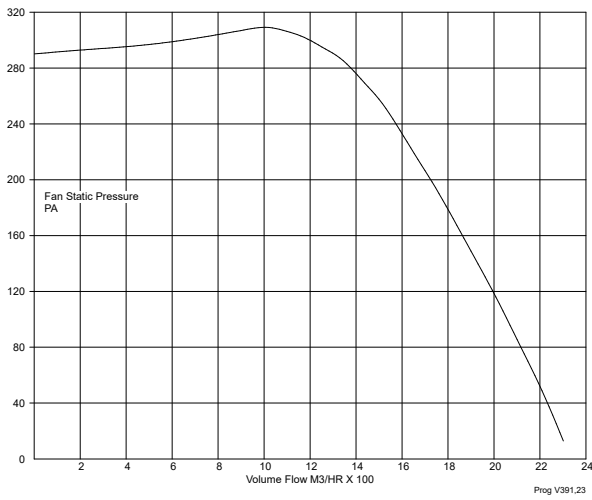


Technical Dimensions

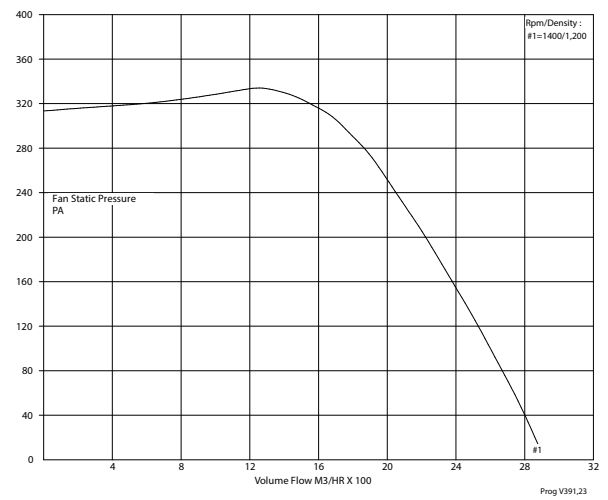


Model Type	A	A1	A2	B	B1	B2	C	D	E	F	F1	G	G1	H	H1	H2	H3	H4	H5	K	L	L1	N	N1
MC-BD 315/4K	1267	1267	1267	888	919	911	548	506	628	1350	1300	270	373	Ø13x14	125	650	972	996	833	Ø279	270	Ø41	681	270
MC-BD 355/4K	1267	1267	1267	967	992	981	588	536	666	1350	1300	301	416	Ø13x14	125	650	1052	1076	864	Ø314	301	Ø41	715	301
MC-BD 400/4K	1314	1314	1314	1048	1067	1056,8	628	566	708	1400	1350	346	461	Ø13x14	125	675	1082	1106	851	Ø349	334	Ø41	748	270
MC-BD 450/4K	1367	1367	1367	1144	1158	1156	678	606	768	1450	1400	370	510	Ø13x14	125	700	1122	1146	936	Ø399	370	Ø41	834	370
MC-BD 500/4K	1367	1367	1367	1228	1247	1229	718	646	806	1450	1400	406	559	Ø13x14	125	700	1172	1196	987	Ø449	406	Ø41	899	406
MC-BD 560/4K	1507	1507	1507	1332	1349	1313	768	686	846	1600	1550	449	618	Ø13x14	125	775	1172	1196	1027	Ø499	449	Ø41	862	449
MC-BD 630/4K	1667	1667	1667	1448	1461	1412	828	736	896	1750	1700	511	685	Ø13x14	125	850	1225	1249	1068	Ø559	505	Ø41	980	505
MC-BD 710/4K	1767	1767	1767	1061	1626	1618	916	816	1046	1850	1800	550	758	Ø13x14	125	900	1375	1399	1167	Ø629	-	Ø41	1112	550
MC-BD 800/4K	2017	2017	2017	1726	1753	1725	966	866	1096	2100	2050	606	834	Ø13x14	125	1025	1625	1649	1323	Ø709	606	Ø41	1306	606
MC-BD 900/4K	2217	2217	2217	1889	1905	1884	1046	926	1186	2300	2250	672	929	Ø13x14	125	1125	1675	1699	1419	Ø799	-	Ø41	1408	672
MC-BD 1000/4K	2367	2367	2367	2055	2080	2055	1126	1006	1286	2450	2400	741	1024	Ø13x14	125	1200	1675	1699	1488	Ø899	741	Ø41	1491	741

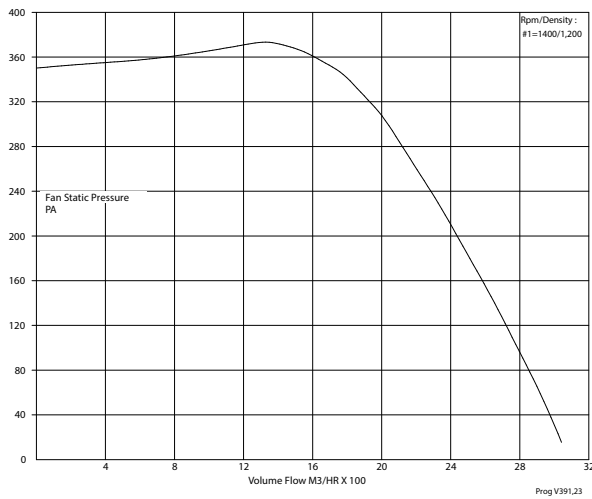
Pressure Curves



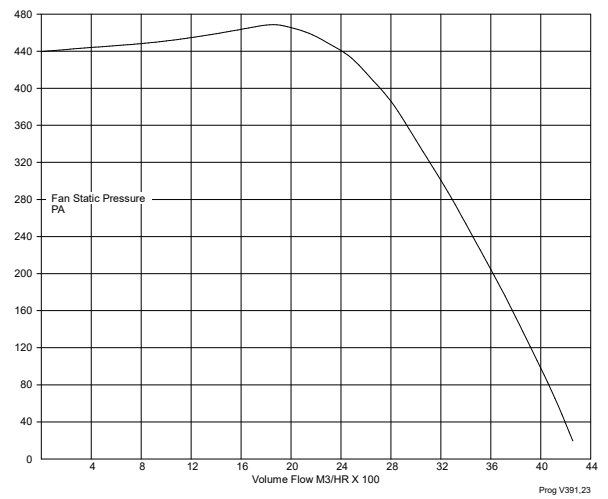
MC-BD 315/4K



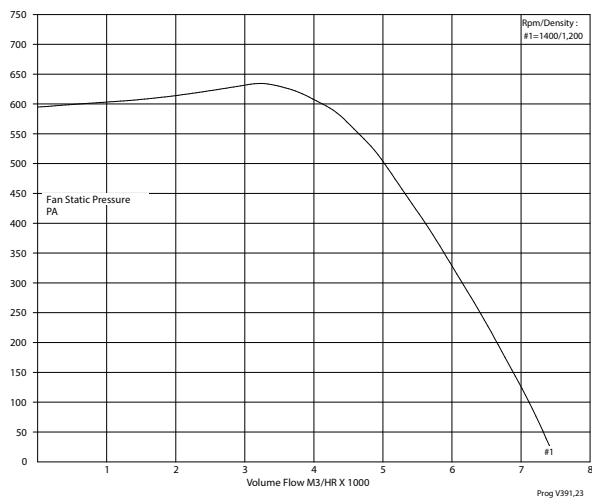
MC-BD 355/4K A



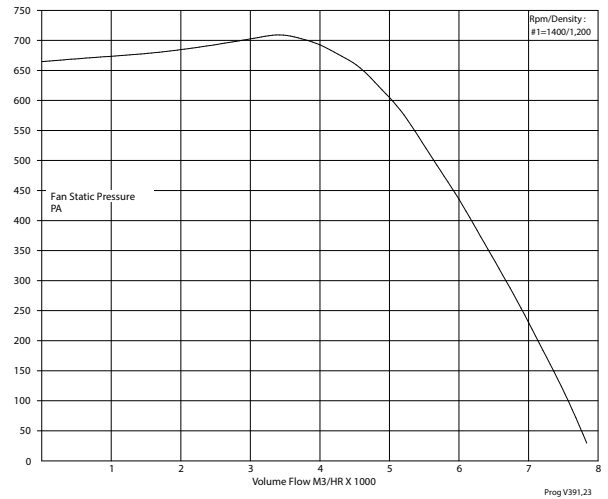
MC-BD 355/4K B



MC-BD 400/4K

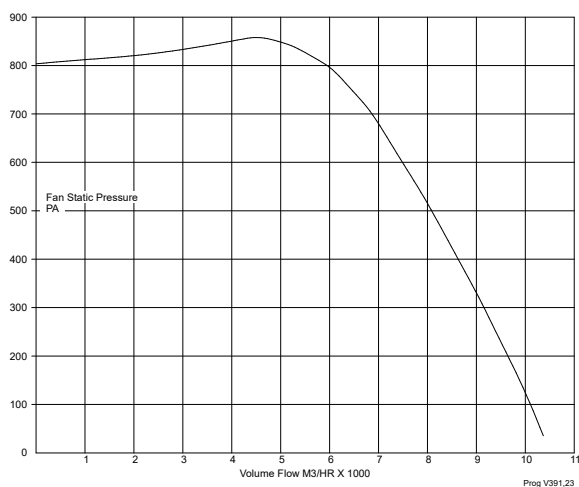


MC-BD 450/4K A

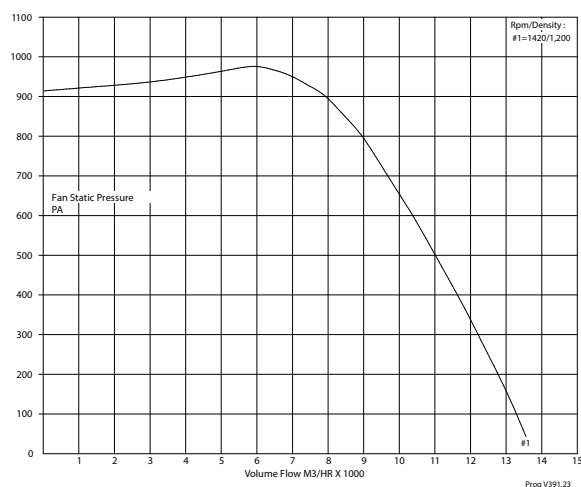


MC-BD 450/4K B

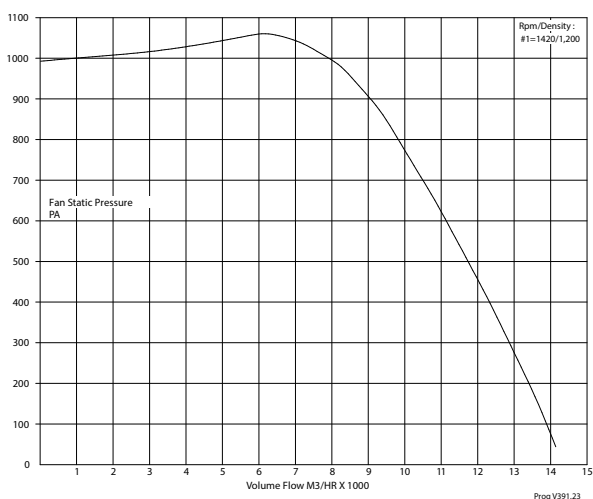
Pressure Curves



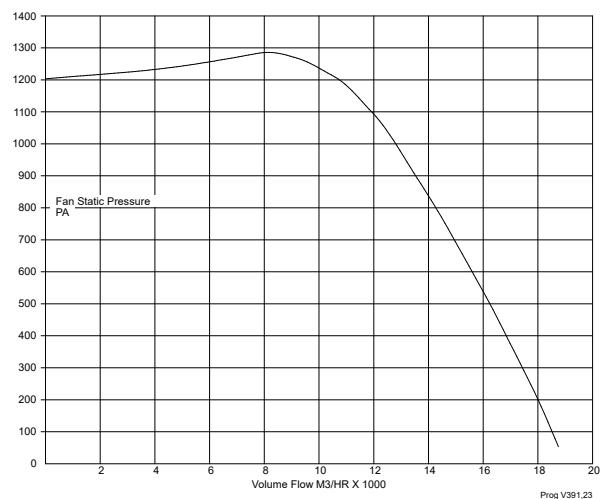
MC-BD 500/4K



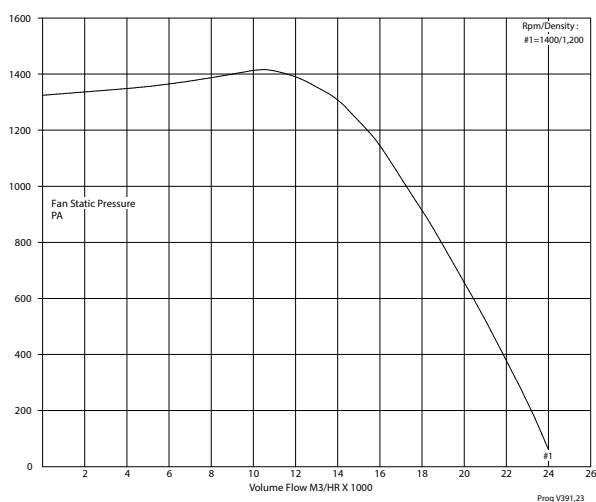
MC-BD 560/4K A



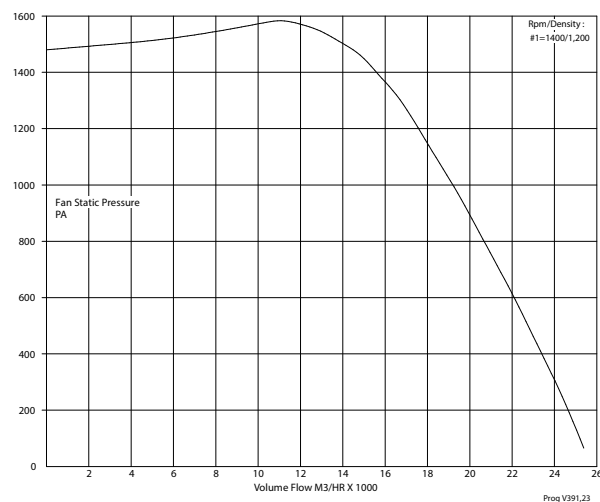
MC-BD 560/4K B



MC-BD 630/4K

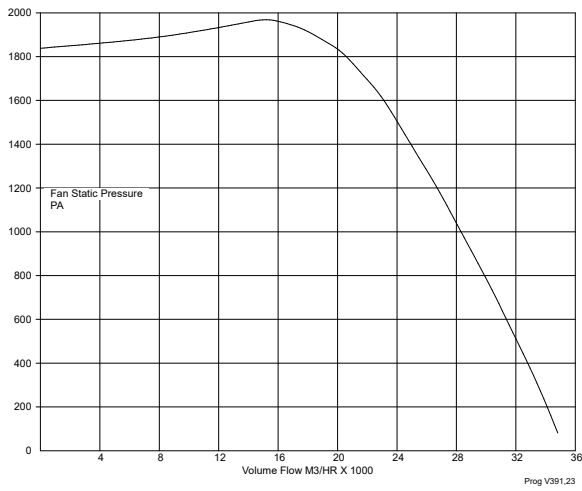


MC-BD 710/4K A

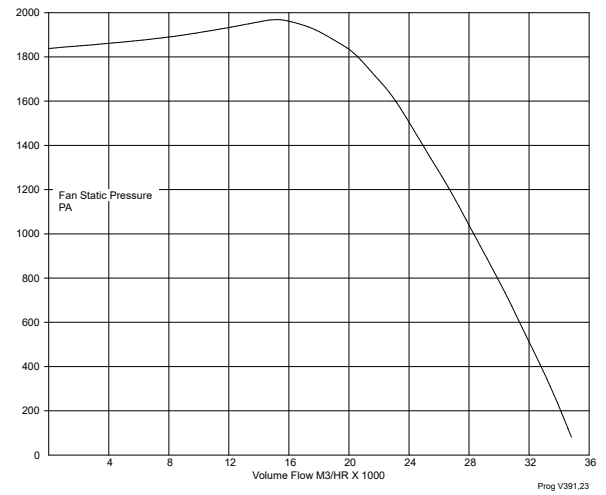


MC-BD 710/4K B

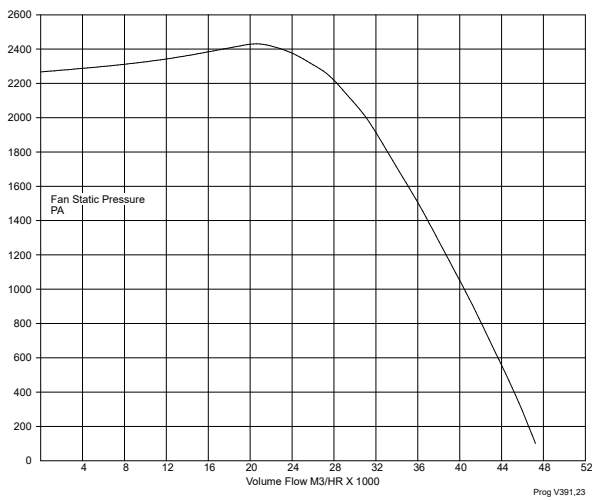
Pressure Curves



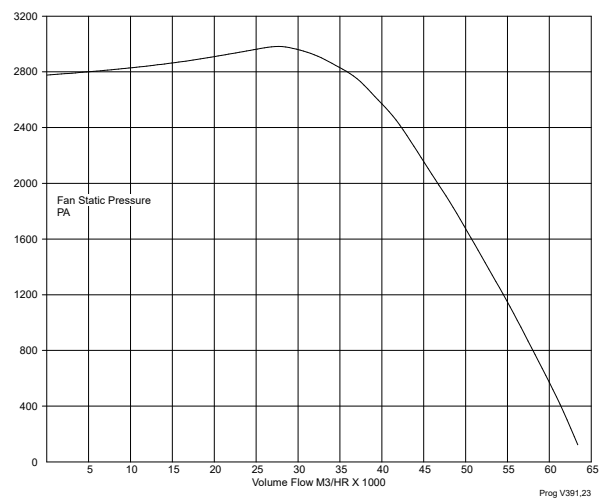
MC-BD 800/4K A



MC-BD 800/4K B



MC-BD 900/4K



MC-BD 1000/4K



Options On Request



Heavy Duty



Anti Corrosion Fans



Ex-Proof

MC-LP

DIRECT DRIVE CENTRIFUGAL FANS

MC-LP Serie Low Pressure Centrifugal fans provide high airflow with lower energy thanks to backward curved rotor structure and accouple motor assambling. Can be used in oily,dusty and polluted air extraction. Long term maintenance period.

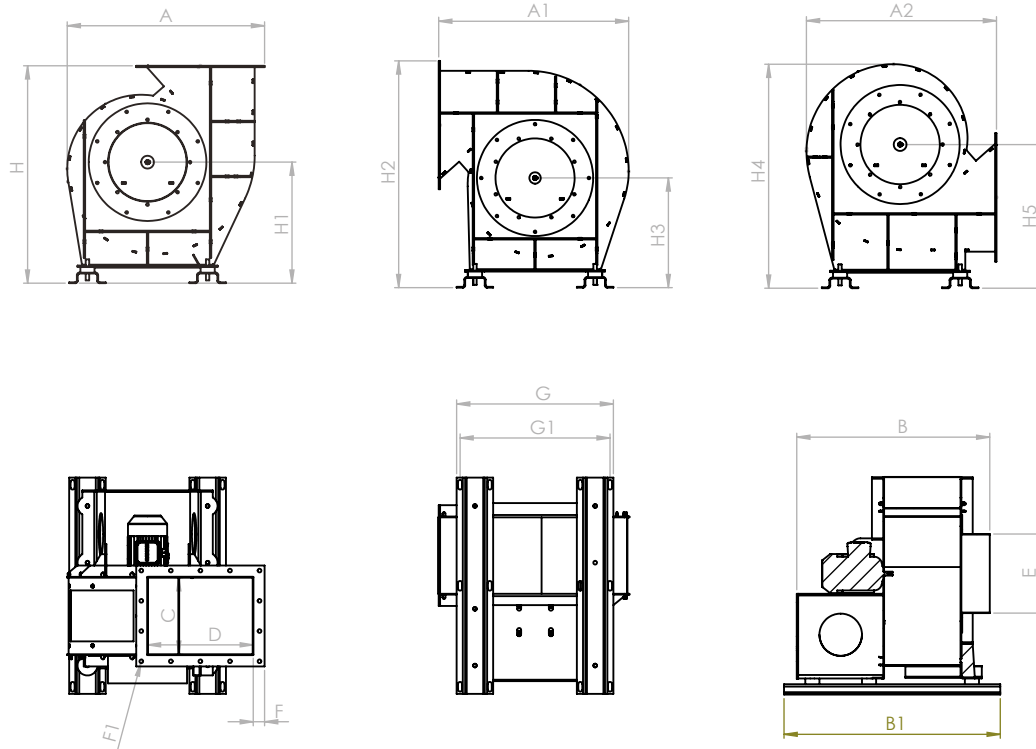
Technical Information

Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree	Kg. Max.
MC-LP 1	2000	250	9	0,37	1.450	1	50	380	80	60	27,6
MC-LP 2	4200	400	10	0,75	1450	2	50	380	82	60	38,6
MC-LP 3	5750	500	10	1,1	1450	3	50	380	85	60	44
MC-LP 4	7800	600	11	1,5	1450	4	50	380	88	60	67
MC-LP 5	8500	700	13	2,2	1450	5	50	380	92	60	67
MC-LP 6	10000	700	13,5	3	1450	6	50	380	95	60	85
MC-LP 7	12000	720	15	4	1450	8	50	380	98	60	114,5
MC-LP 8	15000	800	16	5,5	1450	11	50	380	102	60	143,6
MC-LP 9	18000	800	17	7,5	1450	15	50	380	105	60	178,6



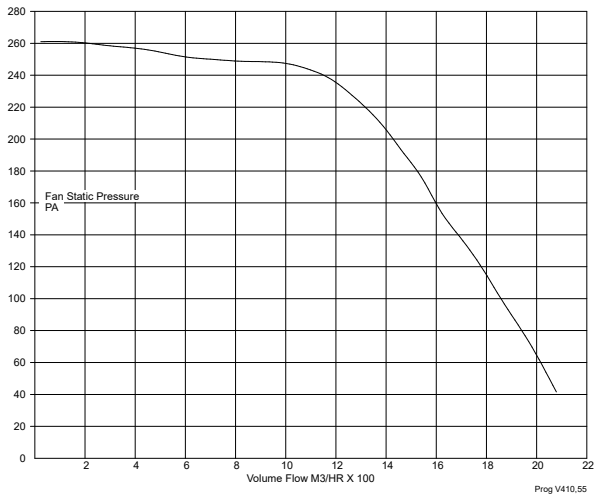


Technical Dimensions

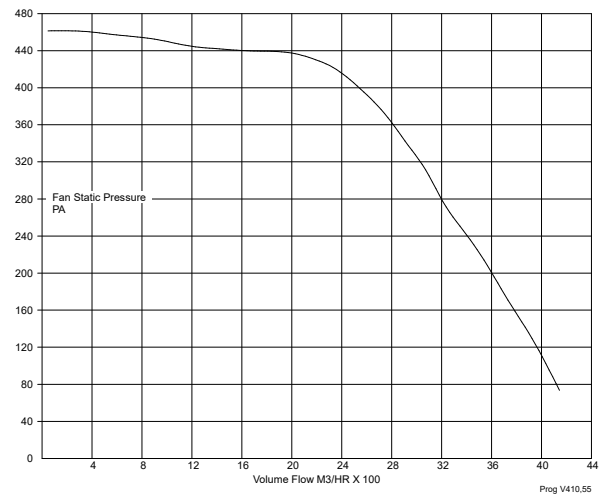


Model Type	A	A1	A2	B	B1	C	D	E	F	F1	G	G1	H	H1	H2	H3	H4	H5
MC-LP 1	2000	250	9	0,37	1.450	1	50	380	80	60	27,6	419	670	396	728	396	642	396
MC-LP 2	4200	400	10	0,75	1450	2	50	380	82	60	38,6	471	710	425	818	425	673	425
MC-LP 3	5750	500	10	1,1	1450	3	50	380	85	60	44	532	821	443	812	443	778	443
MC-LP 4	7800	600	11	1,5	1450	4	50	380	88	60	67	568	888	536	1010	536	873	536
MC-LP 5	8500	700	13	2,2	1450	5	50	380	92	60	67	568	888	536	1010	536	873	536
MC-LP 6	10000	700	13,5	3	1450	6	50	380	95	60	85	608	990	624	1145	624	980	624
MC-LP 7	12000	720	15	4	1450	8	50	380	98	60	114,5	638	1054	663	1243	663	1082	663
MC-LP 8	15000	800	16	5,5	1450	11	50	380	102	60	143,6	728	1149	732	1351	732	1203	732
MC-LP 9	18000	800	17	7,5	1450	15	50	380	105	60	178,6	810	1245	802	1459	802	1324	802

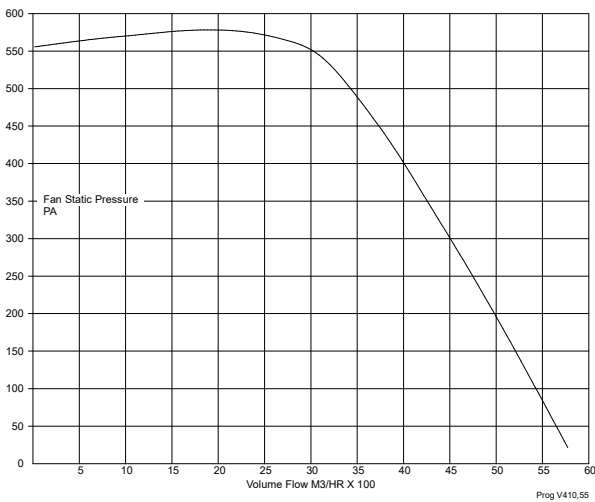
Pressure Curves



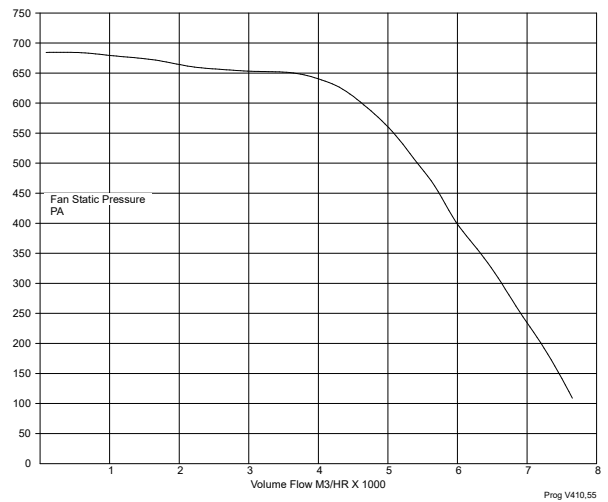
MC-LP 1



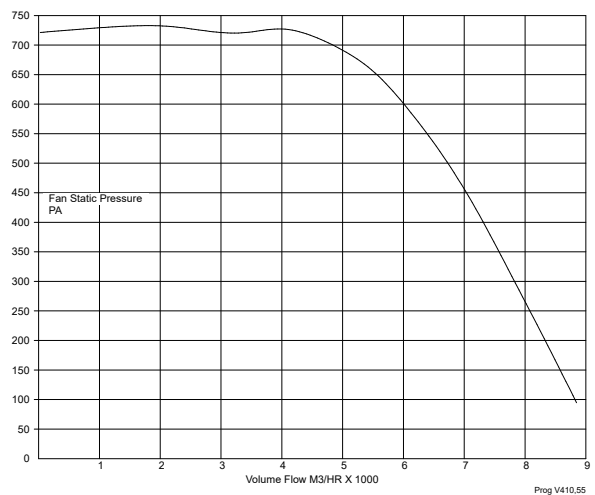
MC-LP 2



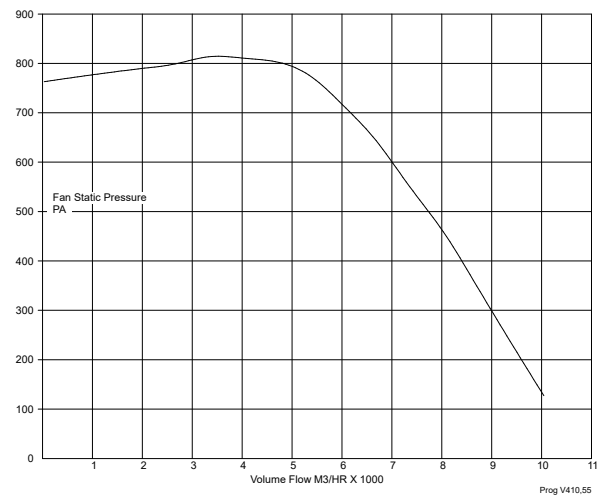
MC-LP 3



MC-LP 4



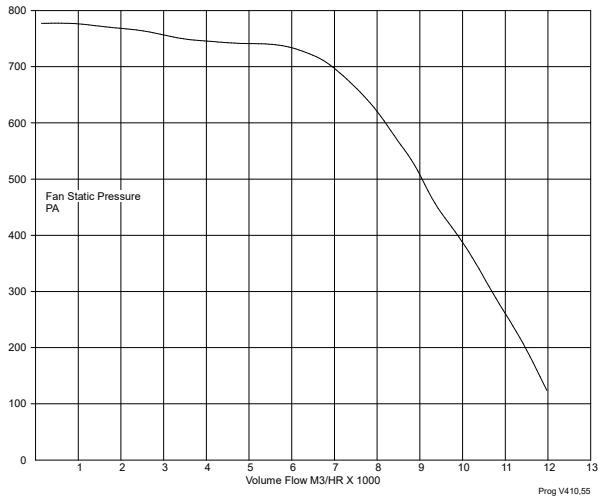
MC-LP 5



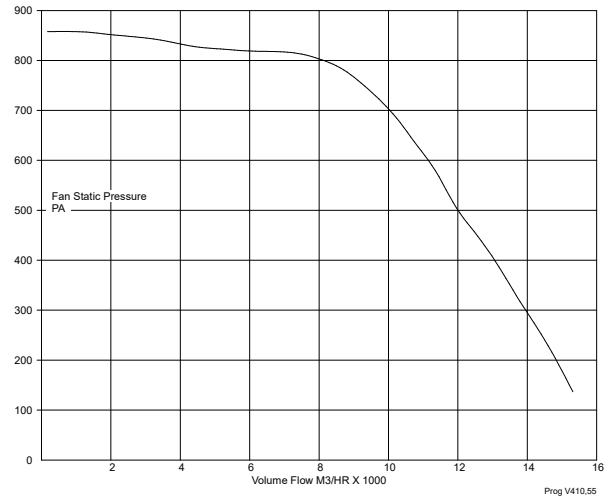
MC-LP 6



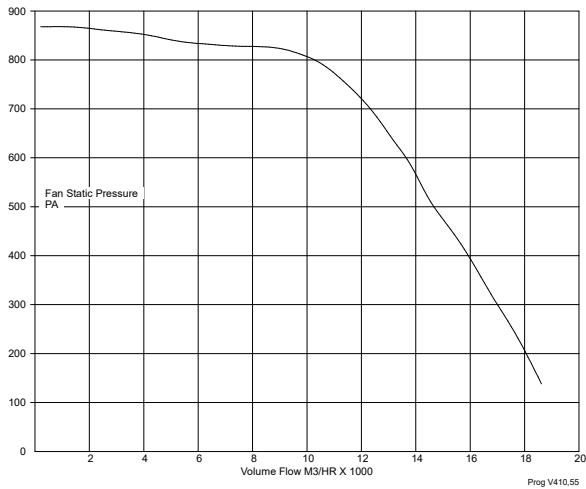
Pressure Curves



MC-LP 7



MC-LP 8



MC-LP 9





Options On Request



Heavy Duty



Anti Corrosion Fans



Ex-Proof

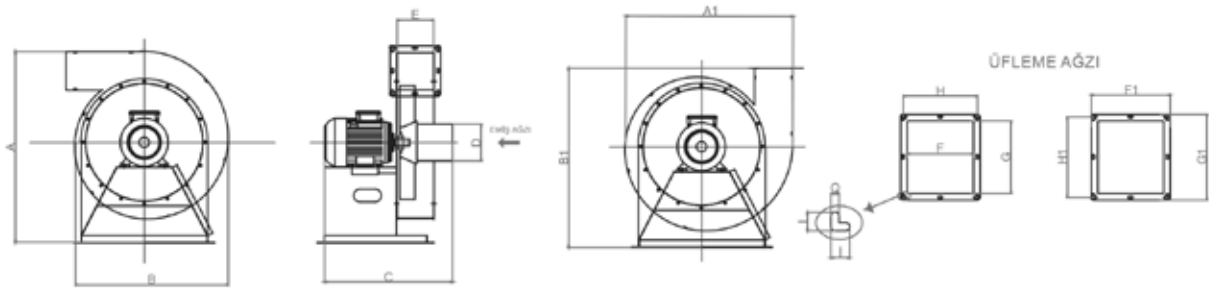
MC-MP

MEDIUM PRESSURE CENTRIFUGAL FANS

MC-MP serie Medium Pressure Centrifugal fans have single inlet and accopuled motor design structure. Backward curved impeller made of sheet steel, specially designed for air with a lot of dust and small wood dusts and materials.

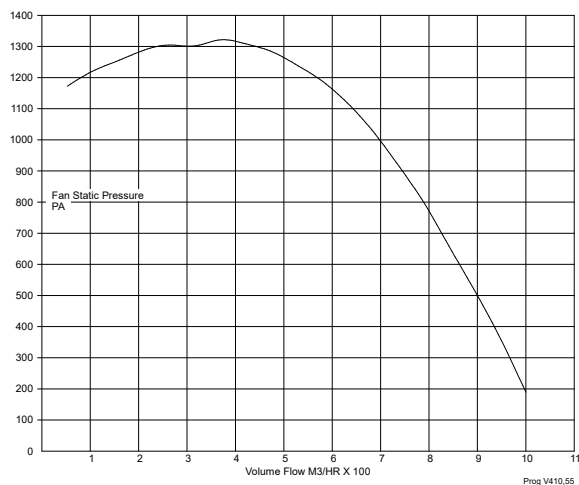
Technical Information

Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree	Kg. Max.
MC-MP 1	1000	1200	17	0,37	2.800	0,75	50	380	80	60	25
MC-MP 2	1200	2000	18	0,75	2800	1,6	50	380	82	60	34
MC-MP 3	1300	3000	22	1,1	2800	2,3	50	380	85	60	40
MC-MP 4	1600	3500	23	1,5	2800	3,4	50	380	88	60	58
MC-MP 5	2000	4000	25,5	2,2	2800	4,48	50	380	92	60	62
MC-MP 6	2200	4500	28	3	2800	6	50	380	95	60	80
MC-MP 7	2500	5000	29	4	2800	7,4	50	380	98	60	95
MC-MP 8	3000	6000	30	5,5	2800	11	50	380	102	60	115
MC-MP 9	4200	7000	31	7,5	2800	13,6	50	380	105	60	125
MC-MP 10	5500	8500	33	11	2800	19,5	50	380	110	60	180

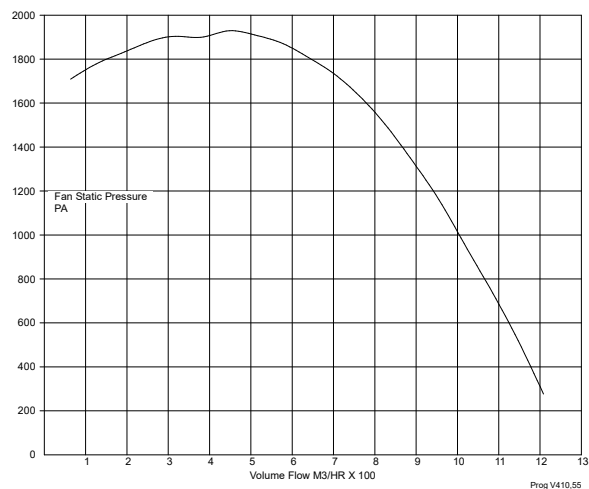


Model Type	F	G	F1	G1	H	H1	I	i	Q
MC-MP 1	120	132	190	202	163	175	25	25	11
MC-MP 2	120	132	190	202	163	175	25	25	11
MC-MP 3	120	132	190	202	163	175	25	25	11
MC-MP 4	120	132	190	202	163	175	25	25	11
MC-MP 5	120	132	190	202	163	175	25	25	11
MC-MP 6	145	157	215	227	188	200	25	25	11
MC-MP 7	145	157	215	227	188	200	25	25	11
MC-MP 8	198	207	268	227	241	250	25	25	11
MC-MP 9	198	207	268	227	241	250	25	25	11
MC-MP 10	198	207	268	227	241	250	25	25	11

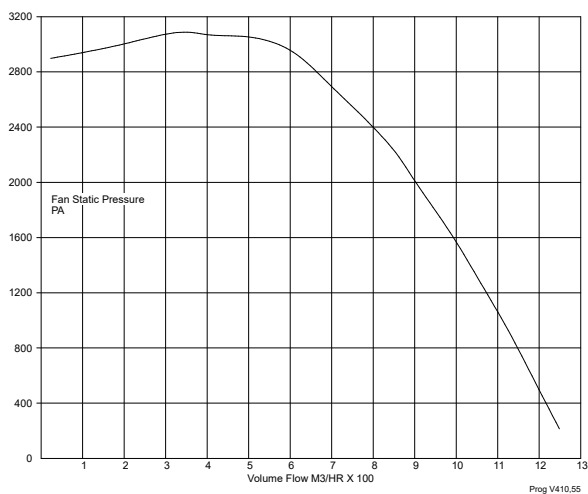
Technical Dimensions



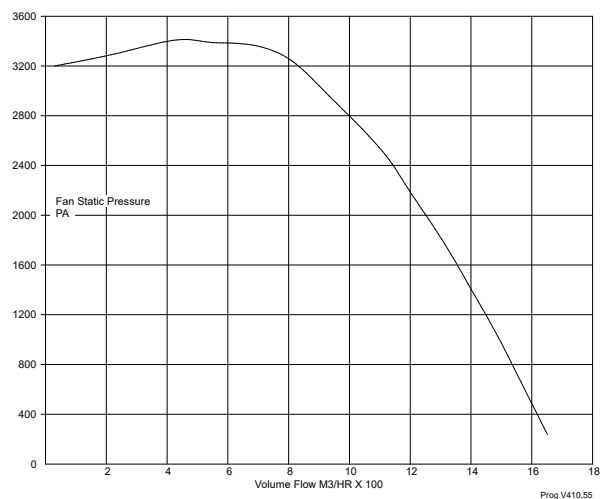
MC-MP 1



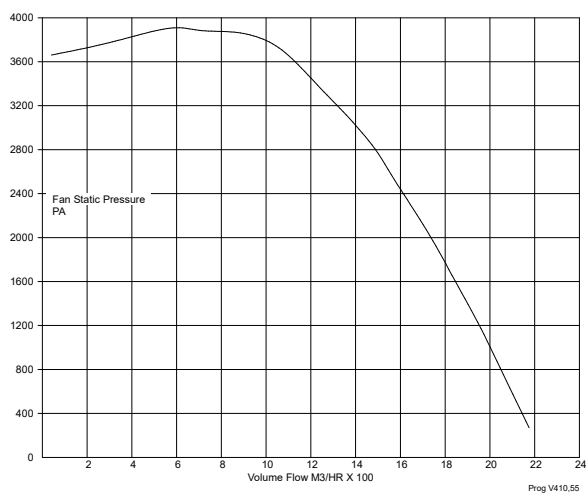
MC-MP 2



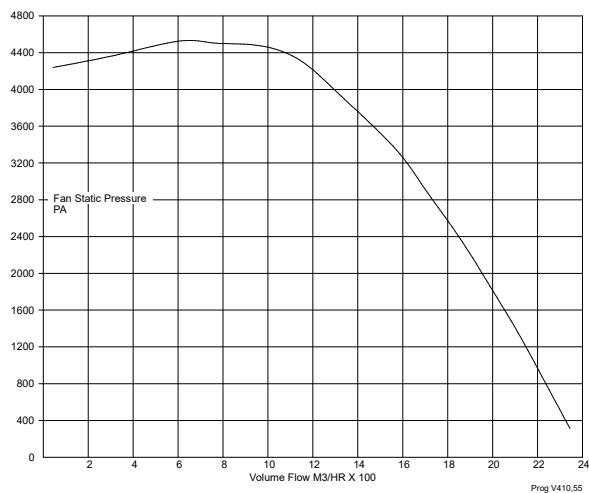
MC-MP 3



MC-MP 4

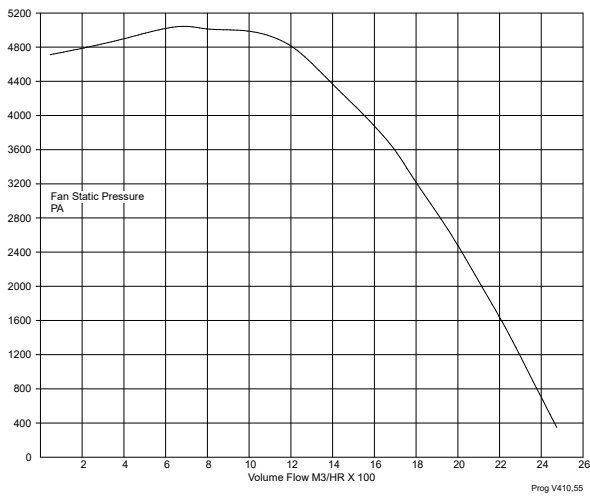


MC-MP 5

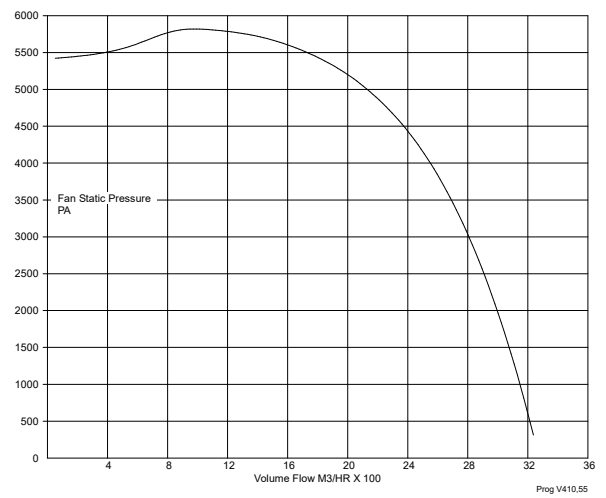


MC-MP 6

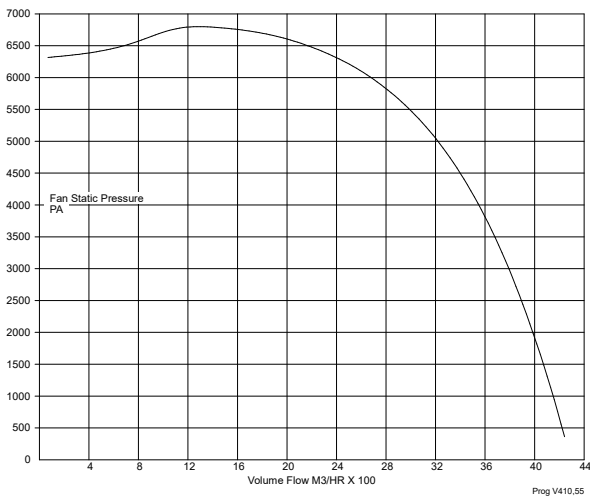
Pressure Curves



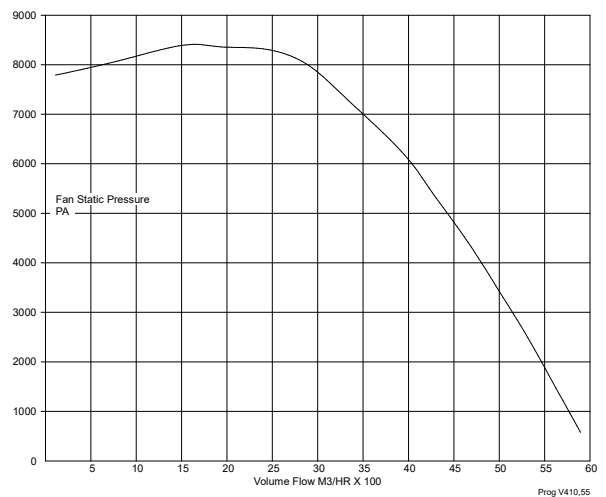
MC-MP 7



MC-MP 8



MC-MP 9



MC-MP 10



Options On Request



Heavy Duty



Anti Corrosion Fans



Ex-Proof

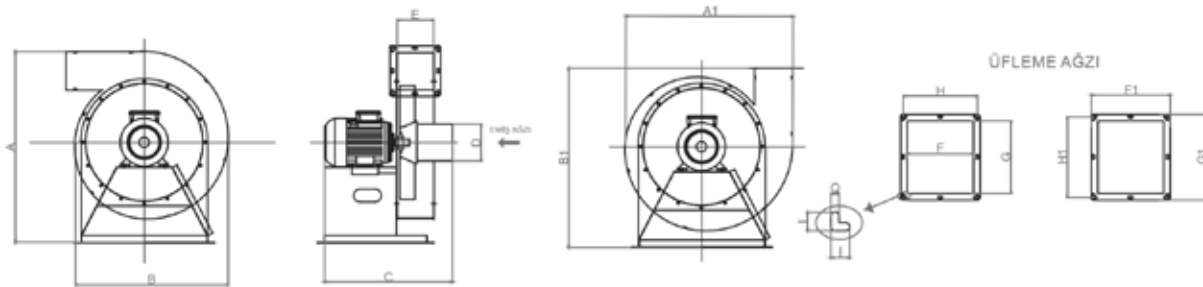
MC-HP

HIGH PRESSURE CENTRIFUGAL FANS

MC-HP serie High pressure and single inlet centrifugal fans with sheet steel casing and impeller. Designed for clean and dusty air in the projects.

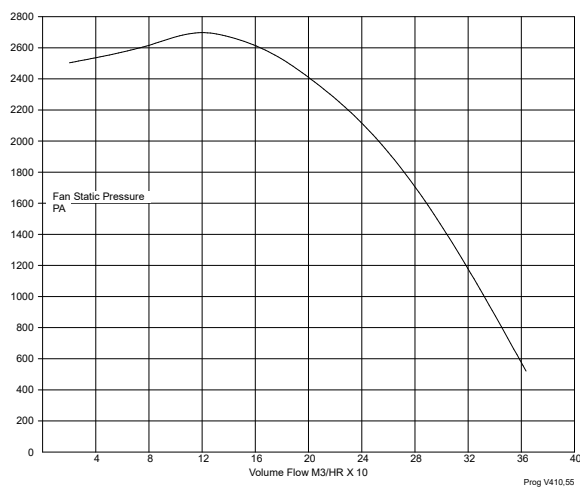
Technical Information

Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree	Kg. Max.
MC-HP 1	350	2500	26	0,37	2.800	0,75	50	380	80	60	25
MC-HP 2	400	3000	28	0,75	2800	1,6	50	380	82	60	34
MC-HP 3	450	3200	30	1,1	2800	2,3	50	380	85	60	40
MC-HP 4	500	4500	36	1,5	2800	3,4	50	380	88	60	58
MC-HP 5	600	5000	38	2,2	2800	4,48	50	380	92	60	62
MC-HP 6	1000	7000	42	3	2800	6	50	380	95	60	80
MC-HP 7	1200	8000	46	4	2800	7,4	50	380	98	60	95
MC-HP 8	1300	9000	46	5,5	2800	11	50	380	102	60	115
MC-HP 9	1600	10000	47	7,5	2800	13,6	50	380	105	60	125
MC-HP 10	1700	12000	47	11	2800	19,5	50	380	110	60	180

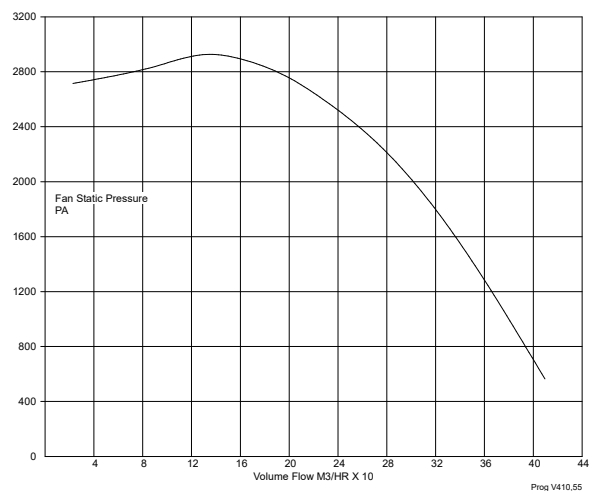


Model Type	F	G	F1	G1	H	H1	I	i	Q
MC-HP 1	55	132	125	202	98	175	25	25	11
MC-HP 2	55	132	125	202	98	175	25	25	11
MC-HP 3	55	132	125	202	98	175	25	25	11
MC-HP 4	55	132	125	202	98	175	25	25	11
MC-HP 5	65	132	135	202	108	175	25	25	11
MC-HP 6	75	157	145	277	118	200	25	25	11
MC-HP 7	75	157	145	277	118	200	25	25	11
MC-HP 8	75	207	145	277	118	250	25	25	11
MC-HP 9	90	207	160	277	133	250	25	25	11
MC-HP 10	90	207	160	277	133	250	25	25	11

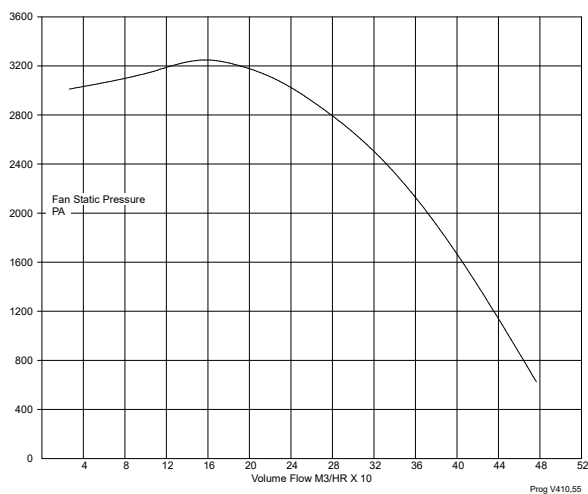
Technical Dimensions



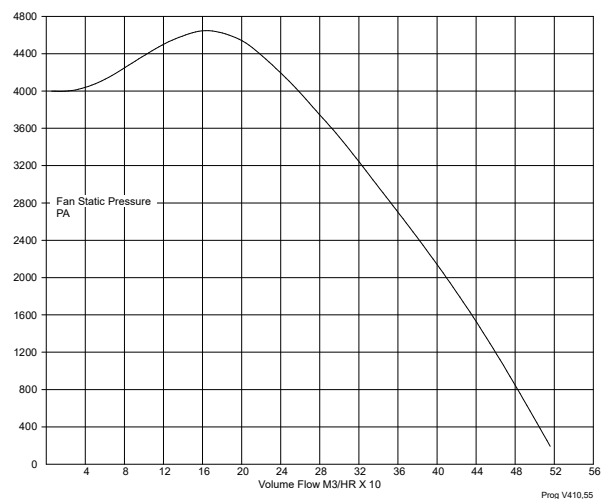
MC-HP 1



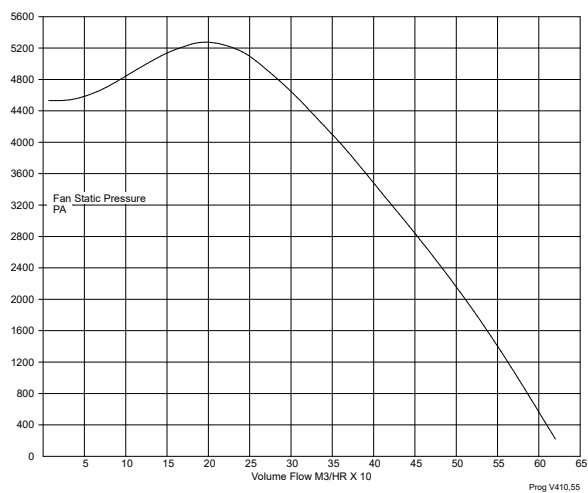
MC-HP 2



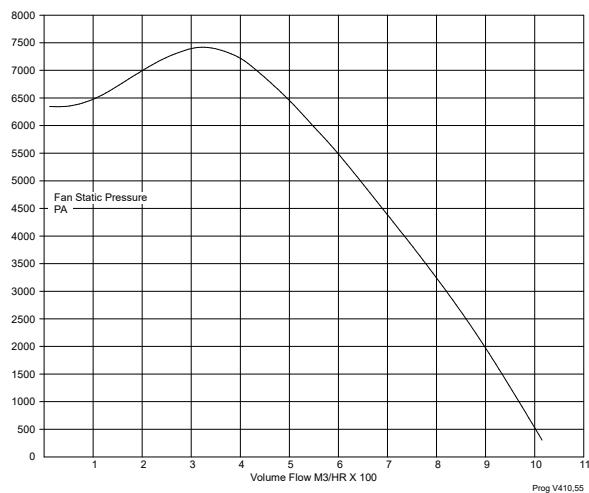
MC-HP 3



MC-HP 4

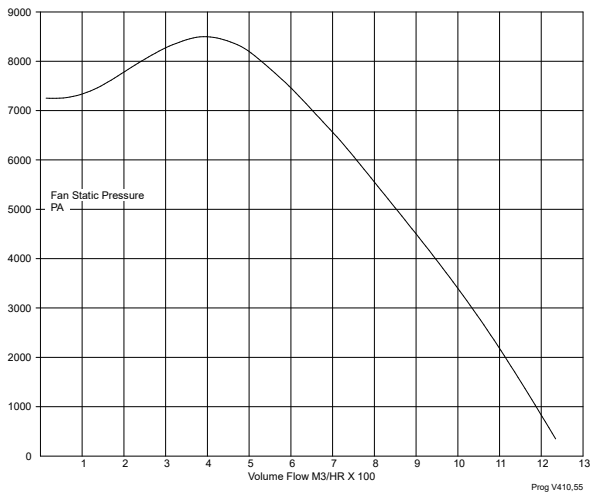


MC-HP 5

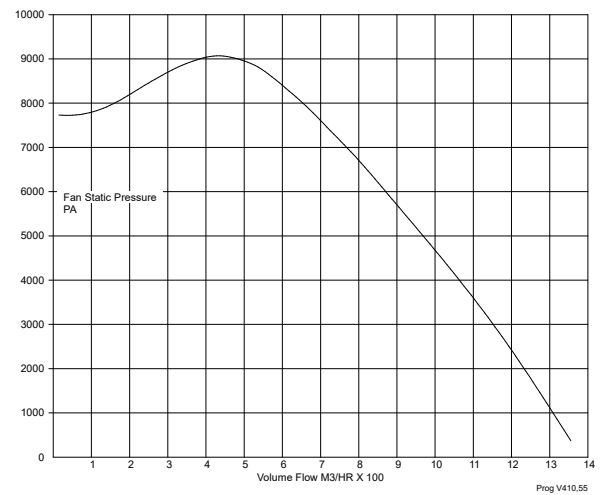


MC-HP 6

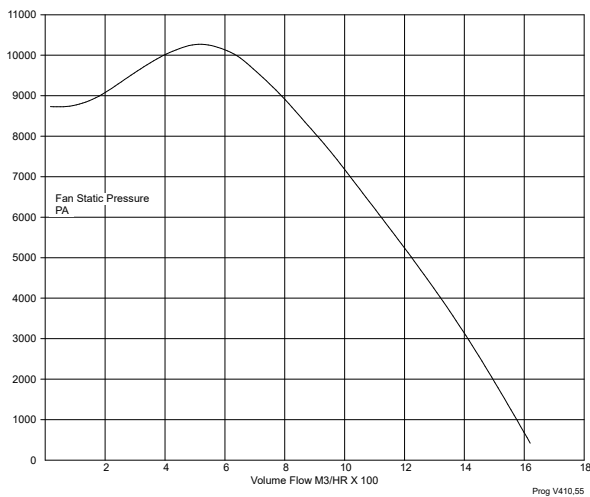
Pressure Curves



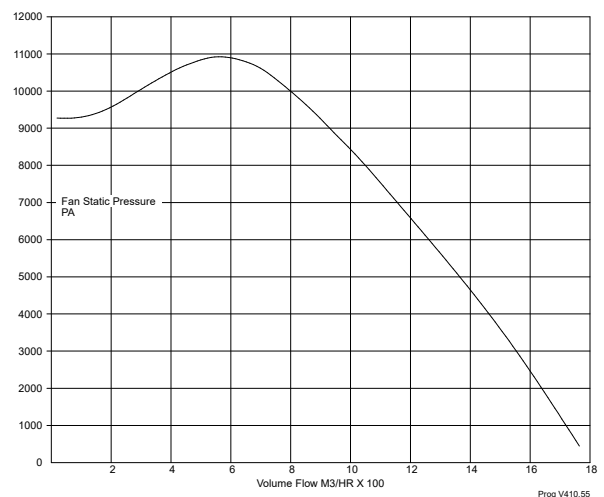
MC-HP 7



MC-HP 8



MC-HP 9



MC-HP 10



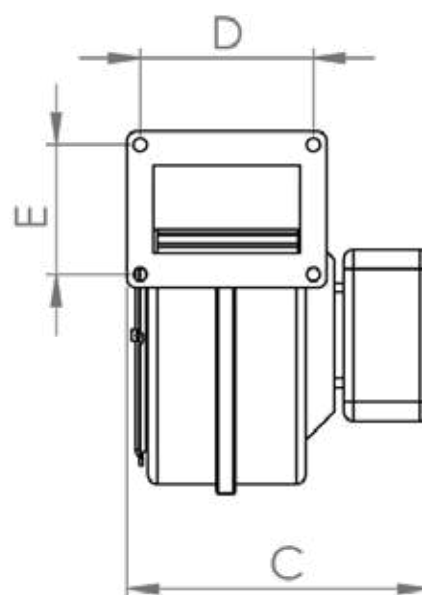
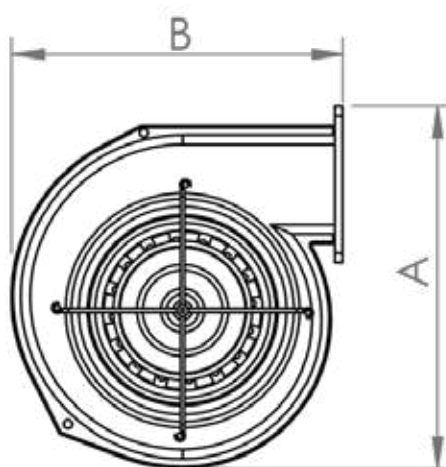
MC-ALU

SINGLE INLET CENTRIFUGAL FAN WITH ALUMINIUM BODY

MC-ALU serie fans widely used in boilers thanks to aluminium injected case, forward-curved impeller and small size.

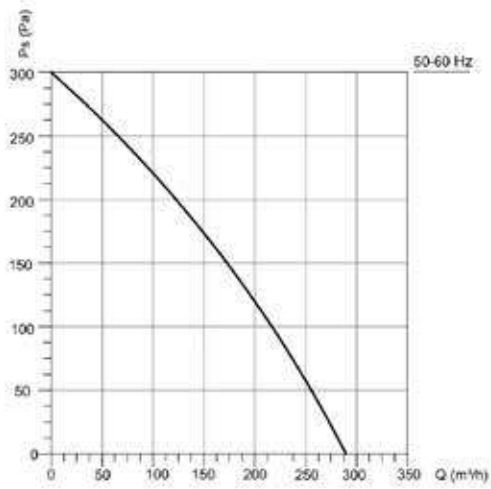
Technical Information

Model Type	Max m ³ /h	Watt	"rpm d/d"	Hz	Voltage	"Sound Db"
MC-ALU 120	275	84	2450	50	230	55
MC-ALU 140	485	137	2265	50	230	58
MC-ALU 160	600	193	2100	50	230	61

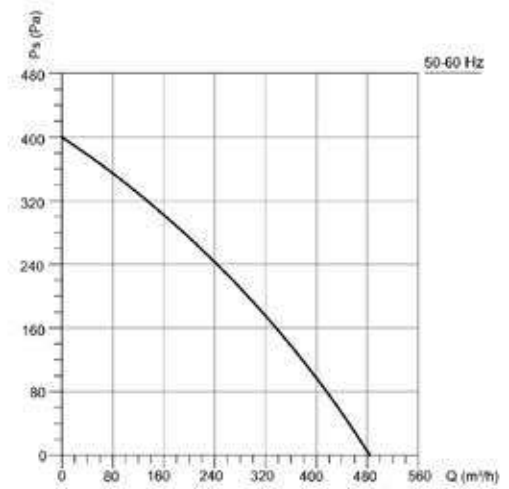


Model Type	A	B	C	D	E
MC-ALU 120	566	457	436	526	444
MC-ALU 140	607	480	515	600	455
MC-ALU 160	657	553	535	622	456

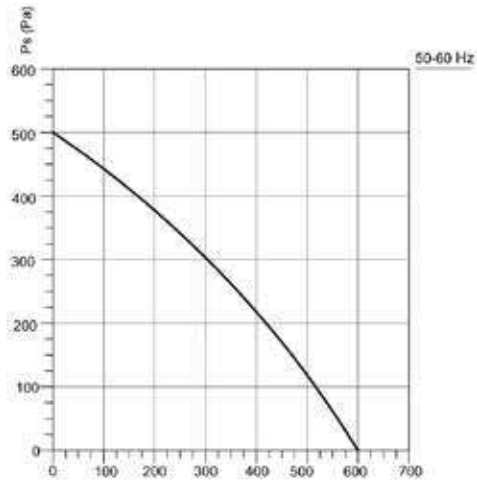
Technical Dimensions



MC-ALU 120



MC-ALU 140



MC-ALU 160





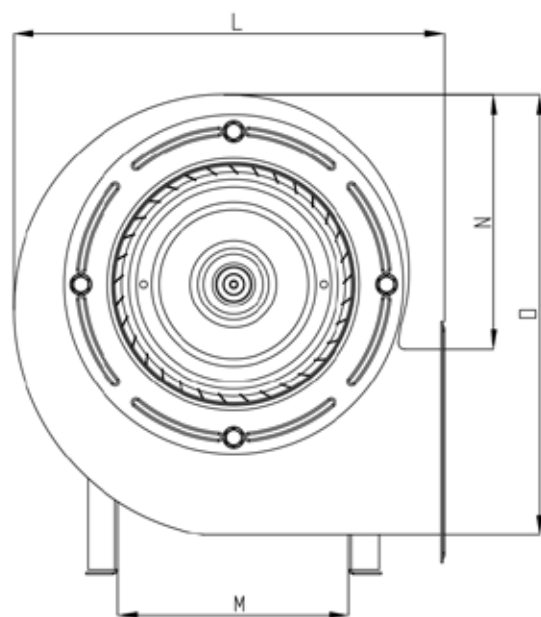
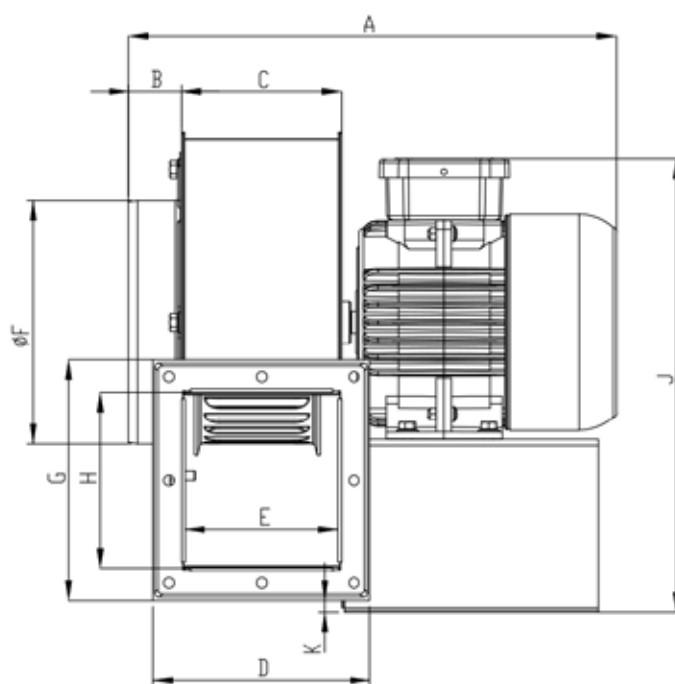
MC-F

FANS TRANSFER HIGH AIRFLOW RATES

MC-F serie fans transfer high airflow rates. Single suction & forward curved radial fan type structure. Fan wheel is made of high quality galvanized steel which is resistant to corrosion.

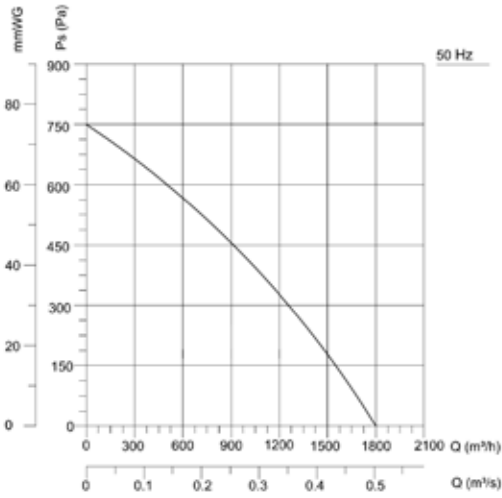
Technical Information

Model Type	Max m ³ /h	Watt	"rpm d/d"	Hz	Voltage	"Sound Db"
MC-F 200 M - 2K	1800	450	2770	50	230	55
MC-F 200 M - 4K	850	190	1450	50	230	58
MC-F 200 T - 2K	1800	140	2900	50	380	61
MC-F 200 T - 2K	850	190	1495	50	380	58
MC-F 260 M - 2K	2700	0,75	2820	50	230	72
MC-F 260 M - 4K	1450	0,25	1380	50	230	66
MC-F 260 T - 2K	2700	0,75	2820	50	380	72
MC-F 260 T - 2K	1450	0,25	1380	50	380	66

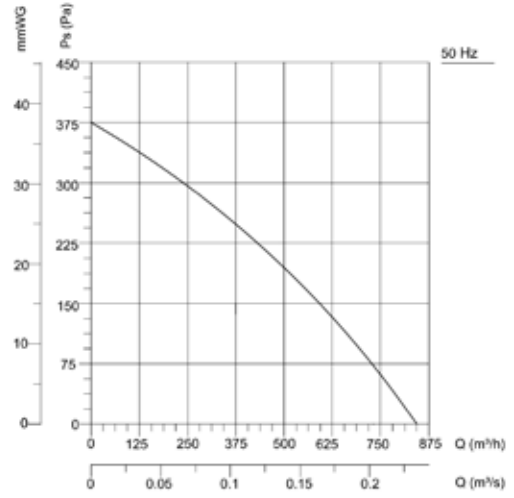


Model Type	A	B	C	D	E	F	G	H	J	K	L	M	N	O
MC-F 200	322	34	107	145	102	150	160	113	310	10	288	150	170	295
MC-F 260	361	194	155	119	197	128	405	327	162	162	137	115	140	163

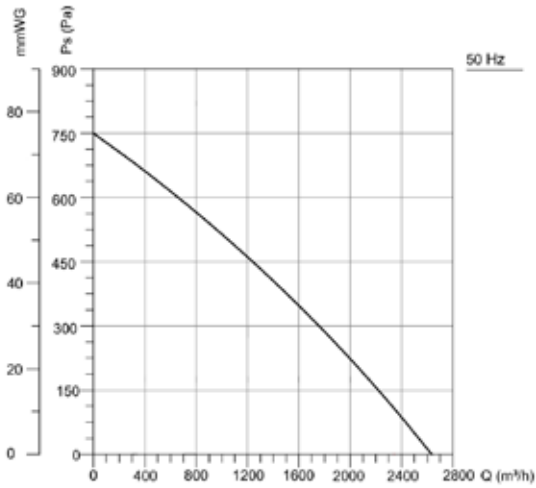
Technical Dimensions



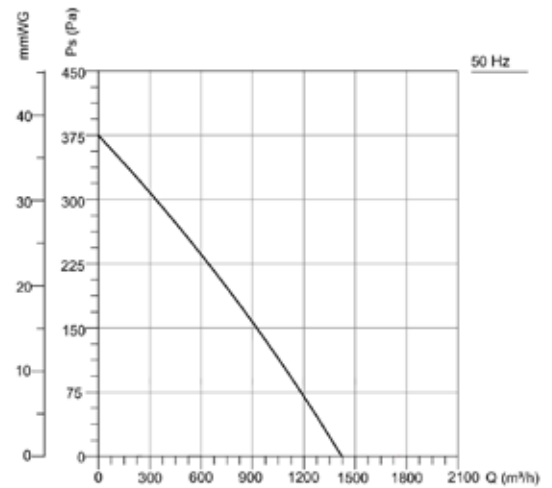
MC-F 200 M



MC-F 200 T



MC-F 260 M



MC-F 260 T





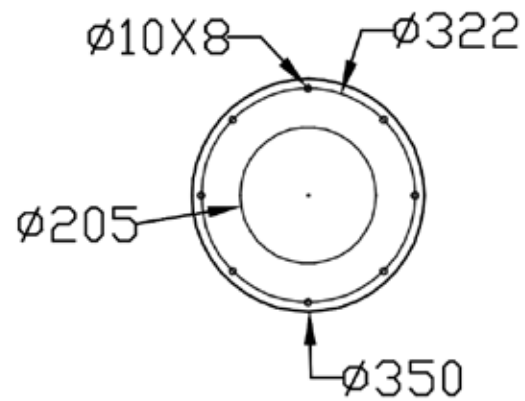
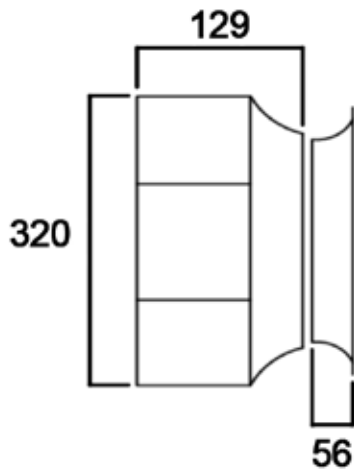
MC-P

PLUG FAN TYPE CENTRIFUGAL FANS

MC-P serie Plug Fan type centrifugal fans provide high efficiency. Impeller is made of ST37 Metal sheet and welded. Impeller paint with electrostatic powder and balance process is being made, accordingly.

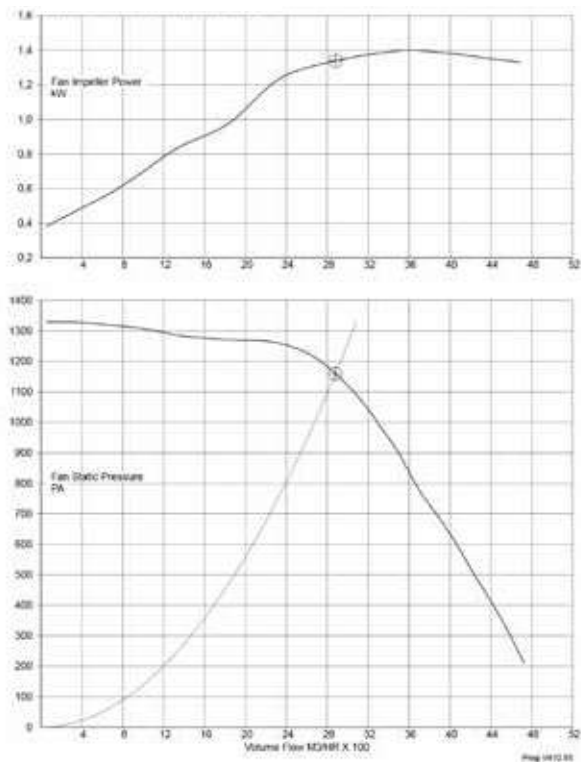
Technical Information

Model Type	Max m ³ /h	KW	Shaft Diameters	Max. °C	rpm d/d	Kg	Rotation Direction Option
MC-P 315	2000	0,25	14-19-24	100	1.450	8	Left - Right
MC-P 355	2800	0,37	14-19-24	100	1450	11	Left - Right
MC-P 400	4200	0,55	19-24-28	100	1450	18	Left - Right
MC-P 450	7000	1,1	19-24-28	100	1450	20	Left - Right
MC-P 500	10000	2,2	24-28-38	100	1450	22	Left - Right
MC-P 560	12500	3	24-28-38	100	1450	26	Left - Right
MC-P 630	18000	5,5	38-42	100	1450	35	Left - Right
MC-P 710	20000	7,5	38-42	100	1450	40	Left - Right
MC-P 800	30000	15		100	1450		Left - Right
MC-P 900	45000	22		100	1450		Left - Right
MC-P 1000	60000	30		100	1450		Left - Right

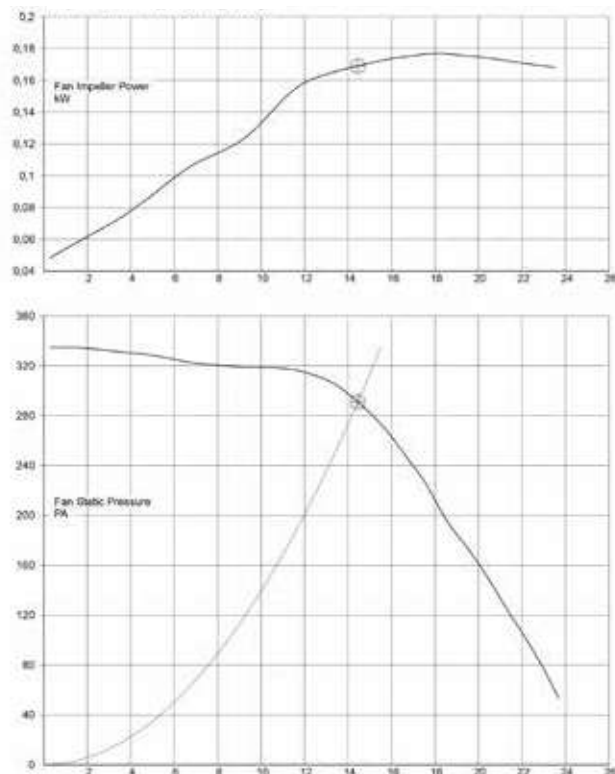


Model Type	A	B	C	D	E	F	G
MC-P 315	129	320	56	Ø 322	Ø 10X8	Ø 205	Ø 350
MC-P 355	144	365	60	Ø 356	Ø 10X8	Ø 235	Ø 380
MC-P 400	163	406	72	Ø 395	Ø 10X8	Ø 260	Ø 420
MC-P 450	180	455	77	Ø 438	Ø 10X6	Ø 295	Ø 465
MC-P 500	204	511	84	Ø 487	Ø 10X8	Ø 330	Ø 510
MC-P 560	230	571	93	Ø 541	Ø 10X8	Ø 370	Ø 565
MC-P 630	259	643	110	Ø 605	Ø 12X8	Ø 415	Ø 645
MC-P 710	280	720	121	Ø 672	Ø 12X8	Ø 465	Ø 710

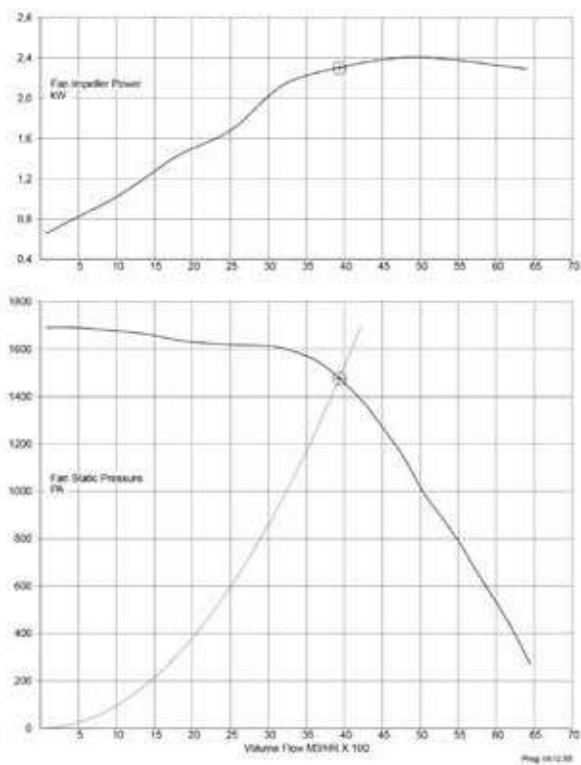
Pressure Curves



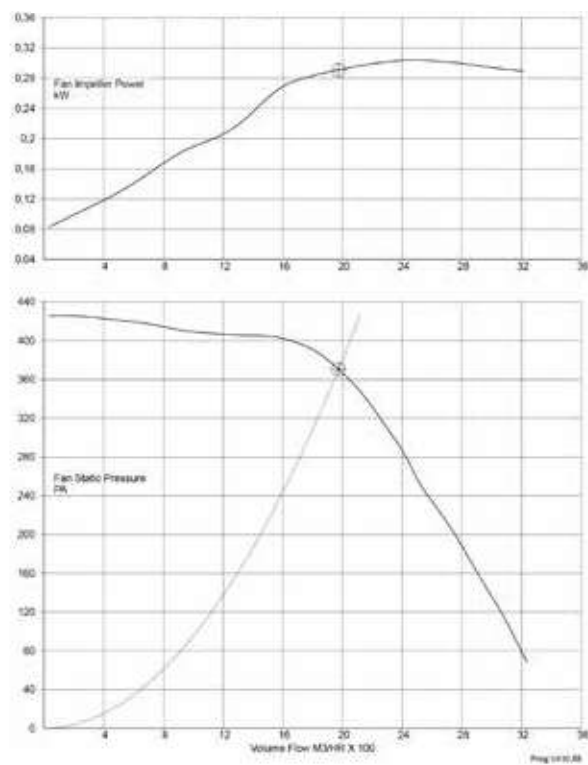
MC-P 315-2K



MC-P 315-4K

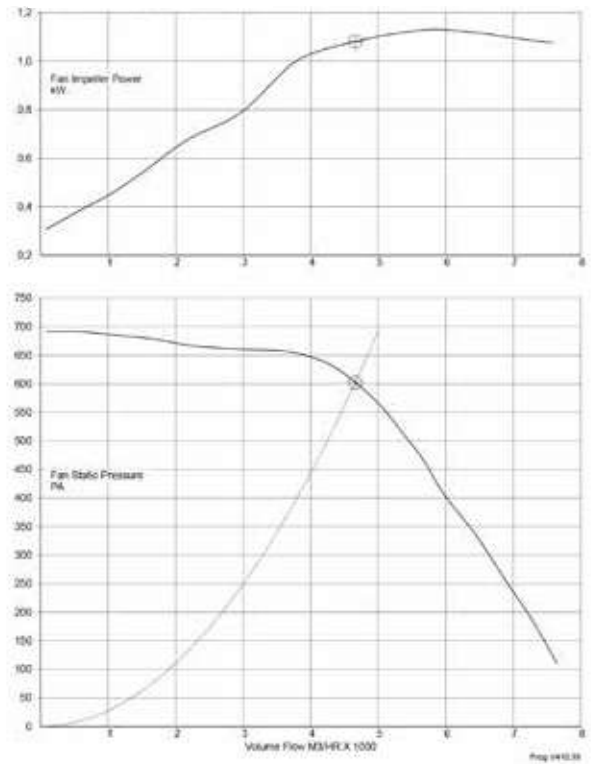
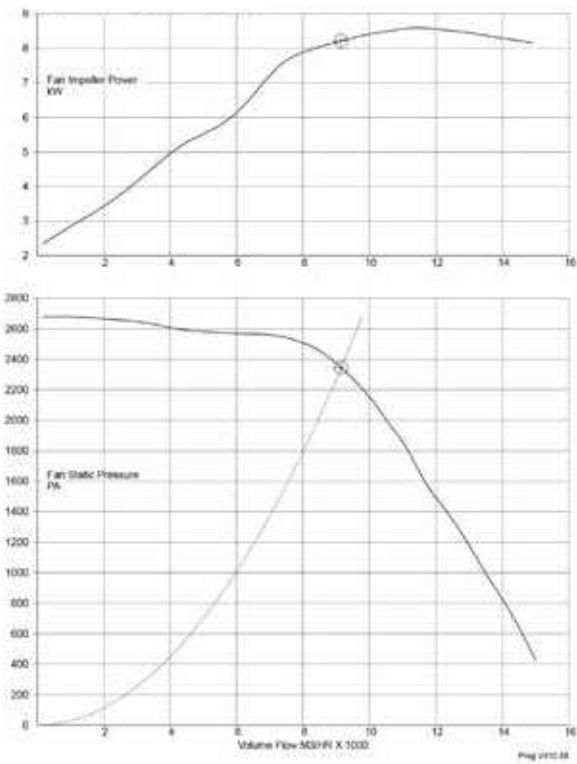
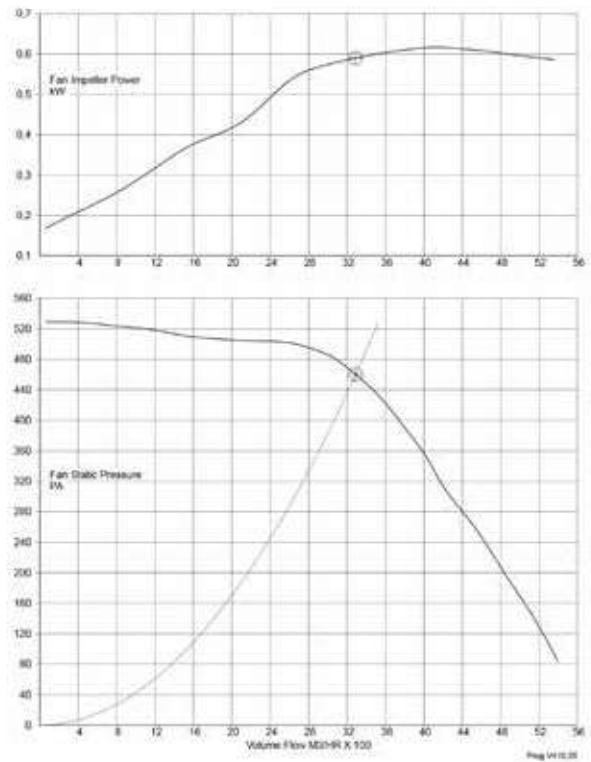
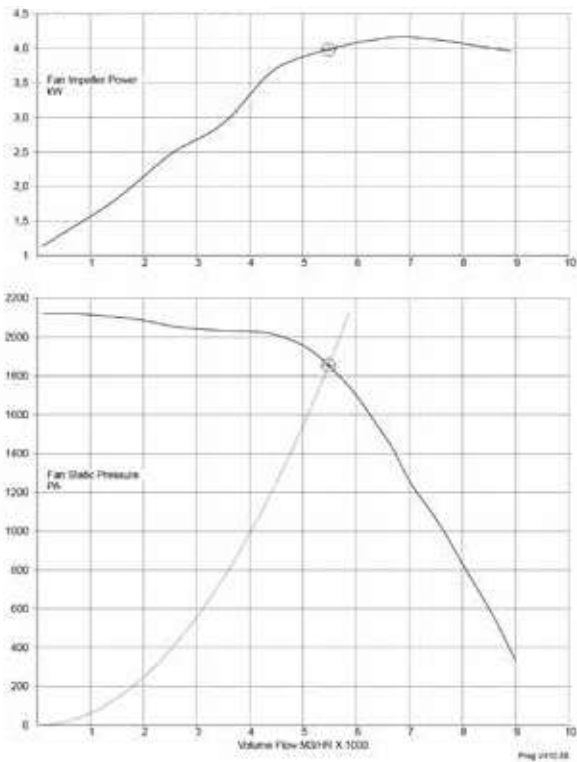


MC-P 355-2K

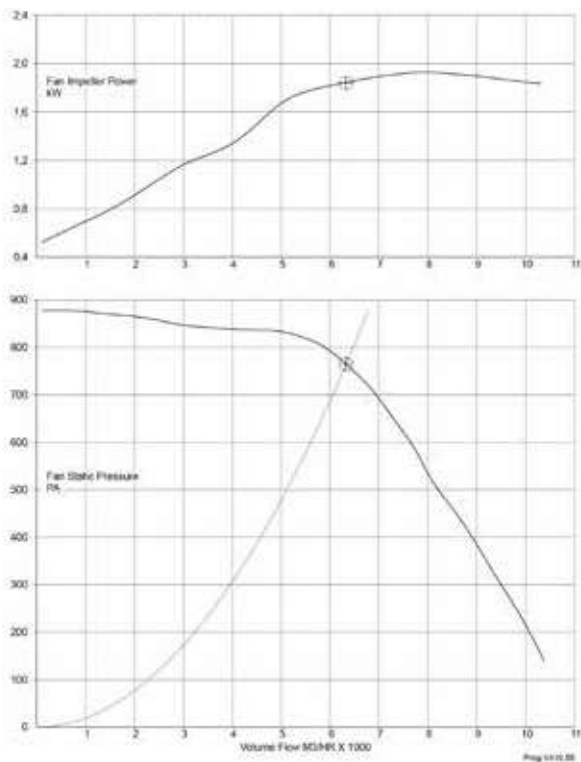


MC-P 355-4K

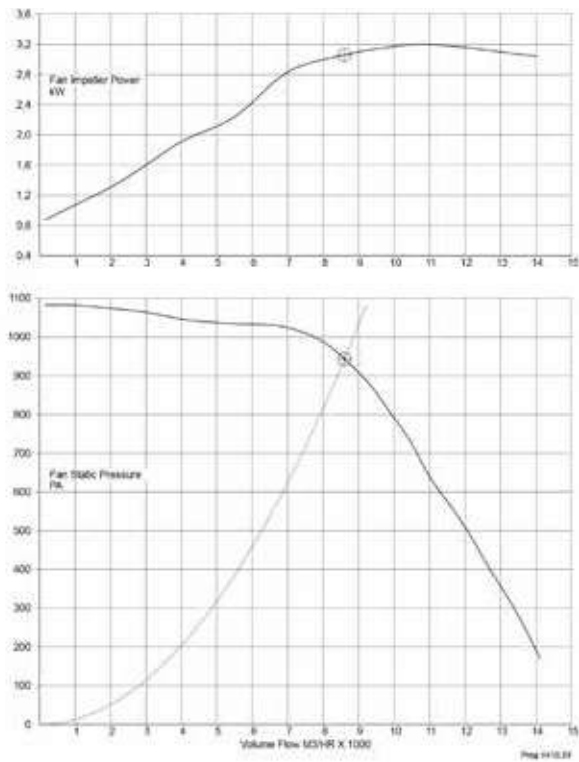
Pressure Curves



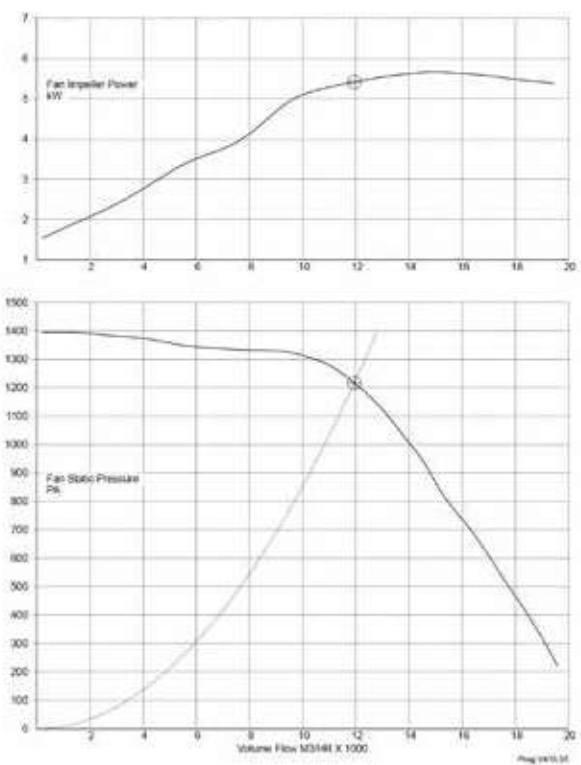
Pressure Curves



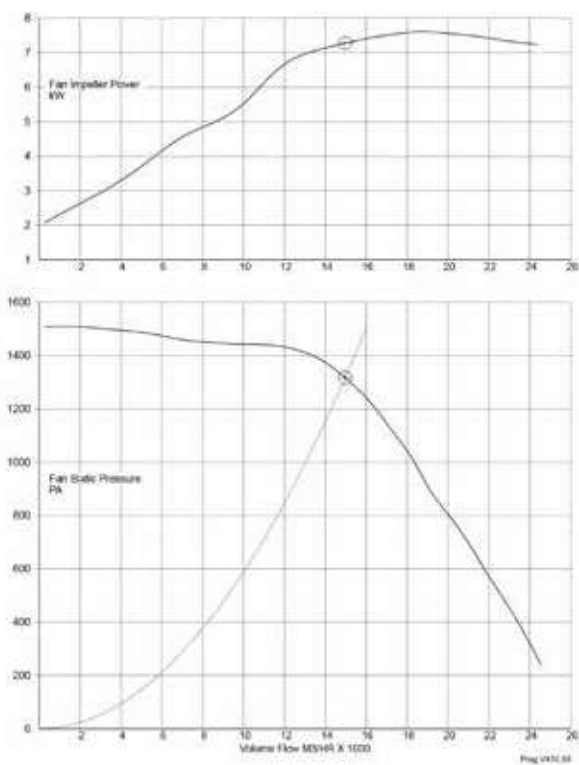
MC-P 500-4K



MC-P 560-4K

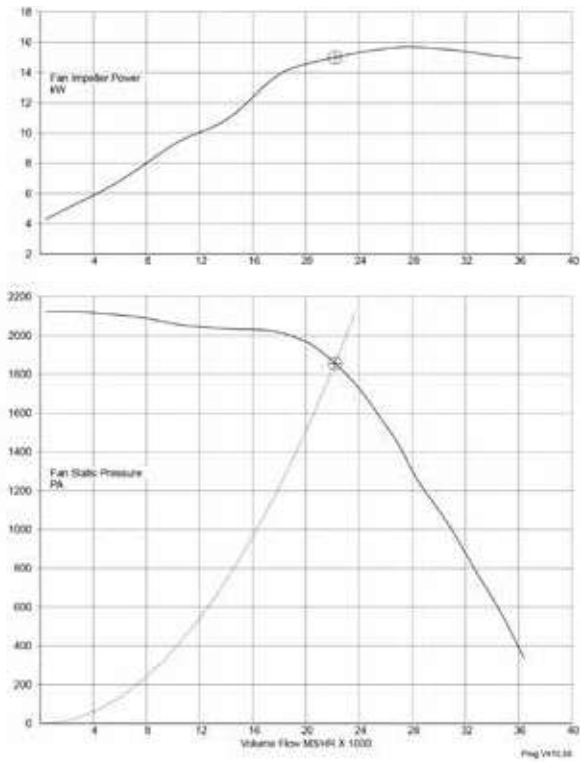


MC-P 630-4K

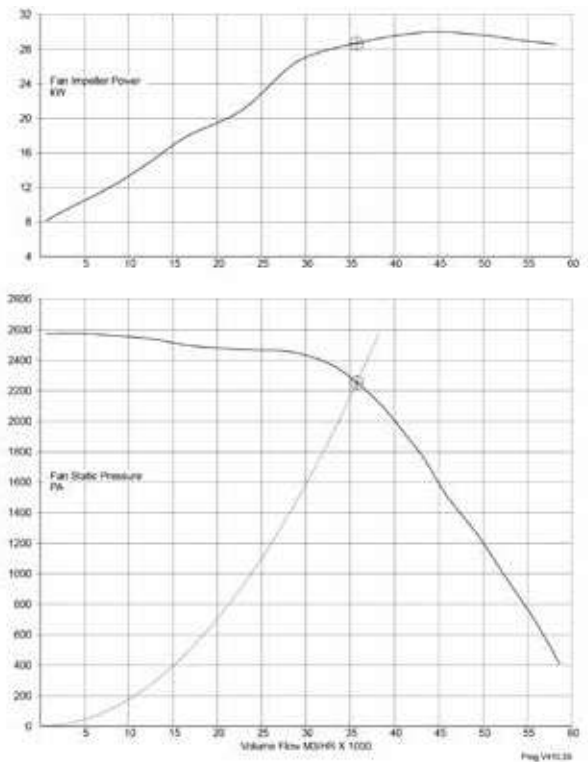


MC-P 710-4K

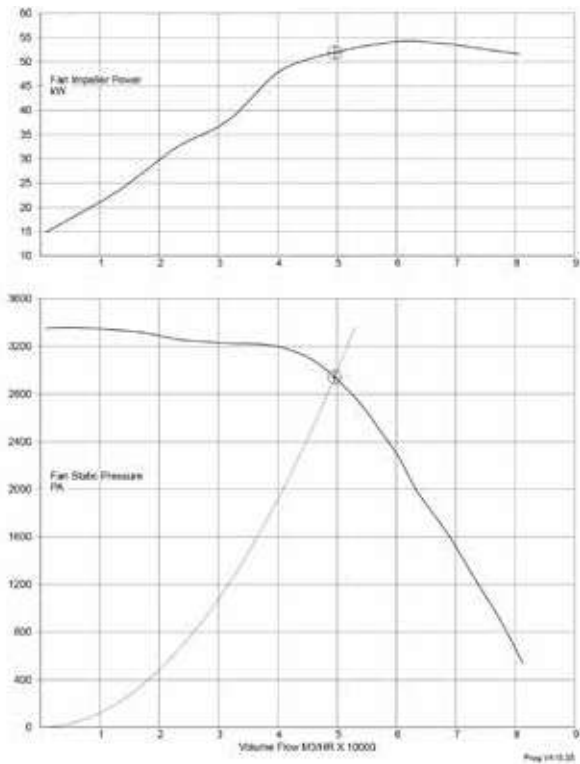
Pressure Curves



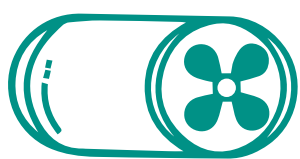
MC-P 800-4K



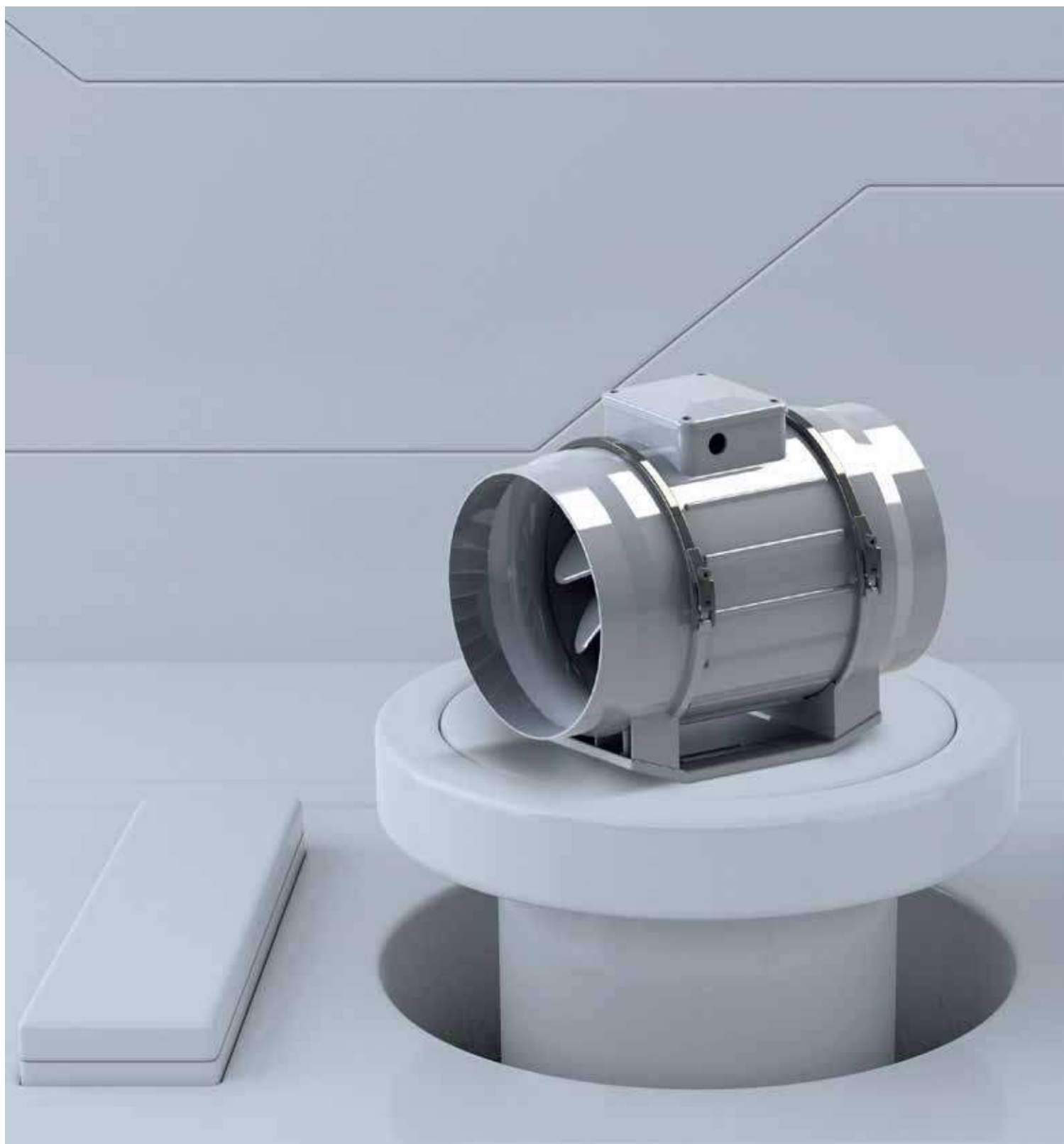
MC-P 900-4K



MC-P 1000-4K



IN LINE DUCT FANS



In Line Duct Fans

MMF

MMF-FR

MID

MID-R

MID-RX

MID-A

MAD

LINEO

LINEO QUIET

LINEO QUIET ES



Motor Insulation Class	Motor Protection Class	Impeller Material	Body Material	Working Temperature	Standards
F - Class	IP 44	Plastic	Plastic	-20 - + 50 °C	IEC-60335-2-80 ISO 1940-1

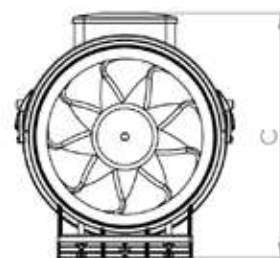
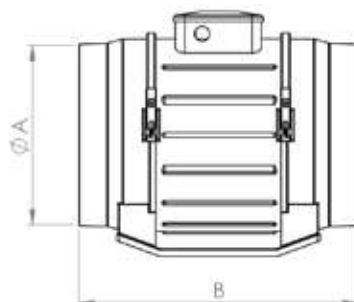
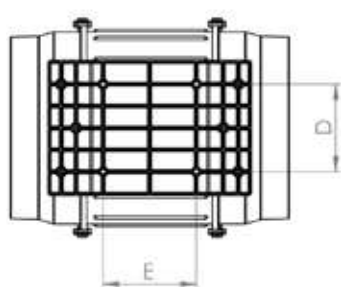
MMF

MIXED FLOW PLASTIC IN-LINE FAN

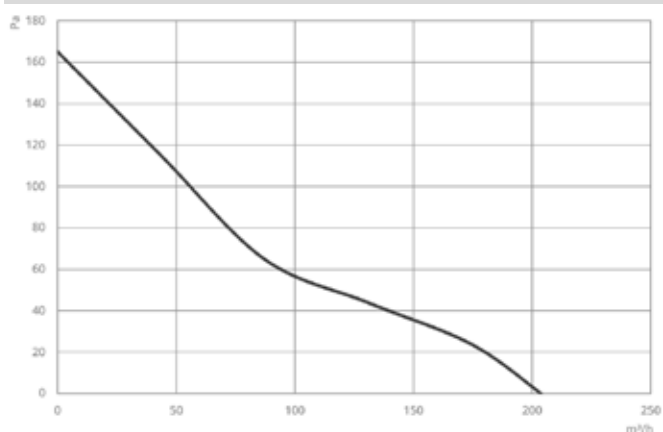
MMF serie mixed flow fans can be used in your small duct systems easily. If preferred, V0 Insulation Class is also available in our MMF-FR series.

Technical Information

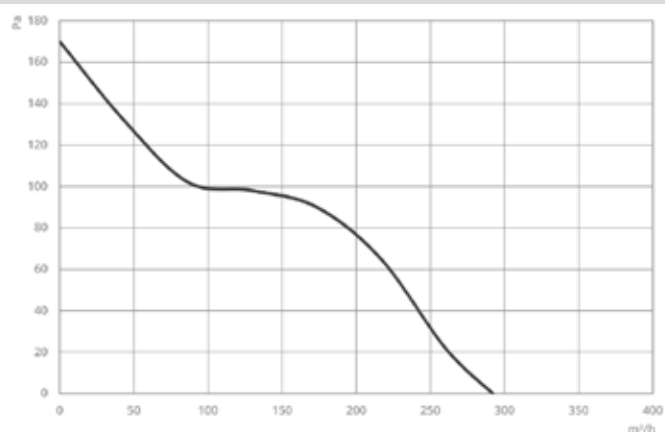
Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MMF - 100	203	54	2198	50	230	31
MMF - 125	298	56	2190	50	230	32
MMF - 150	444	75	2110	50	230	33
MMF - 160	490	75	2137	50	230	33



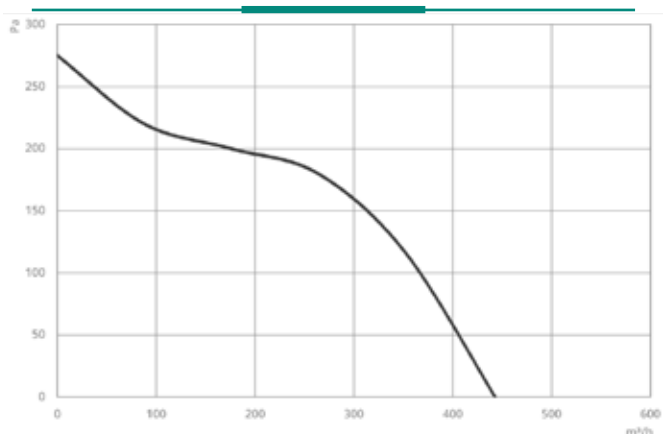
Model Type	A	B	C	D	E
MMF - 100	96	306,5	215	60	80
MMF - 125	121	260	215	60	80
MMF - 150	146	290,5	242	60	80
MMF - 160	156	271	242	60	80



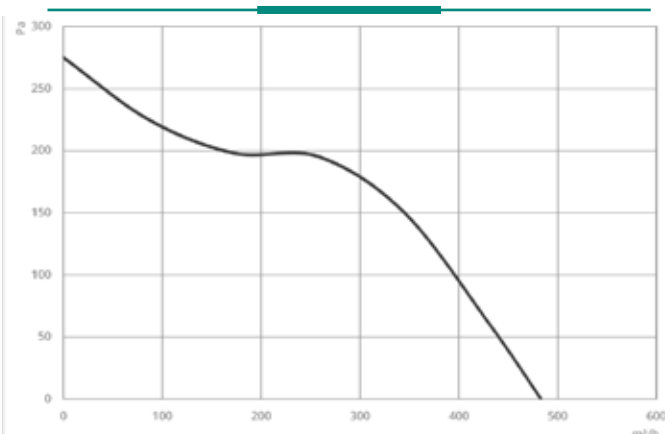
MMF - 100



MMF - 125



MMF - 150



MMF - 160



Options On Request



Flame Retardant

Motor Insulation Class	Motor Protection Class	Impeller Material	Body Material	Working Temperature	Standards
F - Class	IP 44	Plastic	Plastic	-20 - + 50 °C	IEC-60335-2-80, ISO 1940-1

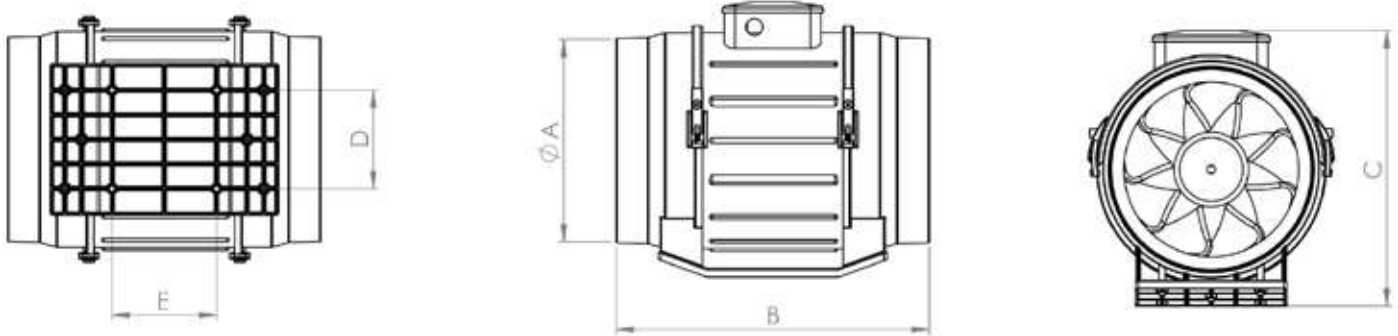
MMF-FR

MIXED FLOW PLASTIC IN-LINE FAN

MMF serie mixed flow fans can be used in your small duct systems easily. If preferred, V0 Insulation Class is also available in our MMF-FR series.

Technical Information

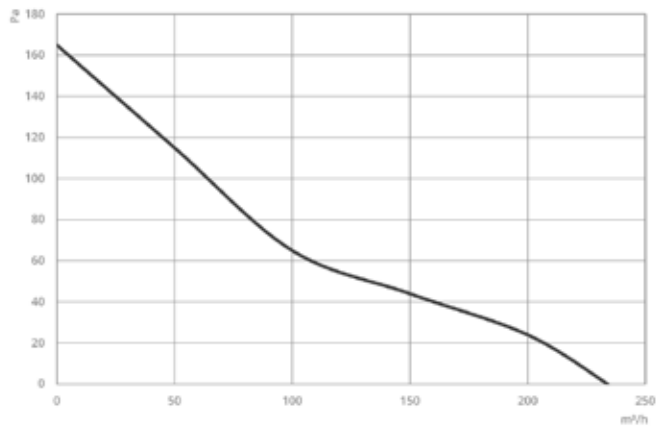
Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MMF - FR - 100	234	54	2460	50	230	31
MMF - FR - 125	337	56	2560	50	230	32
MMF - FR - 150	504	75	2490	50	230	33
MMF - FR - 160	560	75	2490	50	230	33
MMF - FR - 200	1012	111	2410	50	230	36
MMF - FR - 250	1350	280	2460	50	230	38
MMF - FR - 315	1970	476	2476	50	230	42



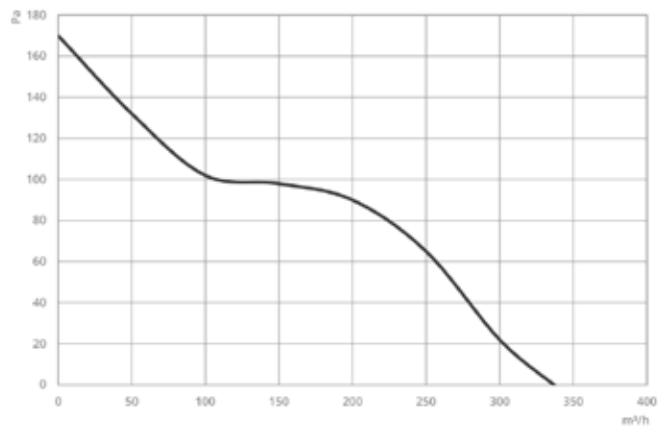
Model Type	A	B	C	D	E
MMF - FR - 100	96	306,5	215	60	80
MMF - FR - 125	121	260	215	60	80
MMF - FR - 150	146	290,5	242	60	80
MMF - FR - 160	156	271	242	60	80
MMF - FR - 200	191	300	263	94	100
MMF - FR - 250	246	393	325	110	140
MMF - FR - 315	310	450	420	175	180



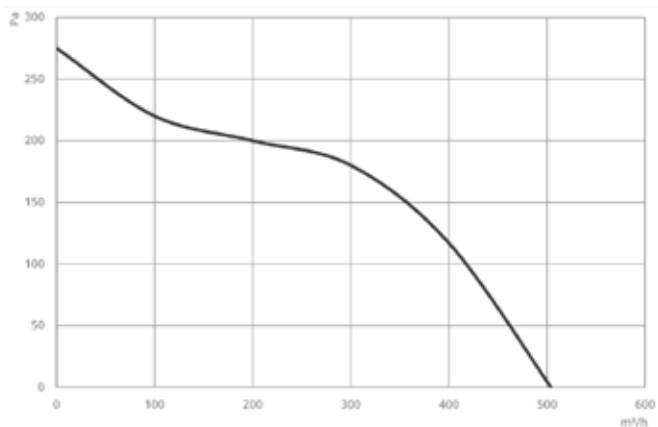
Pressure Curves



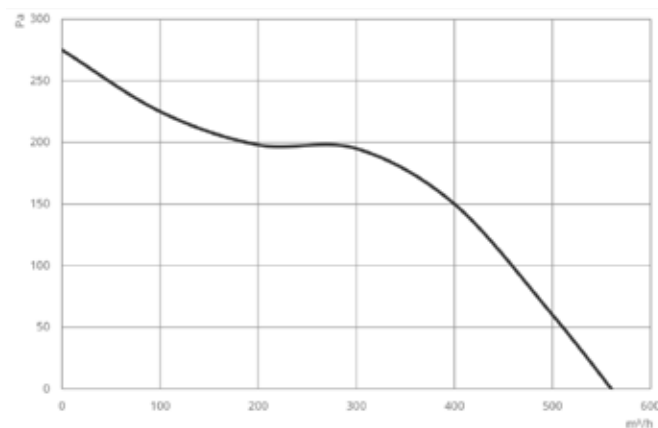
MMF - FR - 100



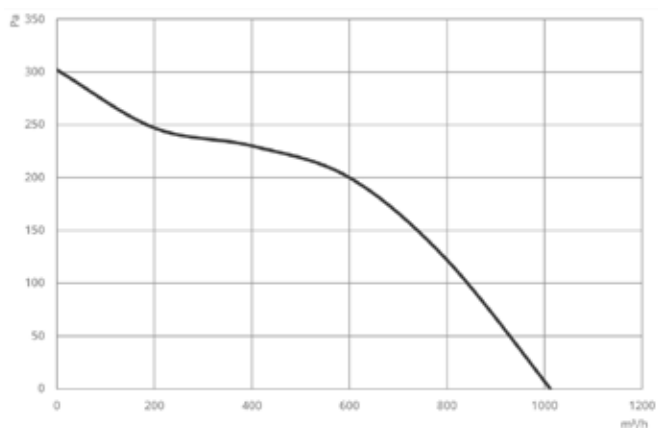
MMF - FR - 125



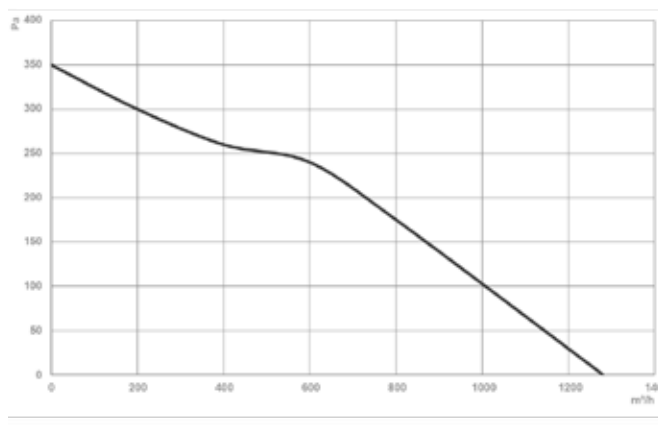
MMF - FR - 150



MMF - FR - 160

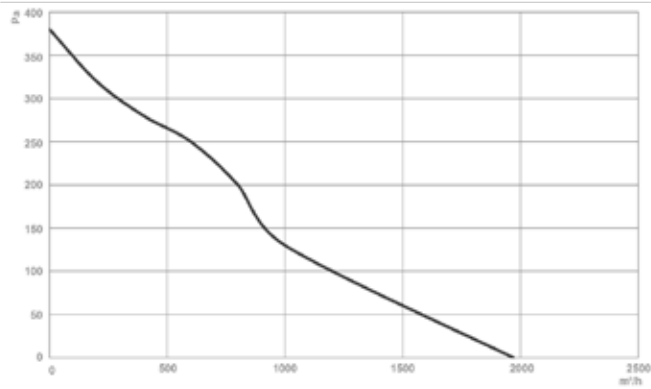


MMF - FR - 200



MMF - FR - 250

Pressure Curves



MMF - FR - 315





Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F - Class	IP 44	Galvanized Sheet Metal	Galvanized Sheet Metal	-20 - + 50 °C	IEC-60335-2-80, ISO 1940-1

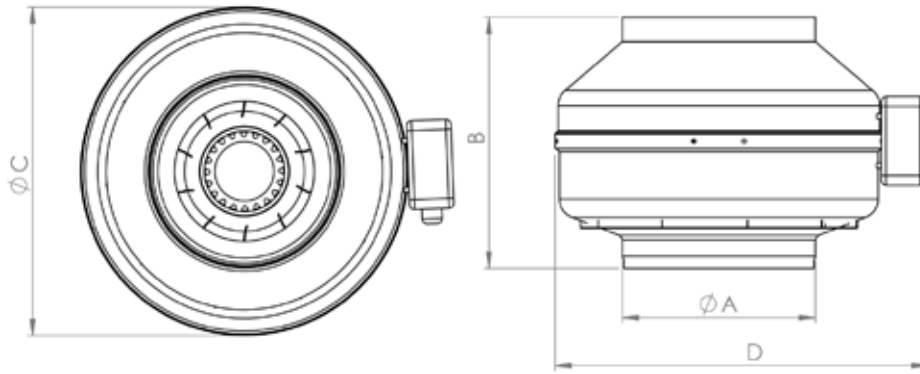
MID

CENTRIFUGAL IN-LINE CIRCULAR DUCT FAN

MID Serie In-line Circular Duct fans can be used in low to medium volume requirements. Easy-to-install & low noise level and high energy efficiency.

Technical Information

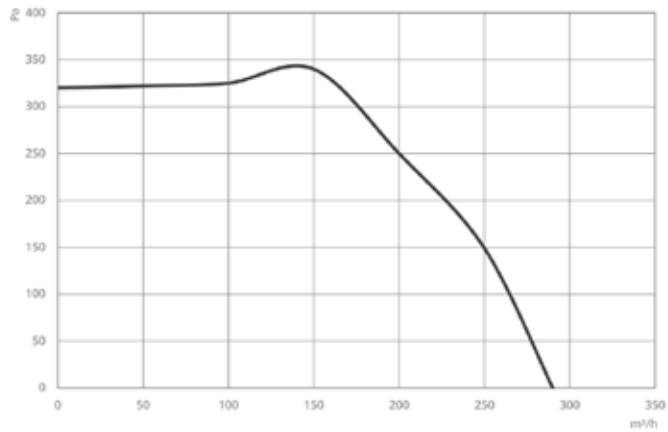
Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MID - 100	290	80	2600	50	230	45
MID - 125	410	80	2600	50	230	45
MID - 150	700	85	2600	50	230	46
MID - 160	710	85	2600	50	230	48
MID - 200	1000	122	2675	50	230	48
MID - 250	1120	145	2685	50	230	50
MID - 315	1750	210	2615	50	230	53
MID - 355	2200	380	2480	50	230	56



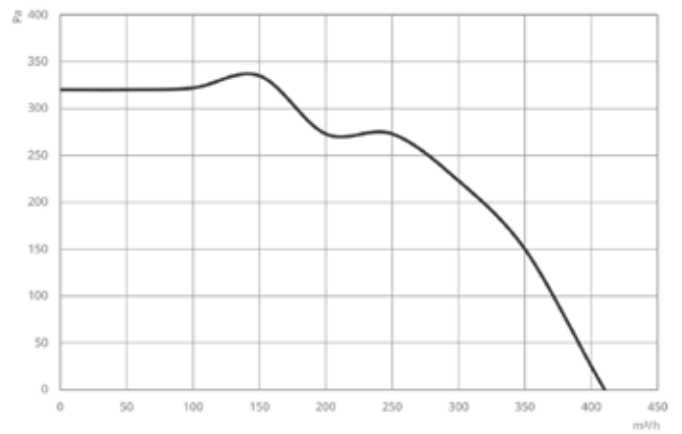
Model Type	A	B	C	D
MID - 100	100	208	246	290
MID - 125	100	208	246	290
MID - 150	150	196	270	320
MID - 160	160	196	270	320
MID - 200	200	255	333	380
MID - 250	250	234	331	380
MID - 315	315	283	401	450
MID - 355	355	225	401	450



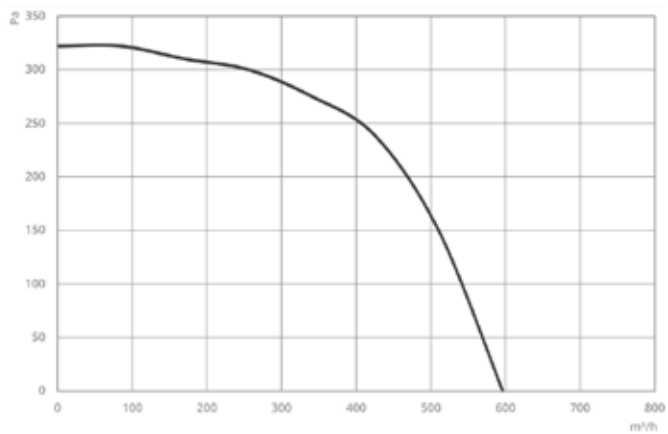
Pressure Curves



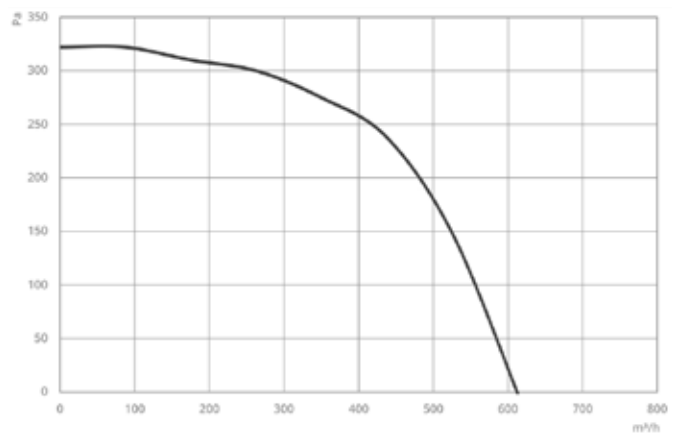
MID - 100



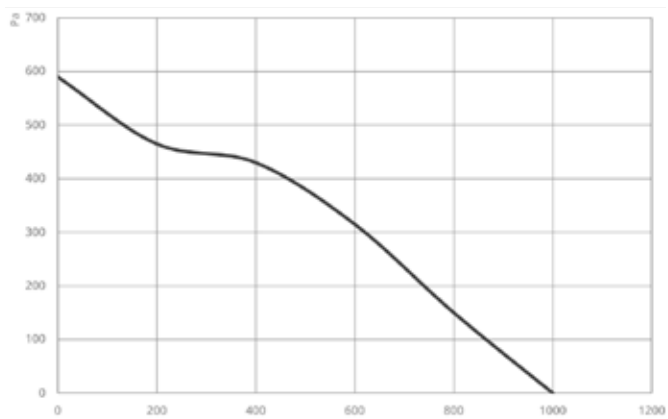
MID - 125



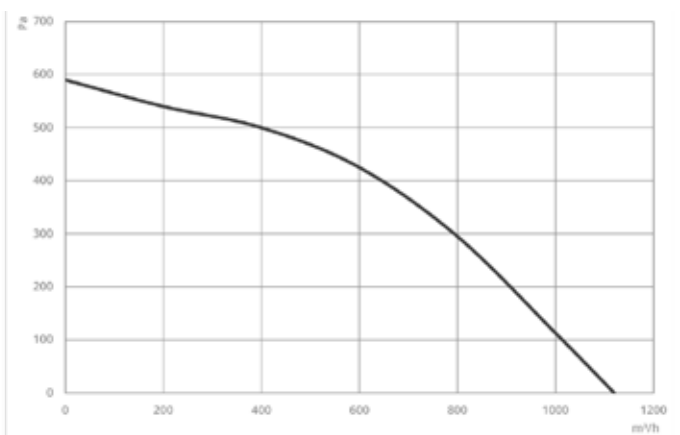
MID - 150



MID - 160

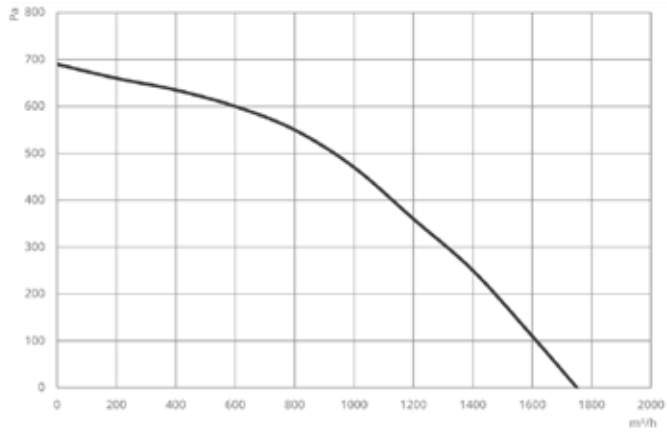


MID - 200

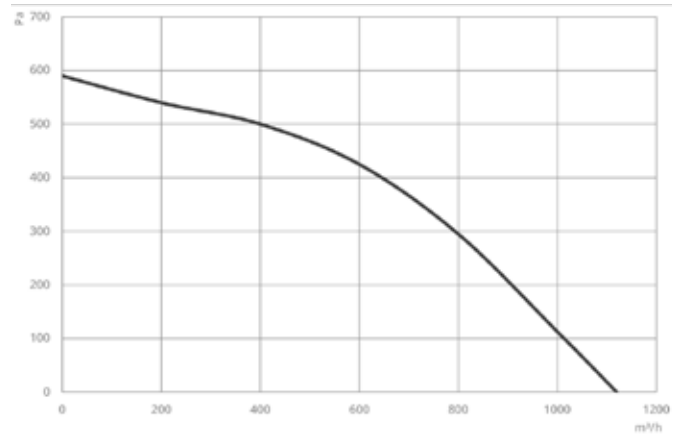


MID - 250

Pressure Curves



MID - 315



MID - 355





Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F - Class	IP 44	Galvanized Sheet Metal	Aluminium / Galvanized Metal	-20 - + 50 °C	IEC-60335-2-80, ISO 1940-1

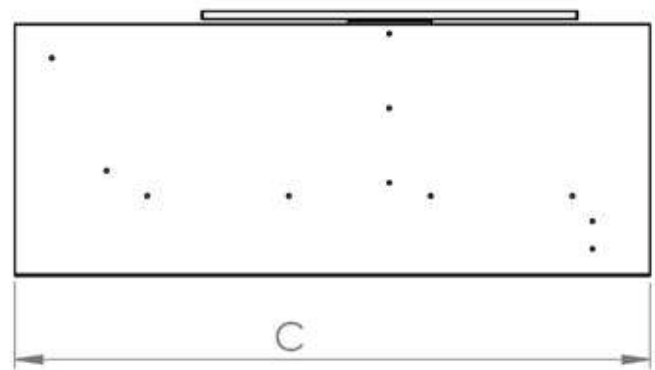
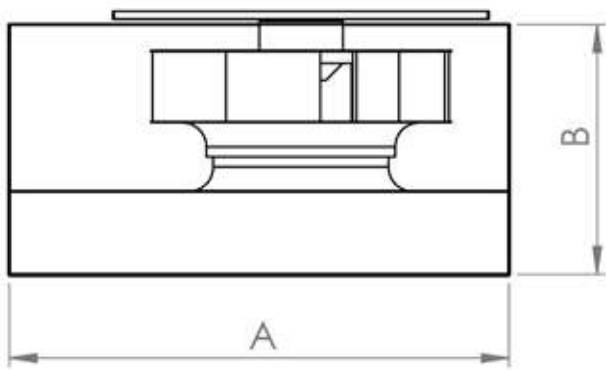
MID-R

CENTRIFUGAL IN-LINE RECTANGULAR DUCT FAN

MID-R serie fans can be mounted to rectangular duct directly. A perfect solutions in medium airflow needs. Discharge hatch allows easy maintenance and cleaning.

Technical Information

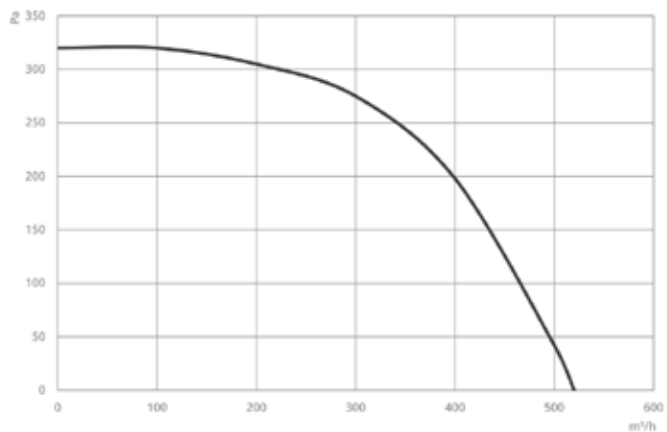
Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MID - R - 30 - 15	520	90	2600	50	230	51
MID - R - 40 - 20 A	950	104	2675	50	230	55
MID - R - 40 - 20 B	1150	130	2685	50	230	59
MID - R - 50 - 25	1600	180	2615	50	230	61
MID - R - 60 - 30	2350	147	1360	50	230	57
MID - R - 60 - 35	3400	380	1362	50	230	62
MID - R - 70 - 40	4900	690	1367	50	230	63
MID - R - 80 - 50	7000	830	1364	50	230-380	67
MID - R - 100 - 50	9300	1460	1369	50	380	69



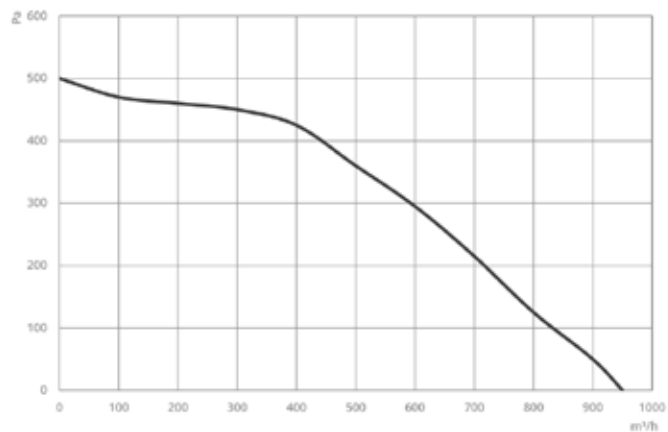
Model Type	A	B	C
MID - R - 30 - 15	300	150	400
MID - R - 40 - 20 A	400	200	500
MID - R - 40 - 20 B	400	200	500
MID - R - 50 - 25	500	250	565
MID - R - 60 - 30	600	300	760
MID - R - 60 - 35	600	350	765
MID - R - 70 - 40	700	400	790
MID - R - 80 - 50	800	500	900
MID - R - 100 - 50	1000	500	1050



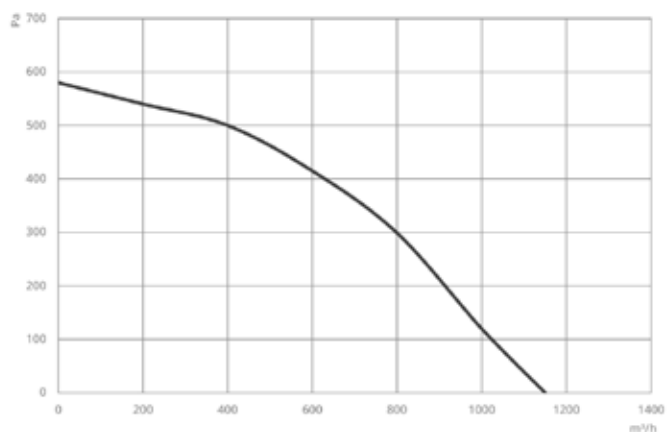
Pressure Curves



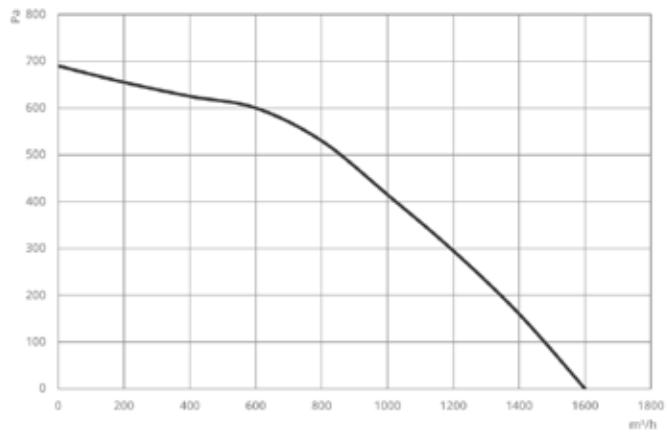
MID - R - 30 - 15



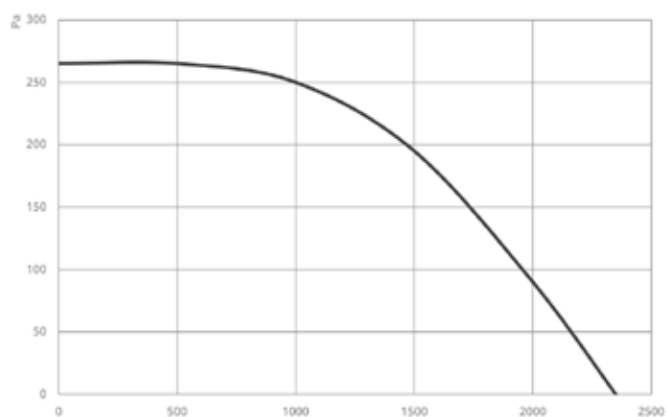
MID - R - 40 - 20 A



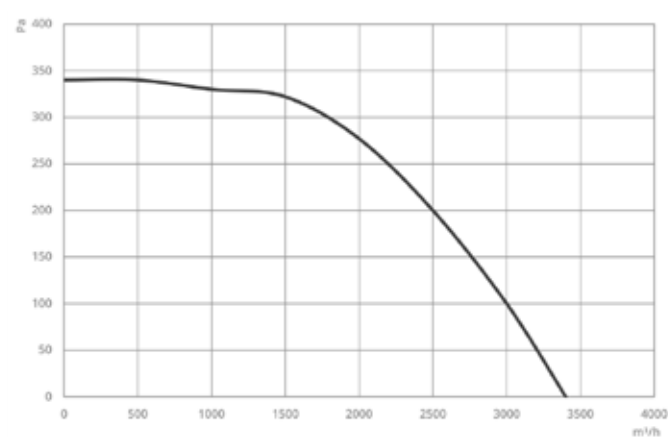
MID - R - 40 - 20 B



MID - R - 50 - 25

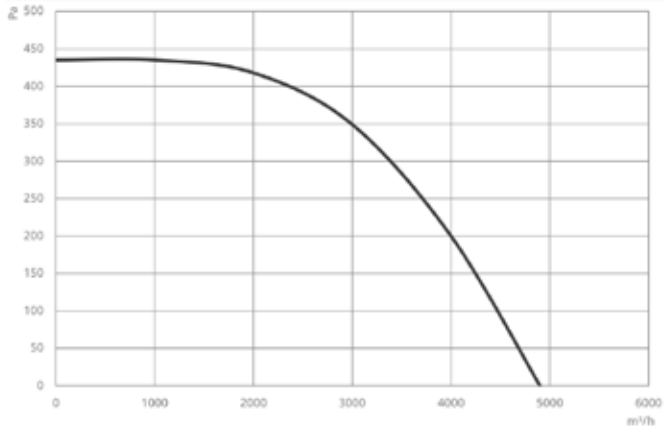


MID - R - 60 - 30

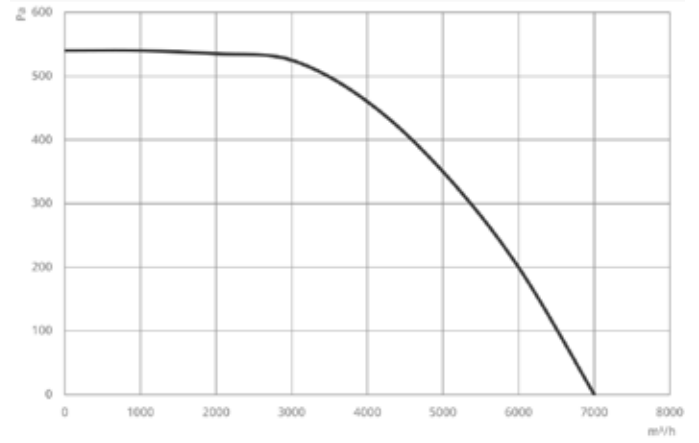


MID - R - 60 - 35

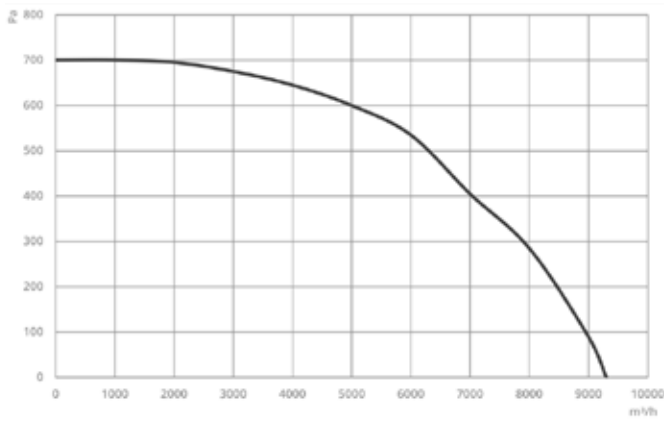
Pressure Curves



MID - R - 70 - 40



MID - R - 80 - 50



MID - R - 100 - 50



Options On Request



Ex-Proof

Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F - Class	IP 55	Galvanized Sheet Metal	Aluminium / Galvanized Metal	-20 - + 50 °C	IEC-60335-2-80, ISO 1940-1

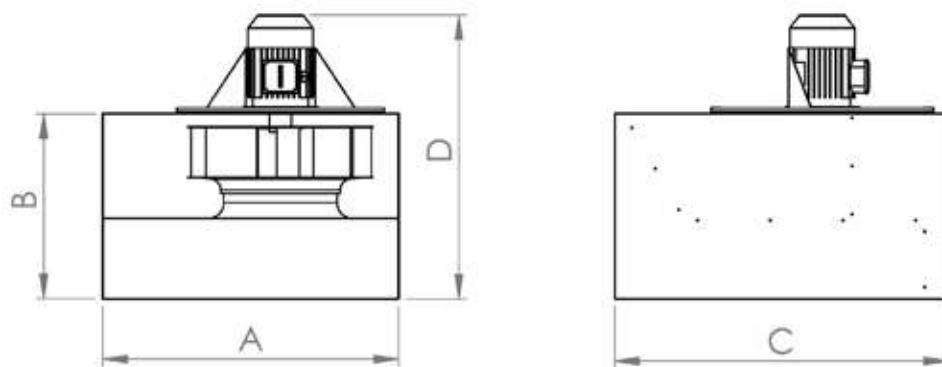
MID-RX

CENTRIFUGAL IN-LINE RECTANGULAR DUCT FAN WITH MOTOR OUT OF AIR

MID-RX Serie fans can be mounted to rectangular duct directly. Electrical motor is out of the airstream on the fan. Discharge hatch allows easy maintenance and cleaning.

Technical Information

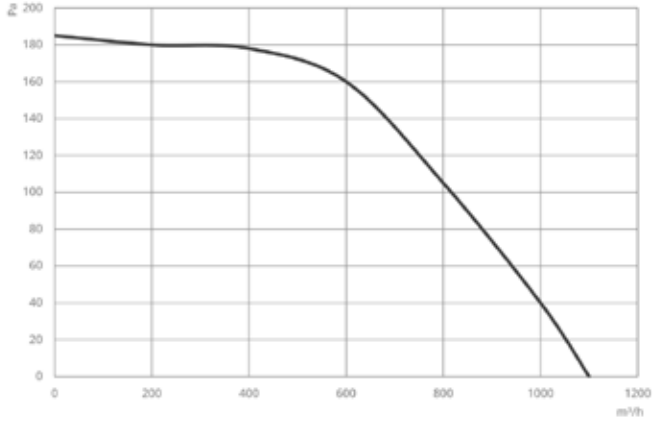
Model Type	Max m ³ /h	kW	rpm d/d	Hz	Voltage	Sound dB
MID - RX - 280	1100	0,18	1450	50	380	58
MID - RX - 315	1600	0,25	1469	50	380	58
MID - RX - 355	2300	0,37	1471	50	380	60
MID - RX - 400	3300	0,55	1478	50	380	61
MID - RX - 450	5000	0,75	1454	50	380	63
MID - RX - 500	7000	1,10	1462	50	380	67
MID - RX - 560	9800	1,50	1464	50	380	70



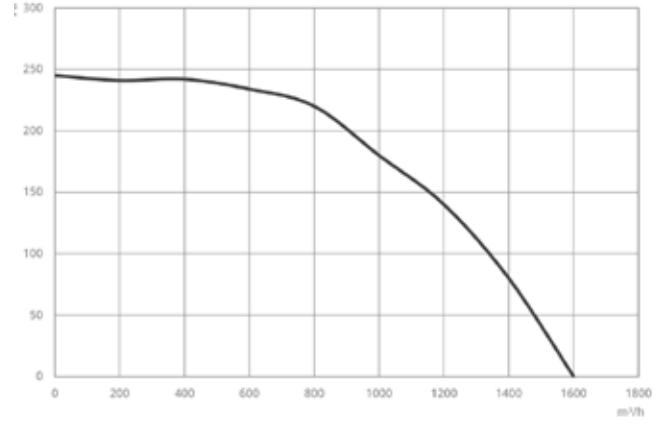
Model Type	A	B	C	D
MID - RX - 280	500	250	565	450
MID - RX - 315	500	250	565	476
MID - RX - 355	600	300	760	526
MID - RX - 400	600	350	750	590
MID - RX - 450	700	400	790	641
MID - RX - 500	800	500	900	765
MID - RX - 560	1000	500	1050	790



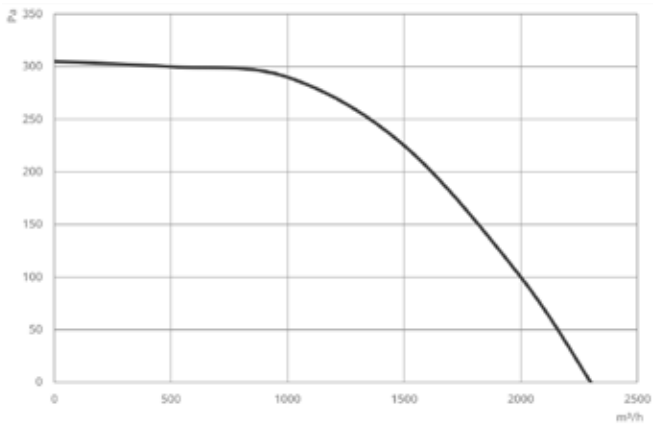
Pressure Curves



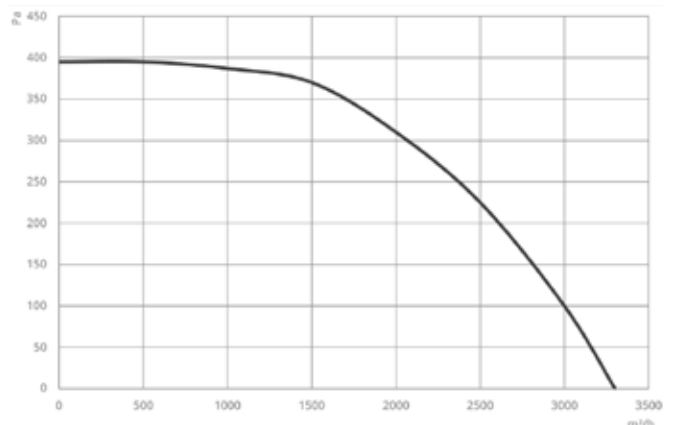
MID - RX - 280



MID - RX - 315

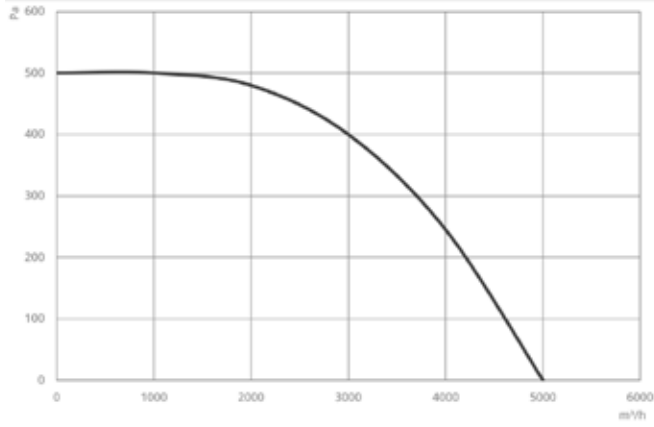


MID - RX - 355

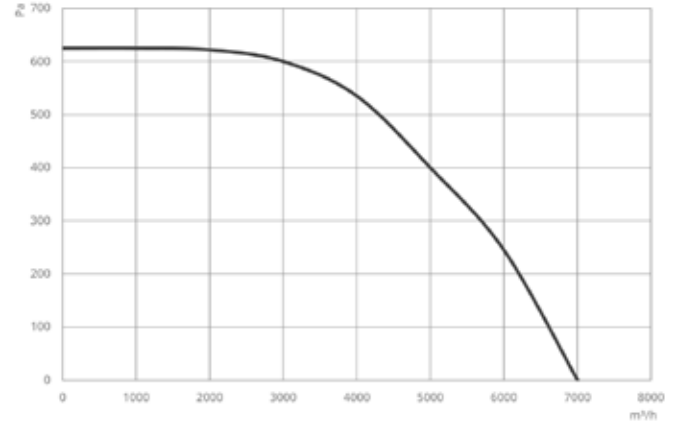


MID - RX - 400

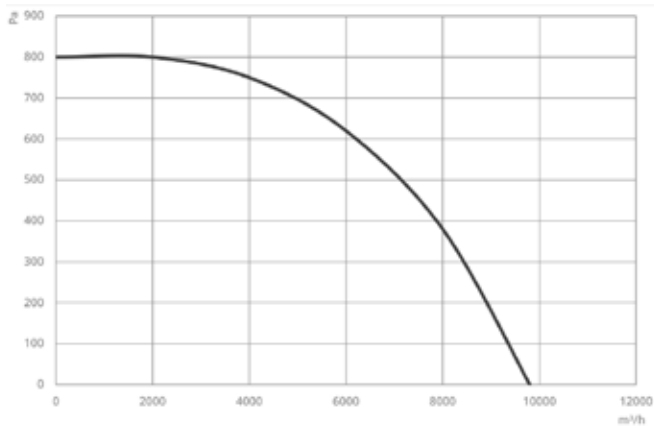
Pressure Curves



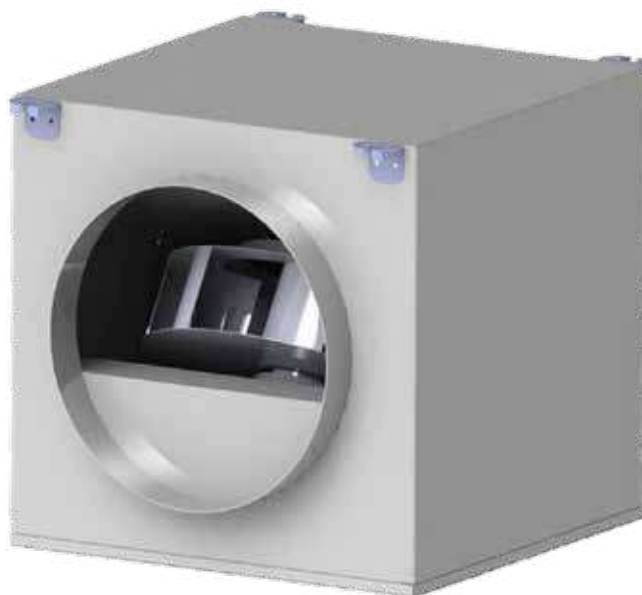
MID - RX - 450



MID - RX - 500



MID - RX - 560



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F - Class	IP 44	Galvanized Sheet Metal	Aluminium / Galvanized Metal	-20 - + 50 °C	IEC-60335-2-80, ISO 1940-1

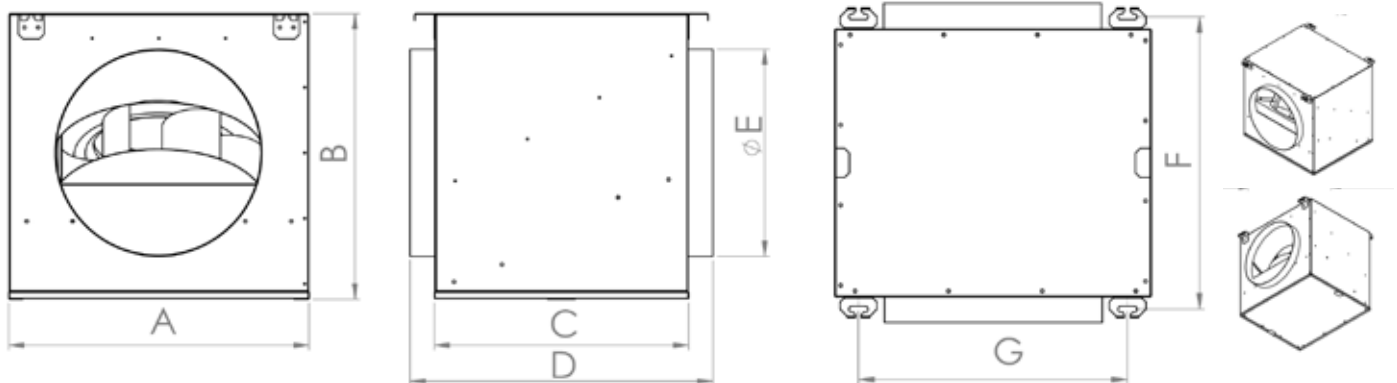
MID-A

CENTRIFUGAL IN-LINE PRISMATIC SHAPED CIRCULAR DUCT FAN

MID-A serie fans has cubic body and round outlet 4 mm XPE acoustic insulation. Thanks to its structure, it can be mounted to circular ducts directly. Preferred usages commercial and residencial ventilation systems thanks to low noise & energy consumption. Discharge hatch allows easy maintenance and cleaning.

Technical Information

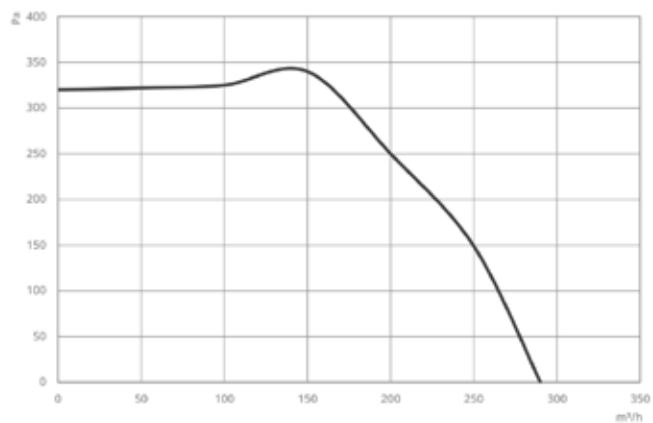
Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MID - A - 100	290	80	2600	50	230	44
MID - A - 125	410	80	2600	50	230	46
MID - A - 150	700	85	2600	50	230	50
MID - A - 160	710	85	2600	50	230	52
MID - A - 200	1000	122	2675	50	230	55
MID - A - 250	1120	145	2685	50	230	62
MID - A - 315	1750	210	2615	50	230	63
MID - A - 355	2200	380	1410	50	230	68
MID - A - 400	3400	380	1362	50	230	70
MID - A - 450	4900	690	1367	50	230	74
MID - A - 500	7000	830	1364	50	230 - 380	77
MID - A - 560	9300	1460	1369	50	380	79



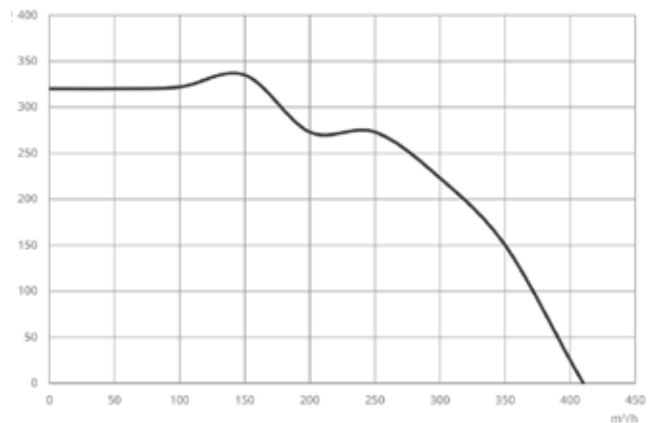
Model Type	A	B	C	D	E	F	G
MID - A - 100	342	342	304	410	100	304	246
MID - A - 125	342	342	304	410	125	304	246
MID - A - 150	342	361	304	410	150	304	246
MID - A - 160	342	381	304	410	160	304	246
MID - A - 200	392	381	354	460	200	354	296
MID - A - 250	472	422	354	460	250	354	382
MID - A - 315	502	446	404	510	315	404	406
MID - A - 355	572	522	454	560	355	454	574
MID - A - 400	602	622	554	660	400	554	506
MID - A - 450	652	622	554	660	450	554	556
MID - A - 500	702	672	604	710	500	604	654
MID - A - 560	752	802	604	710	560	604	656



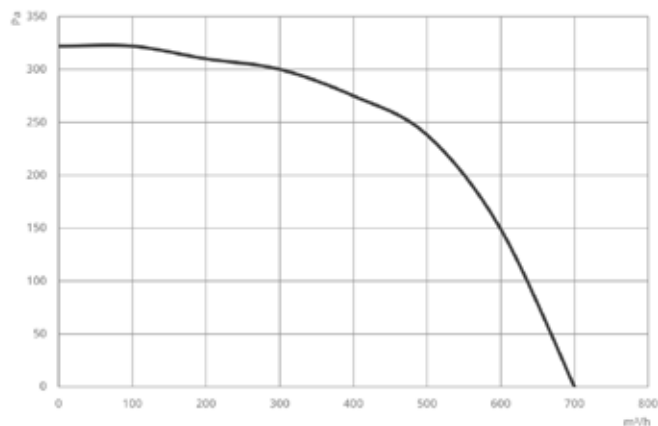
Pressure Curves



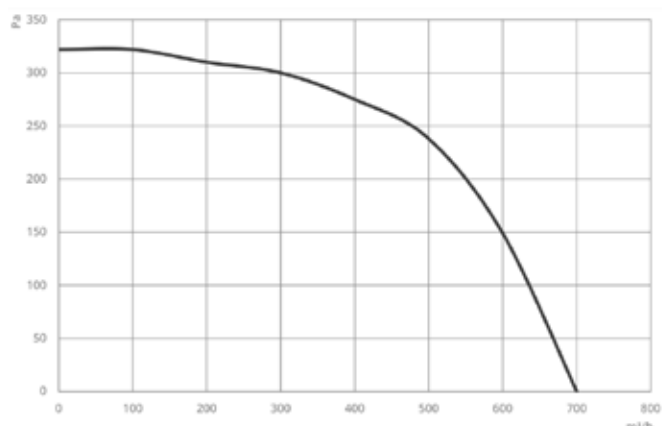
MID - A - 100



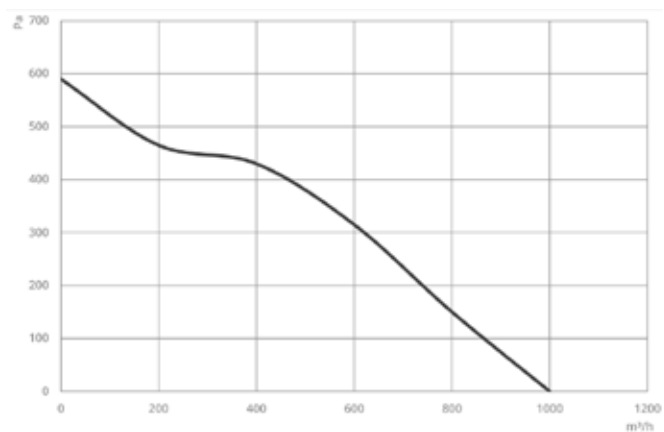
MID - A - 125



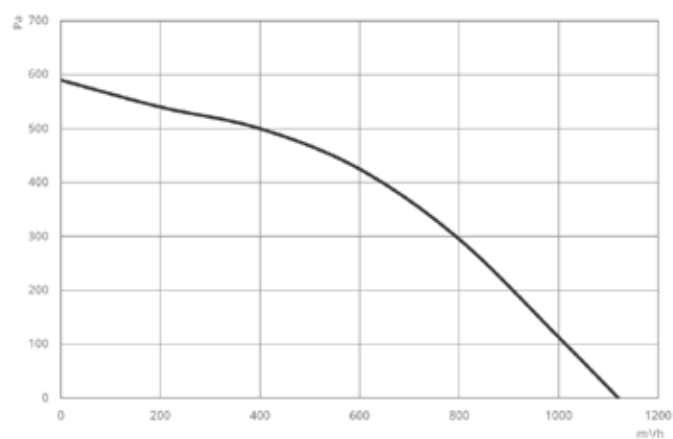
MID - A - 150



MID - A - 160

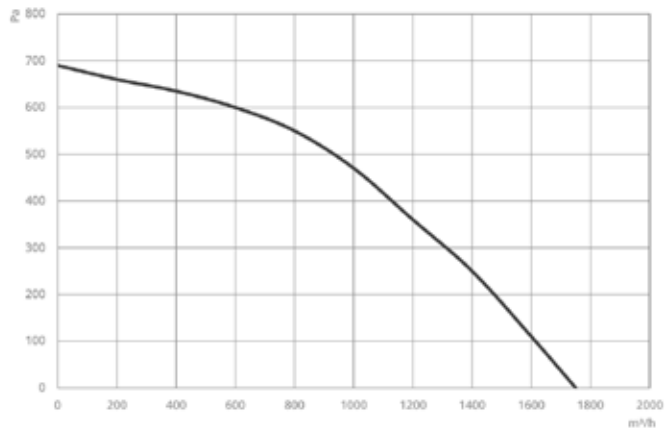


MID - A - 200

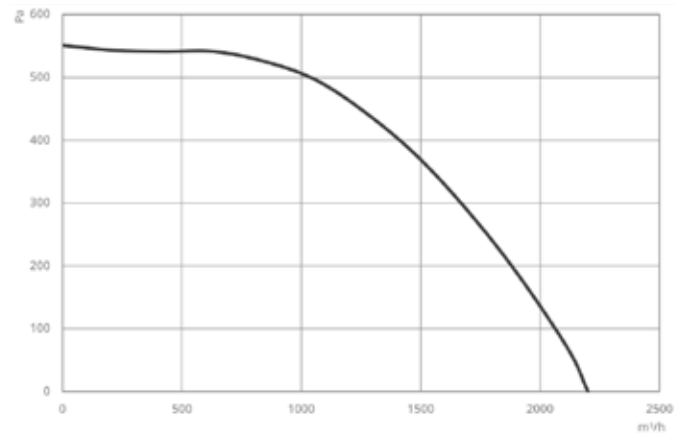


MID - A - 250

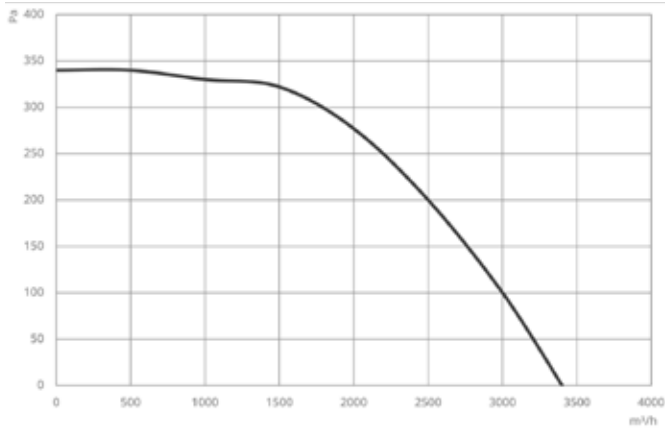
Pressure Curves



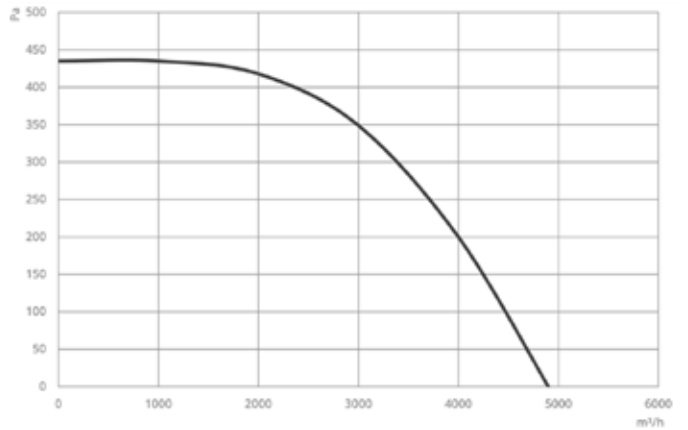
MID - A - 315



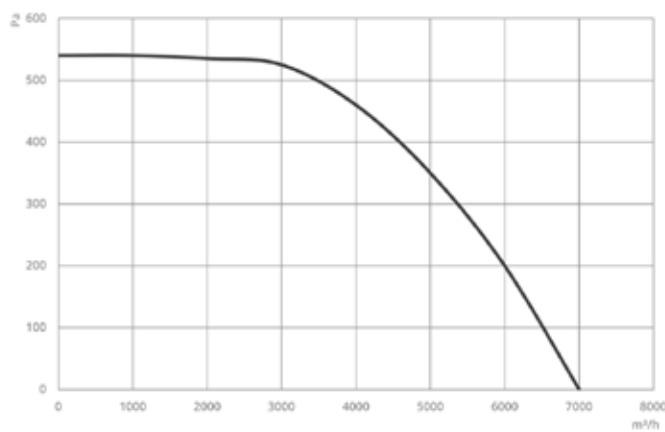
MID - A - 355



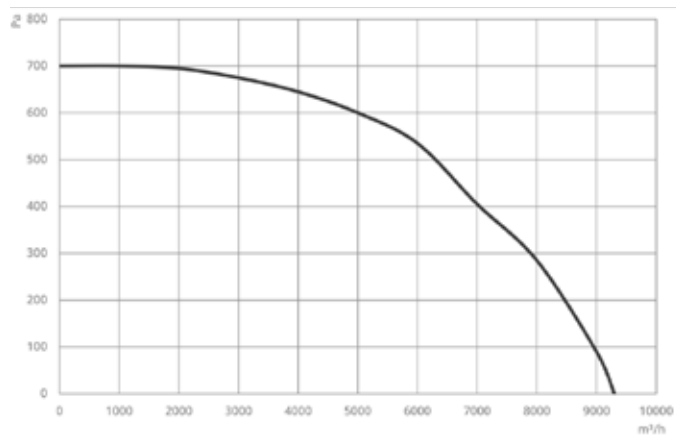
MID - A - 400



MID - A - 450



MID - A - 500



MID - A - 560



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F - Class	IP 44	Galvanized Sheet Metal	Galvanized Sheet Metal	-20 - + 50 °C	IEC-60335-2-80, ISO 1940-1

MAD

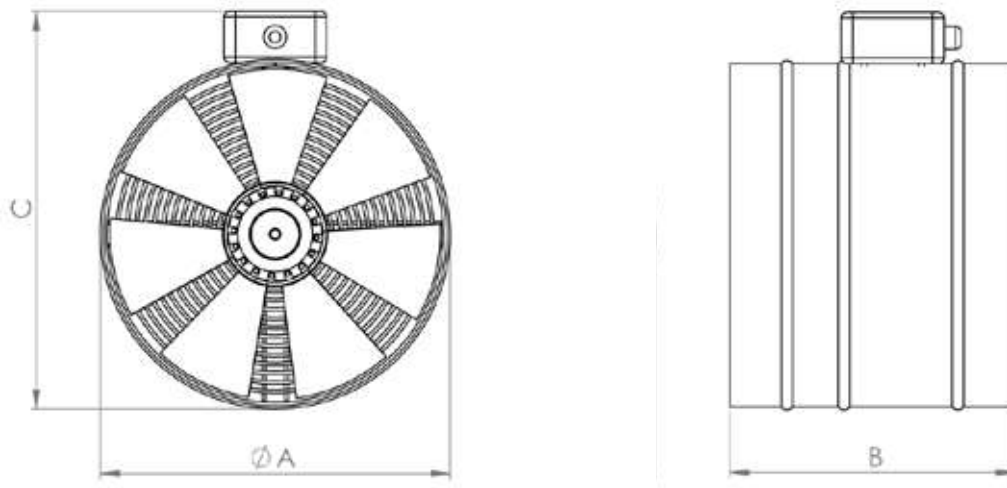
AXIAL IN-LINE DUCT FAN

MAD serie fans can be used when low airflow needs in your ventilation systems. Easy-to-install, low noise level and efficiency power usage.

Technical Information

Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MAD - 200	680	70	2650	50	230	50
MAD - 250	1500	100	2700	50	230	52
MAD - 300	2025	163	2550	50	230	54
MAD - 350	3110	240	2250	50	230	58

Values are for 0 Pa.



Model Type	A	B	C
MAD - 200	197	200	197
MAD - 250	247	250	247
MAD - 300	297	250	297
MAD - 350	347	300	347



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F - Class	IP 44	Galvanized Sheet Metal	Galvanized Sheet Metal	-20 - + 50 °C	IEC-60335-2-80, ISO 1940-1

LINEO

MIXED FLOW DUCT TYPE FANS

Lineo Serie fans have 2 speed AC motor with thermal overload cutout and shaft turning in ball bearings, coupled to mixed flow axial-centrifugal impeller. Fans made of self-extinguishing plastic resin (self-extinguishing capability V0).

Technical Information

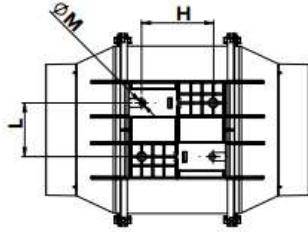
Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
LINEO - 100	180	20	1520	50	220 - 240	30,7
LINEO - 100 T	255	23	2030	50	220 - 240	39,4
LINEO - 100 Q	155	12	1860	50	220 - 240	29,4
LINEO - 100 Q T	200	15	2450	50	220 - 240	37,9
LINEO - 125	250	25	1570	50	220 - 240	33,9
LINEO - 125 T	365	33	2140	50	220 - 240	43
LINEO - 150	385	40	1580	50	220 - 240	41,4
LINEO - 150 T	550	58	2100	50	220 - 240	50,5
LINEO - 160	385	40	1580	50	220 - 240	41,7
LINEO - 160 T	550	58	2100	50	220 - 240	50,8
LINEO - 200 Q	700	45	1780	50	220 - 240	39,6
LINEO - 200 Q T	950	75	2740	50	220 - 240	49
LINEO - 250 Q	720	85	1850	50	220 - 240	49,1
LINEO - 250 Q T	990	110	2550	50	220 - 240	56,2



Technical Information

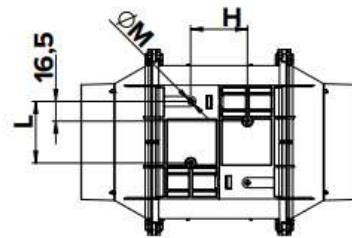
VERSION A

LINEO 100 - LINEO 100 T - LINEO 125 - LINEO 125 T - LINEO 150 - LINEO 150 T
 LINEO 160 - LINEO 160 T - LINEO 200 Q - LINEO 200 Q T - LINEO 250 Q - LINEO 250 Q T



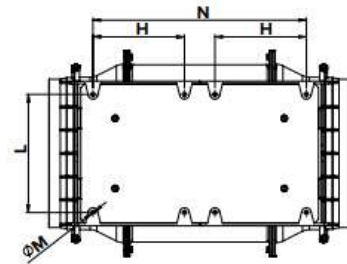
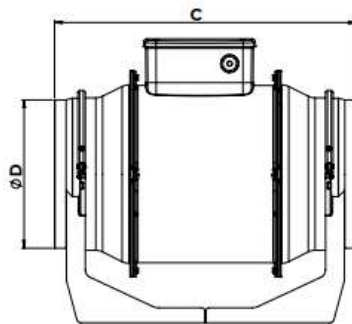
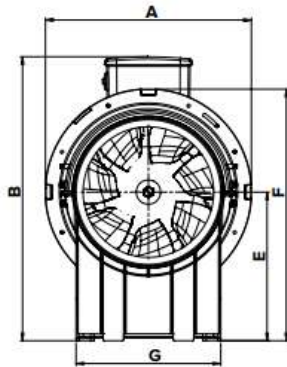
VERSION B

LINEO 100 Q
 LINEO Q T



VERSION C

LINEO 200 - LINEO 200 T - LINEO 250 - LINEO 315



Model Type	A	B	C	D	E	F	G	H	L	M	N
LINEO - 100	188,5	211	303	96	101,5	189	90	60	80	5,5	-
LINEO - 100 T	188,5	211	303	96	101,5	189	90	60	80	5,5	-
LINEO - 100 Q	156	174	231	96	82	152	95	51,5	47,5	4,5	-
LINEO - 100 Q T	156	174	231	96	82	152	95	51,5	47,5	5,5	-
LINEO - 125	188,5	211	258	122	101,5	189	90	60	80	5,5	-
LINEO - 125 T	188,5	211	258	122	101,5	189	90	60	80	5,5	-
LINEO - 150	214,5	234	294	146	112,5	212	110	60	80	5,5	-
LINEO - 150 T	214,5	234	294	146	112,5	212	110	60	80	5,5	-
LINEO - 160	214,5	234	272,5	156	112,5	212	110	60	80	5,5	-
LINEO - 160 T	214,5	234	272,5	156	112,5	212	110	60	80	5,5	-
LINEO - 200	270	373	396	194,5	195	330	190	120	155	5,5	-
LINEO - 200 T	270	373	396	194,5	195	330	190	120	155	5,5	280
LINEO - 200 Q	234,5	266	300	196	125,5	235	140	94	100	5,5	-
LINEO - 200 Q T	234,5	266	300	196	125,5	235	140	94	100	5,5	-
LINEO - 250	300	378	322	243	190	329	200	70	170	5,5	174,5
LINEO - 250 Q	300	322	385	247	152,5	292	176,5	140	145	5,5	-
LINEO - 250 Q T	300	322	385	247	152,5	292	176,5	140	145	5,5	174,5
LINEO - 315	373	446	420	307	224	398	309	110	255	8,5	259,5





Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F - Class	IP 44	Galvanized Sheet Metal	Galvanized Sheet Metal	-20 - + 50 °C	IEC-60335-2-80, ISO 1940-1

LINEO QUIET

SOUND-PROOF MIXED FLOW EXTRACTOR FANS

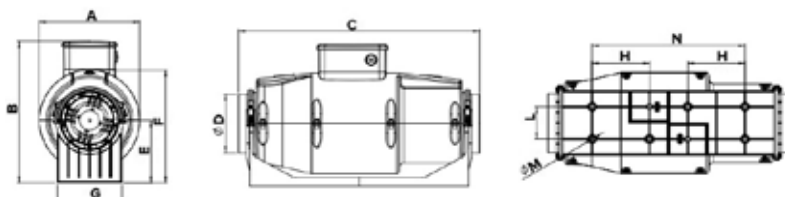
Lineo Quite Sound-proof mixed flow extractor fans. The LINEO QUIET range products are fitted with traditional AC motors, 2 or 3 speed depending on the model.

Technical Information

Model Type	Max m³/h	W	rpm d/d	Hz	Voltage
LINEO - 100 QUIET	150	11	1455	50/60	220
LINEO - 100 T QUIET	200	24	1880		240
	260	27	2260		
LINEO - 125 QUIET	190	11	1125	50/60	220
LINEO - 125 T QUIET	250	24	1475		240
	320	27	1880		
LINEO - 150 QUIET	255	24	1040	50/60	220
LINEO - 150 T QUIET	350	37	1430		240
	510	50	2030		
LINEO - 160 QUIET	255	24	1040	50/60	220
LINEO - 160 T QUIET	350	37	1430		240
	510	50	2030		
LINEO - 200 QUIET	805	50	1880	50/60	220
LINEO - 200 T QUIET	1045	80	2380		240
	1160	90	2690		
LINEO - 250 QUIET	960	95	1640	50/60	220
	1340	125	2320		240
	1550	150	2750		
LINEO - 315 QUIET	2070	215	1930	50/60	220
	2530	270	2360		240
	2890	360	2705		

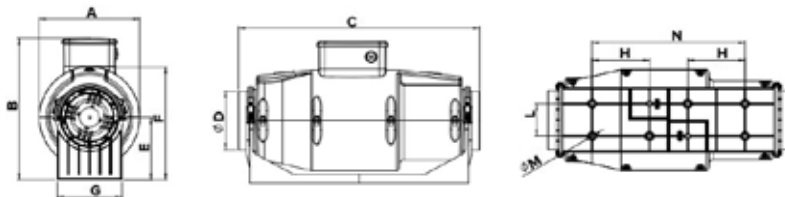
VERSION A

LINEO 100 QUIET - LINEO 100 T QUIET - LINEO 125 QUIET - LINEO 125 T QUIET
LINEO 150 QUIET - LINEO 150 T QUIET - LINEO 160 QUIET - LINEO 160 T QUIET



VERSION B

LINEO 200 QUIET - LINEO 200 T QUIET - LINEO 250 QUIET - LINEO 315 QUIET



Model Type	A	B	C	D	E	F	G	H	L	M	N	VERSION
LINEO - 100 QUIET	210	294,5	639	97	130	235	135	120	67,5	5,5	320	A
LINEO - 100 T QUIET												
LINEO - 125 QUIET	210	294,6	504,5	122	130	235	135	120	67,5	5,5	320	A
LINEO - 125 T QUIET												
LINEO - 150 QUIET	232	320,5	685	147	145	261,5	170	132	85	5,5	360	A
LINEO - 150 T QUIET												
LINEO - 160 QUIET	232	320,5	570	156,5	145	261,5	170	135	85	5,5	360	A
LINEO - 160 T QUIET												
LINEO - 200 QUIET	322,5	417,5	625,5	194,5	195	363,5	190	120	155	5,5	510	B
LINEO - 200 T QUIET												
LINEO - 250 QUIET	318	412	751,5	243	189,5	363,5	200	70	170	6,5	604,5	B
LINEO - 315 QUIET												



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F - Class	IP 44	Galvanized Sheet Metal	Galvanized Sheet Metal	-20 - + 50 °C	IEC-60335-2-80, ISO 1940-1

LINEO QUIET ES

SOUND-PROOF ENERGY SAVING MIXED FLOW EXTRACTOR FANS

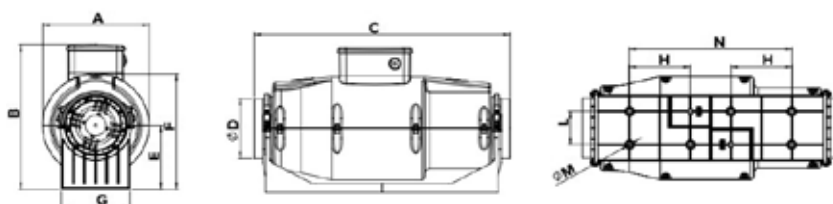
Lineo Quite ES serie Sound-proof energy saving mixed flow extractor fans use of electronically controlled 2 speed EC brushless (Low consumption) motors. Each speed can be set at installation. Alternatively the units can run at 1 speed only, adjustable by user through 0-10V signal.

Technical Information

Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage
LINEO - 100 QUIET	150	11	1455	50/60	220
LINEO - 100 T QUIET	200	24	1880		240
	260	27	2260		
LINEO - 125 QUIET	190	11	1125	50/60	220
LINEO - 125 T QUIET	250	24	1475		240
	320	27	1880		
LINEO - 150 QUIET	255	24	1040	50/60	220
LINEO - 150 T QUIET	350	37	1430		240
	510	50	2030		
LINEO - 160 QUIET	255	24	1040	50/60	220
LINEO - 160 T QUIET	350	37	1430		240
	510	50	2030		
LINEO - 200 QUIET	805	50	1880	50/60	220
LINEO - 200 T QUIET	1045	80	2380		240
	1160	90	2690		
LINEO - 250 QUIET	960	95	1640	50/60	220
	1340	125	2320		240
	1550	150	2750		
LINEO - 315 QUIET	2070	215	1930	50/60	220
	2530	270	2360		240
	2890	360	2705		

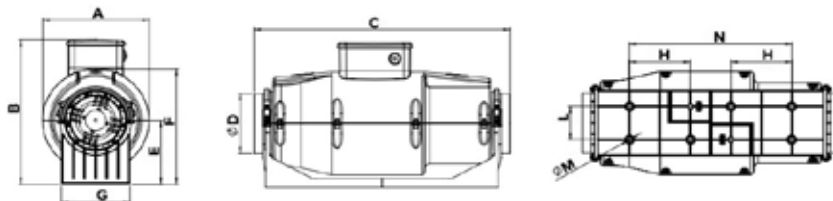
VERSION A

LINEO 100 QUIET - LINEO 100 T QUIET - LINEO 125 QUIET - LINEO 125 T QUIET
LINEO 150 QUIET - LINEO 150 T QUIET - LINEO 160 QUIET - LINEO 160 T QUIET



VERSION B

LINEO 200 QUIET - LINEO 200 T QUIET - LINEO 250 QUIET - LINEO 315 QUIET



Model Type	A	B	C	D	E	F	G	H	L	M	N	VERSION
LINEO - 100 QUIET	210	294,5	639	97	130	235	135	120	67,5	5,5	320	A
LINEO - 100 T QUIET												
LINEO - 125 QUIET	210	294,6	504,5	122	130	235	135	120	67,5	5,5	320	A
LINEO - 125 T QUIET												
LINEO - 150 QUIET	232	320,5	685	147	145	261,5	170	132	85	5,5	360	A
LINEO - 150 T QUIET												
LINEO - 160 QUIET	232	320,5	570	156,5	145	261,5	170	135	85	5,5	360	A
LINEO - 160 T QUIET												
LINEO - 200 QUIET	322,5	417,5	625,5	194,5	195	363,5	190	120	155	5,5	510	B
LINEO - 200 T QUIET												
LINEO - 250 QUIET	318	412	751,5	243	189,5	363,5	200	70	170	6,5	604,5	B
LINEO - 250 T QUIET												
LINEO - 315 QUIET	415,5	496,5	940	307	244	441	309	110	255	8,5	780	B

KITCHEN & EXHAUST UNITS



Kitchen & Exhaust Units Models

MKE-C

MKE-CE

MKE-EP

MKE-KC

MKE-KCA





MKE-C

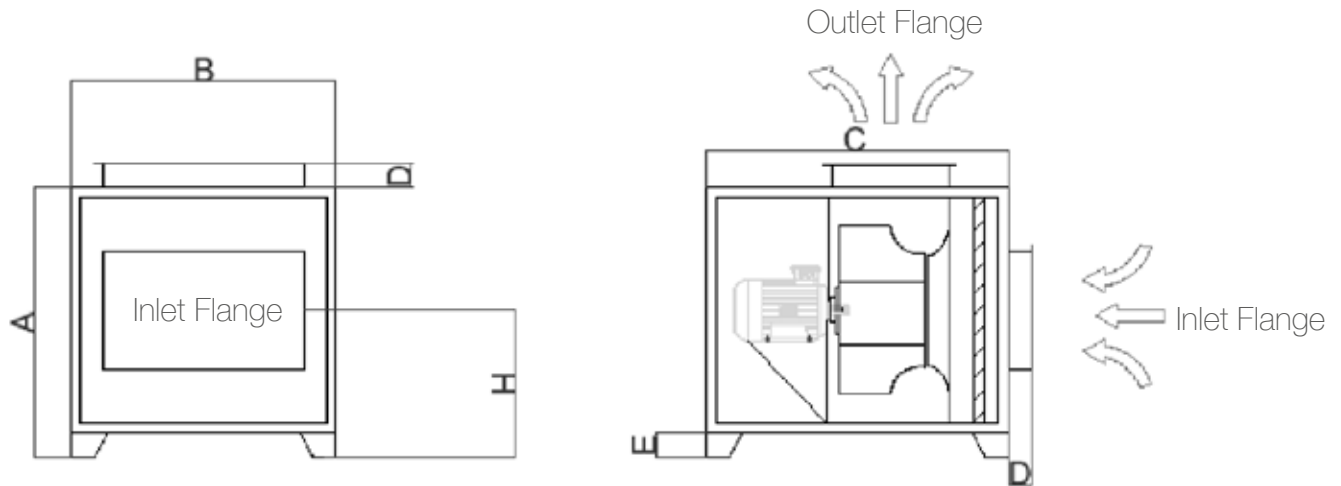
EXHAUST FANS

MKE-C Serie Exhaust Fans offer you practical solutions especially in industrial kitchen applications.

Technical Information

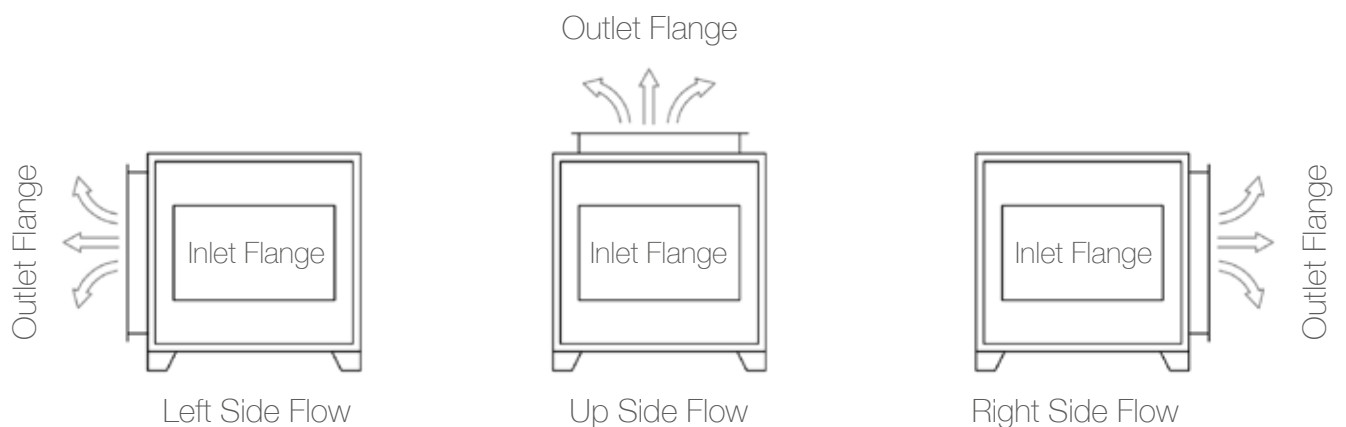
Model Type	Max m³/h	Max Pa.	m/sn	kW	rpm d/d	A	Hz	Volt- age	Sound dB	Max. De- gree	Kg. Max.
MKE-C 355/4K a	2200	290	10	0,37	1450	1,2	50	380	72	60	92
MKE-C 355/4K b	2400	330	10	0,55	1450	1,6	50	380	80	60	95
MKE-C 400/4K	3200	440	11	0,75	1450	2,1	50	380	83	60	98
MKE-C 450/4K a	5000	450	13	0,75	1450	2,7	50	380	84	60	103
MKE-C 450/4K b	5750	570	13,5	1,1	1450	3,6	50	380	87	60	110
MKE-C 500/4K	7500	670	15	1,5	1450	5,3	50	380	90	60	120
MKE-C 560/4K a	10000	720	16	2,2	1450	6,6	50	380	91	60	156
MKE-C 560/4K b	12000	750	16,5	3	1450	8,7	50	380	93	60	162
MKE-C 630/4K	16000	1000	18	4	1450	11,8	50	380	95	60	246
MKE-C 710/4K a	18500	1000	19	5,5	1450	15,8	50	380	97	60	330
MKE-C 710/4K b	20000	1000	19,5	7,5	1450	22,5	50	380	99	60	340
MKE-C 800/4K a	25000	1000	22	11	1450	30,5	50	380	101	60	530
MKE-C 800/4K b	30000	1000	22	15	1450	37	50	380	103	60	540
MKE-C 900/4K	43000	1800	25	22	1450	39	50	380	110	60	670
MKE-C 1000/4K	58000	2500	30	30	1450	5	50	380	125	60	752

Technical Information

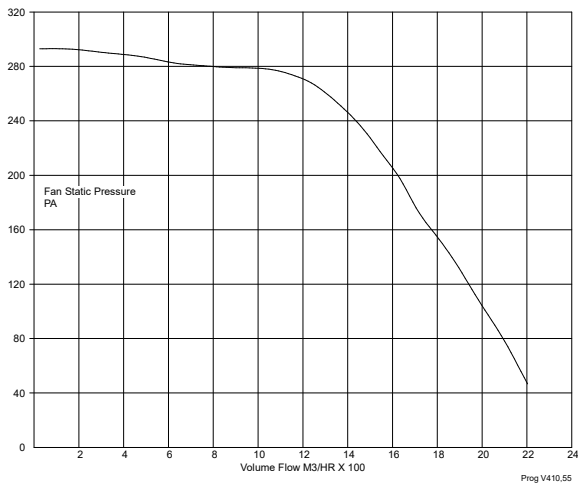


Model Type	A	B	C	D	E	H	INLET & OUTLET DIMENSION
MKE-C 355	765	665	740	100	100	433	400 x 200
MKE-C 400	810	710	820	100	100	455	500 x 250
MKE-C 450	855	755	840	100	100	477	500 x 250
MKE-C 500	855	755	840	100	100	477	600 x 350
MKE-C 560	965	865	960	100	100	533	600 x 350
MKE-C 630	1090	990	1040	100	100	595	700 x 400
MKE-C 710	1140	1040	1220	100	100	620	800 x 500

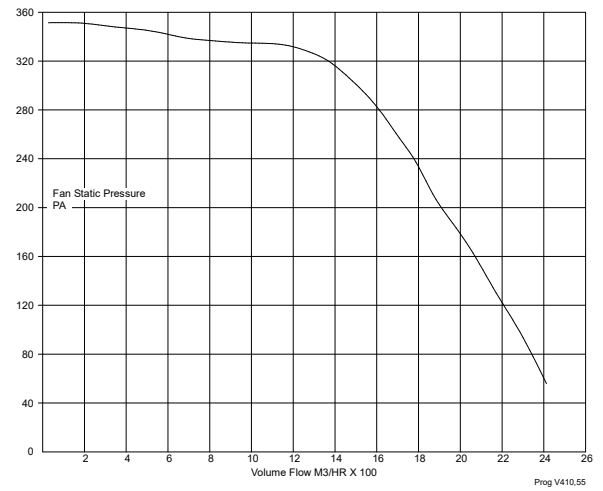
DIRECTION CHART



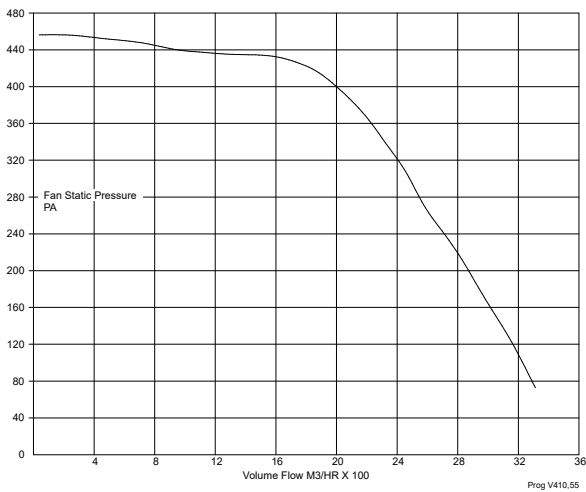
Pressure Curves



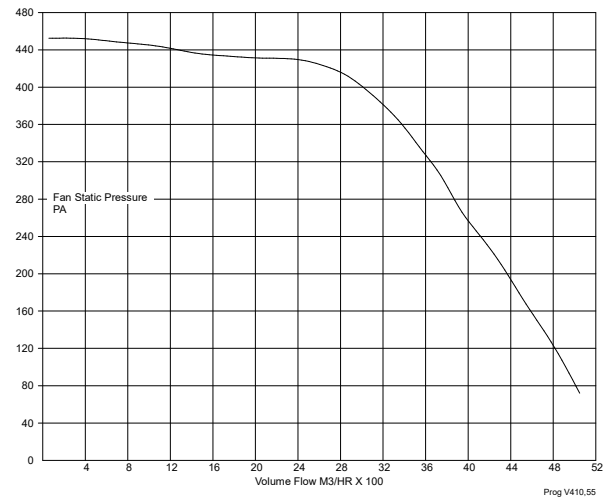
MKE-C 355/4K A



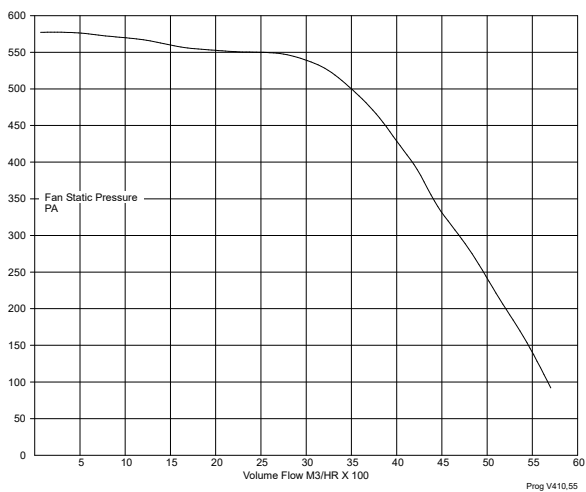
MKE-C 355/4K B



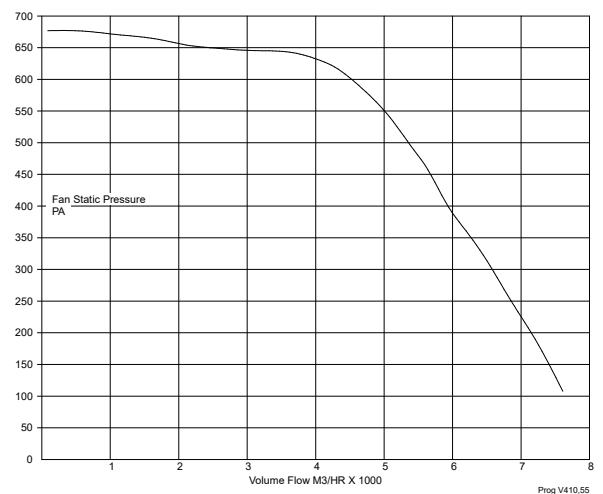
MKE-C 400/4K



MKE-C 450/4K A



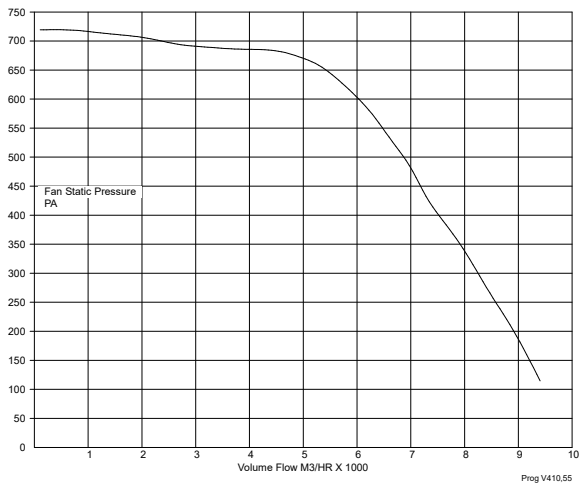
MKE-C 450/4K B



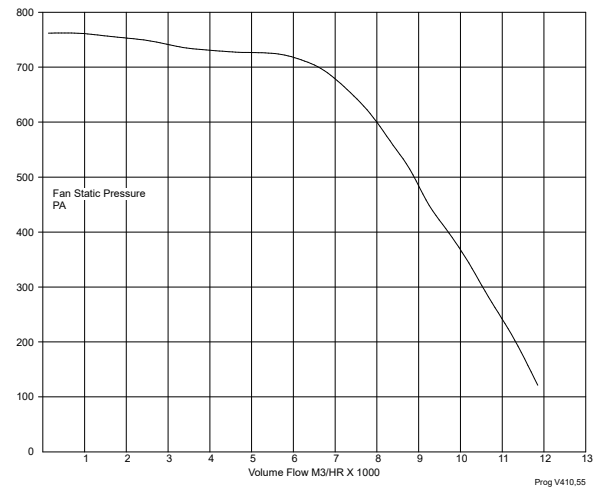
MKE-C 500/4K



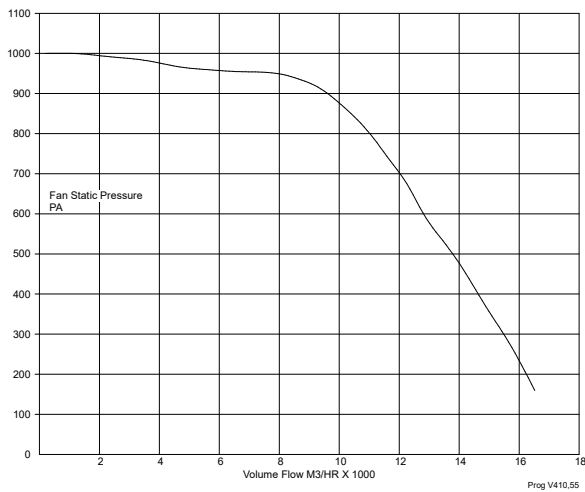
Pressure Curves



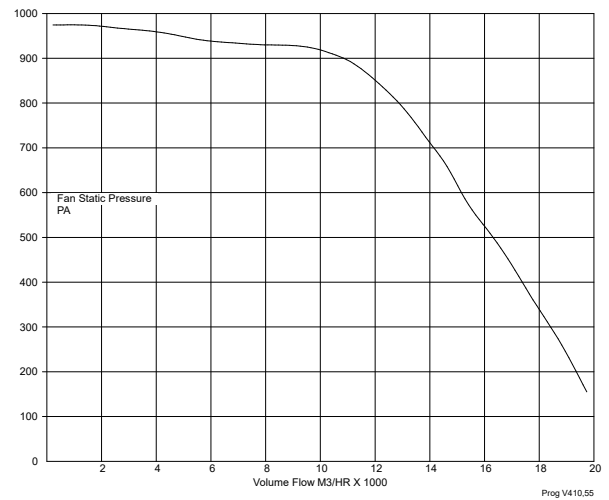
MKE-C 560/4K A



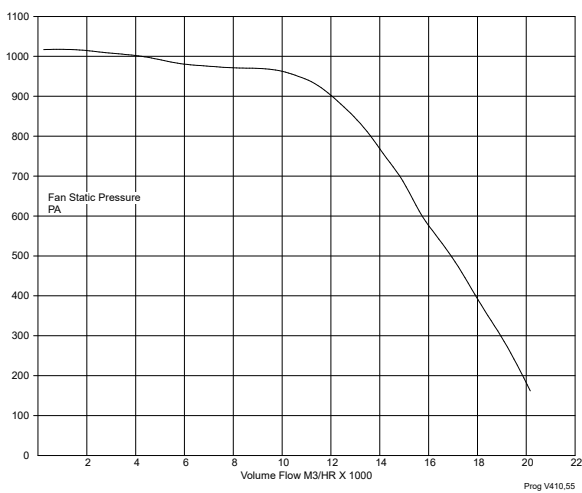
MKE-C 560/4K B



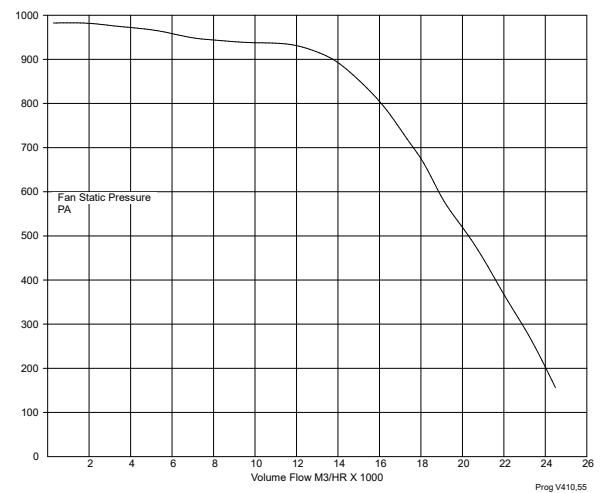
MKE-C 630/4K



MKE-C 710/4K A

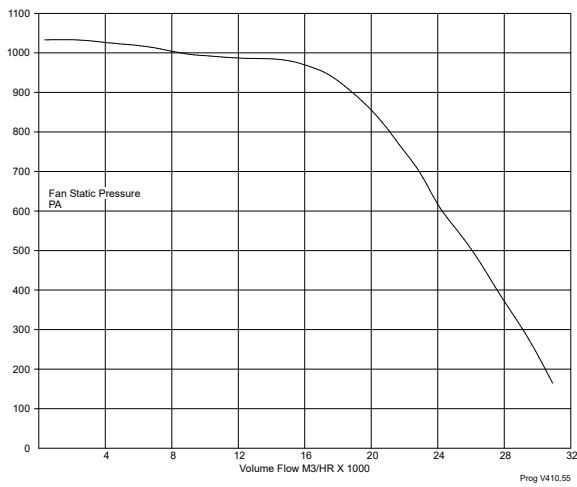


MKE-C 710/4K B

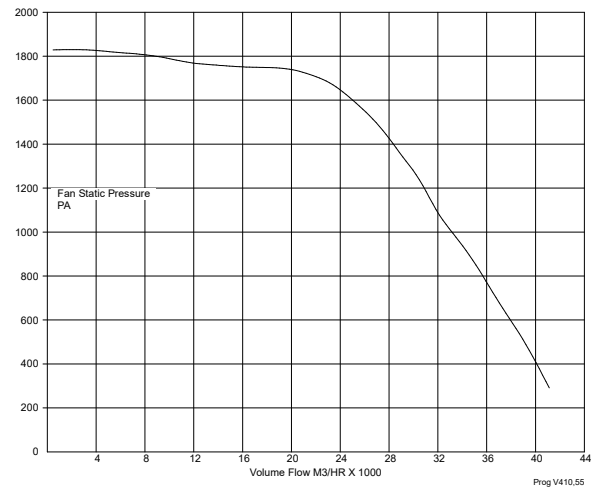


MKE-C 800/4K A

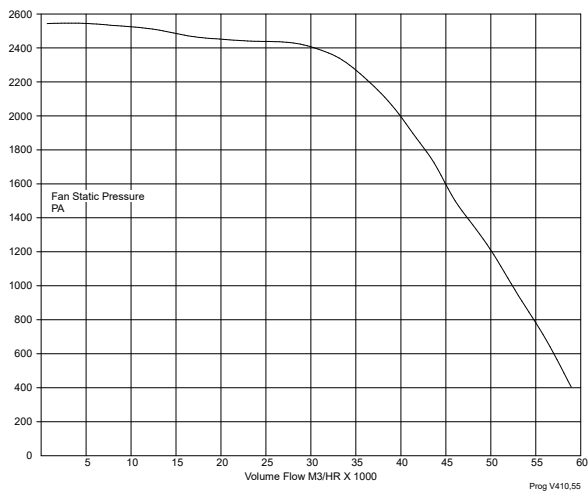
Pressure Curves



MKE-C 800/4K B



MKE-C 900/4K



MKE-C 1000/4K



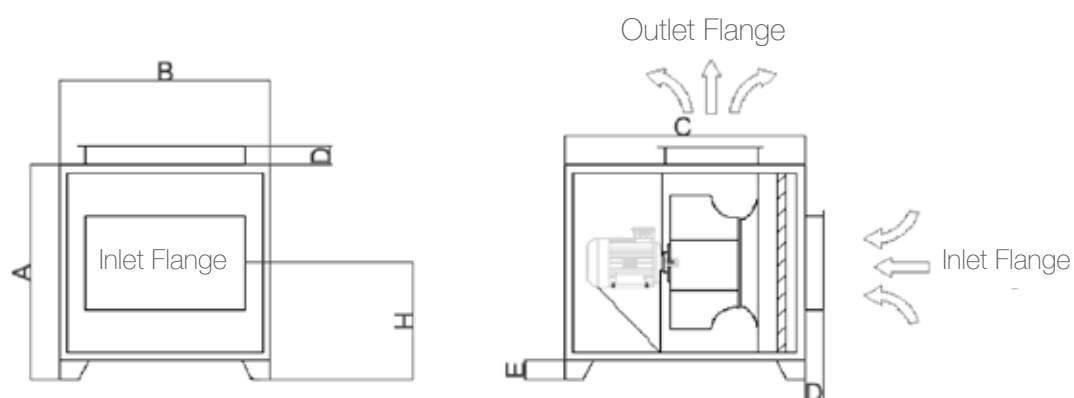
MKE-CE

KITCHEN EXHAUST FAN-ECO

MKE-CE Serie Kitchen Exhaust Fans is suitable for more ergonomic solutions especially for industrial kitchen ventilation needs.

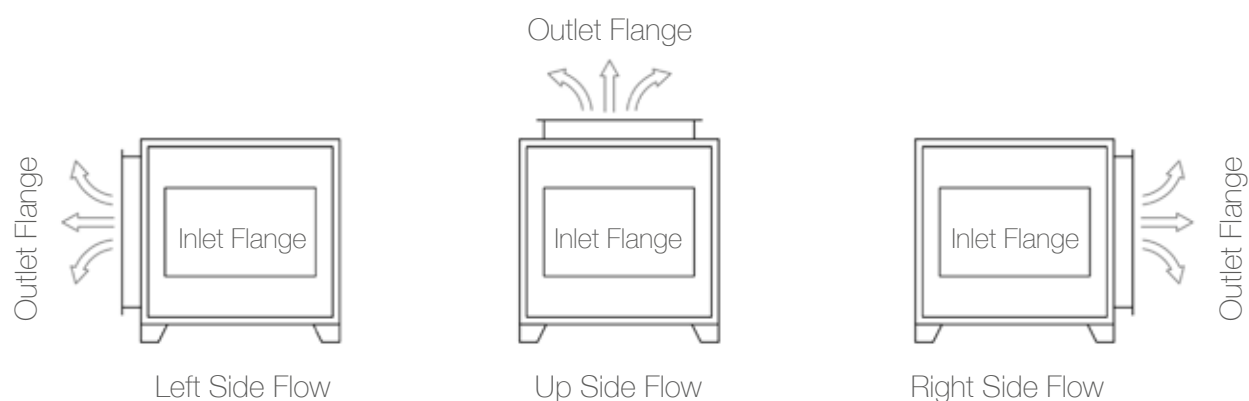
Technical Information

Model Type	Max m ³ /h	Max Pa.	m/sn	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree
MKE-CE 400/4K	3200	440	11	0,75	1450	2,1	50	380	83	60
MKE-CE 450/4K a	5000	450	13	0,75	1450	2,7	50	380	84	60
MKE-CE 450/4K b	5750	570	13,5	1,1	1450	3,6	50	380	87	60
MKE-CE 500/4K	7500	670	15	1,5	1450	5,3	50	380	90	60
MKE-CE 560/4K a	10000	720	16	2,2	1450	6,6	50	380	91	60
MKE-CE 560/4K b	12000	750	16,5	3	1450	8,7	50	380	93	60
MKE-CE 630/4K	16000	1000	18	4	1450	11,8	50	380	95	60
MKE-CE 710/4K a	18500	1000	19	5,5	1450	15,8	50	380	97	60
MKE-CE 710/4K b	20000	1000	19,5	7,5	1450	22,5	50	380	99	60



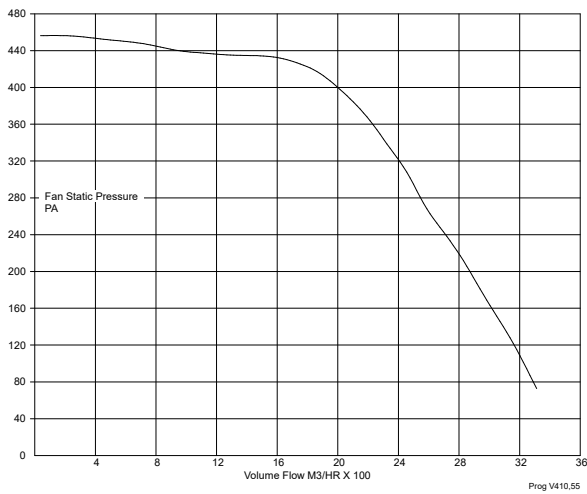
Model Type	A	B	C	D	E	H	INLET & OUTLET DIMENSION
MKE-CE 400	870	815	855	70	120	495	500 X 500 & 600 X 350
MKE-CE 450	870	815	855	70	120	495	500 X 500 & 600 X 350
MKE-CE 500	870	815	855	70	120	495	500 X 500 & 600 X 350
MKE-CE 560	870	815	855	70	120	495	500 X 500 & 600 X 350
MKE-CE 630	1070	1015	975	70	120	595	500 X 500 & 600 X 350
MKE-CE 710	1070	1015	975	70	120	595	700 X 700 & 800 X 350

DIRECTION CHART

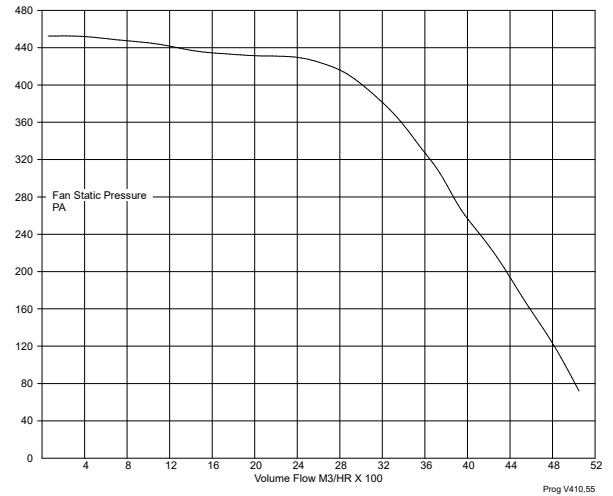




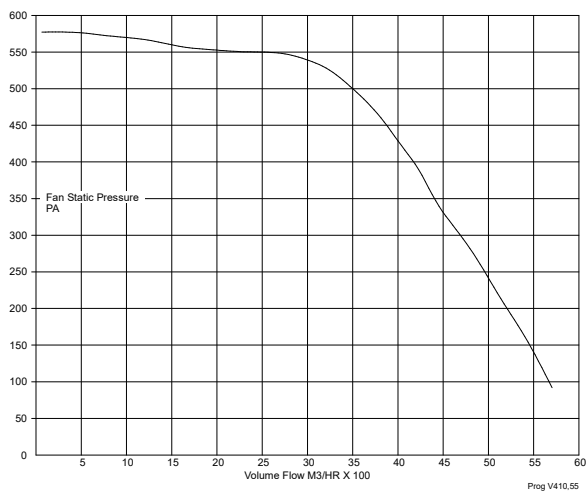
Pressure Curves



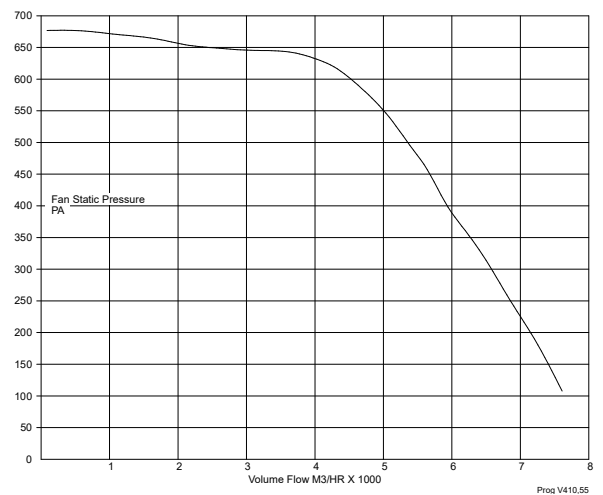
MKE-CE 400/4K



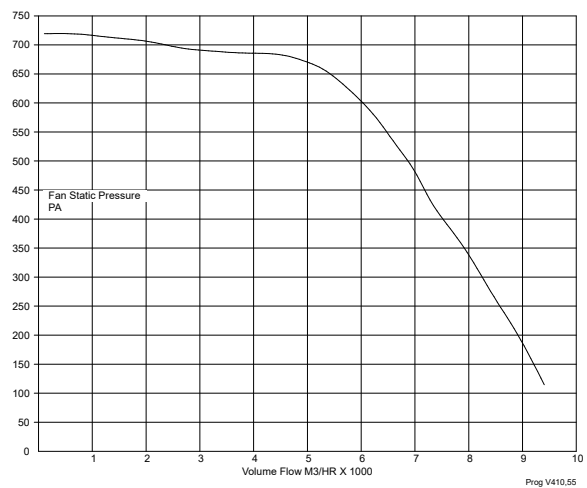
MKE-CE 450/4K A



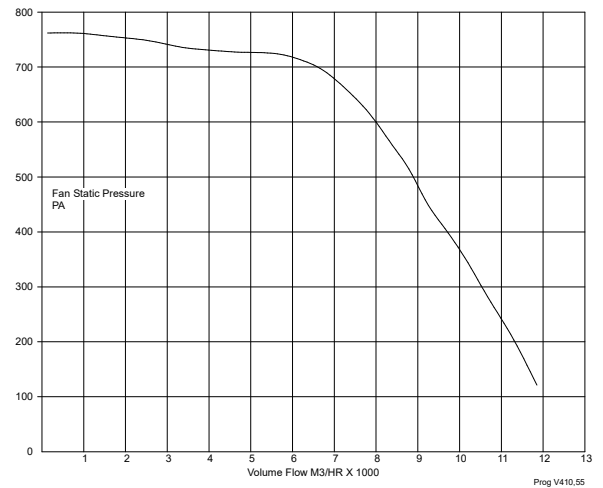
MKE-CE 450/4K B



MKE-CE 500/4K

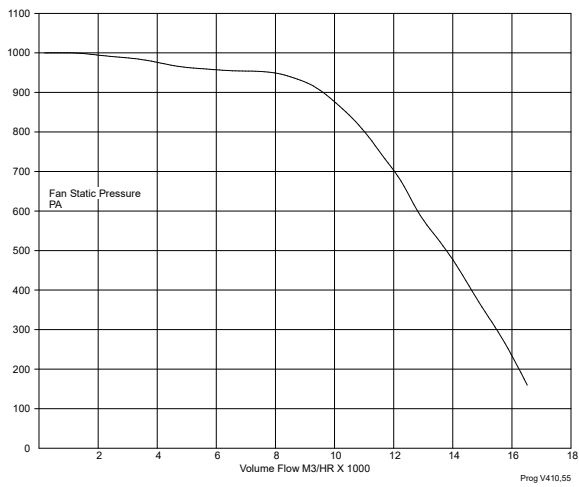


MKE-CE 560/4K A

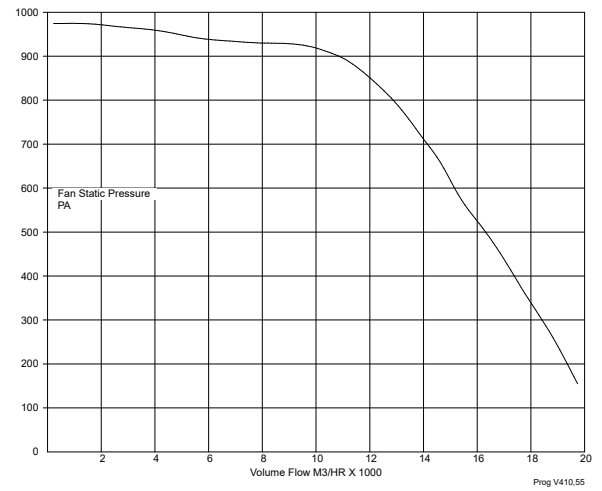


MKE-CE 560/4K B

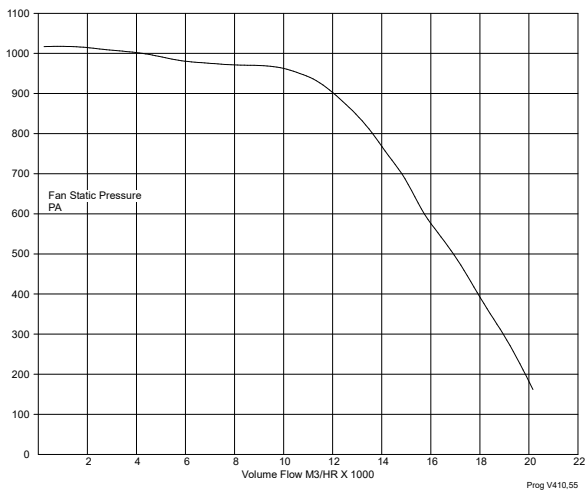
Pressure Curves



MKE-CE 630/4K



MKE-CE 710/4K A



MKE-CE 710/4K B



MKE-EP

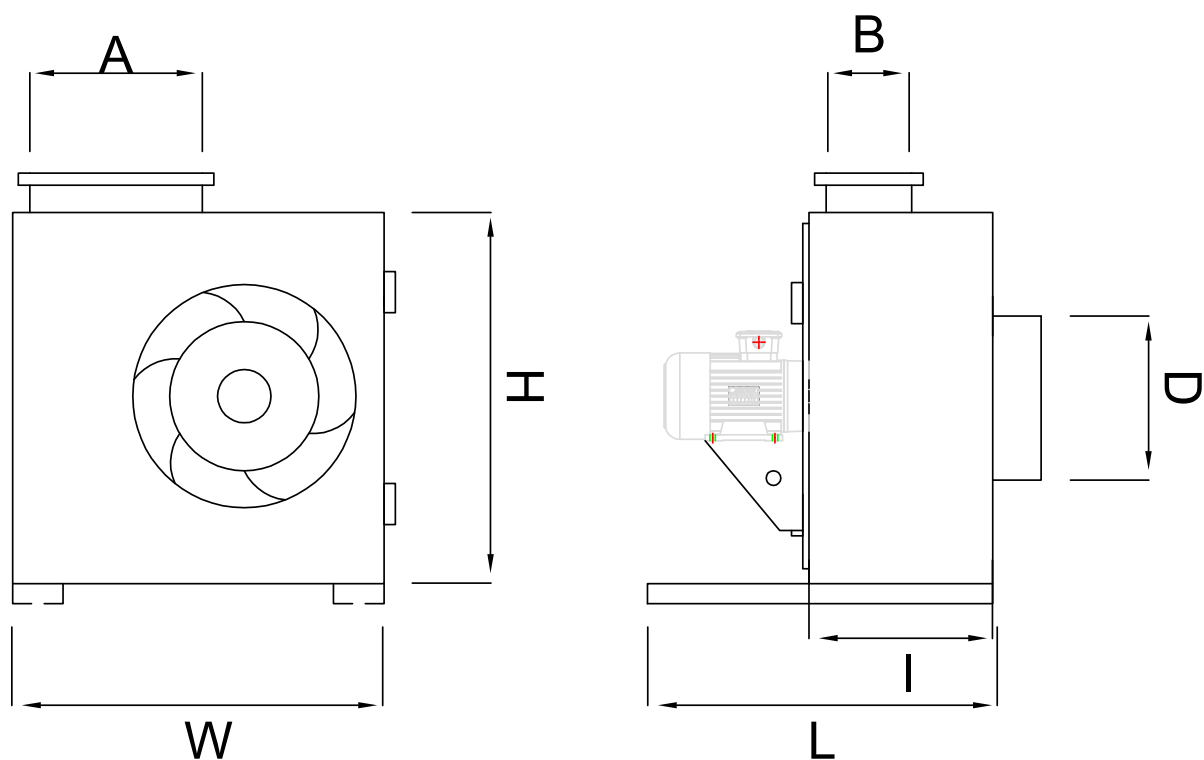
KITCHEN EXHAUST FAN-ECO PLUS

MKE-EP Serie Exhaust Fans is designed and developed for industrial kitchen fan solutions.

Compact design, easy to install and maintenance.

Technical Information

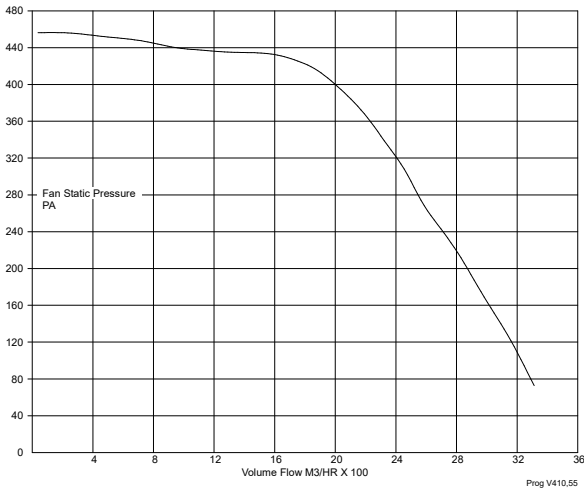
Model Type	Max m ³ /h	Max Pa.	m/sn	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree
MKE-EP 400/4K	3200	440	11	0,75	1450	2,1	50	380	83	60
MKE-EP 450/4K a	5000	450	13	0,75	1450	2,7	50	380	84	60
MKE-EP 450/4K b	5750	570	13,5	1,1	1450	3,6	50	380	87	60
MKE-EP 500/4K	7500	670	15	1,5	1450	5,3	50	380	90	60
MKE-EP 560/4K a	10000	720	16	2,2	1450	6,6	50	380	91	60
MKE-EP 560/4K b	12000	750	16,5	3	1450	8,7	50	380	93	60
MKE-EP 630/4K	16000	1000	18	4	1450	11,8	50	380	95	60
MKE-EP 710/4K a	18500	1000	19	5,5	1450	15,8	50	380	97	60
MKE-EP 710/4K b	20000	1000	19,5	7,5	1450	22,5	50	380	99	60



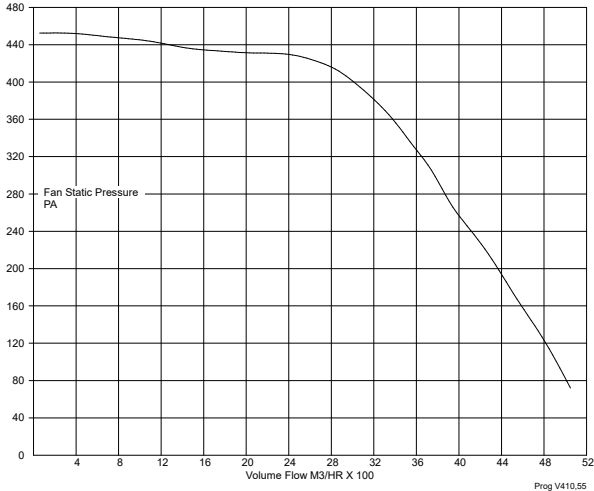
Model Type	W	H	L	I	AXB	QD	KG
MKE-EP 400	650	650	570	298	350 x 140	400	45
MKE-EP 450	700	700	600	310	380 x 150	450	70
MKE-EP 500	800	800	660	343	440 x 170	500	85
MKE-EP 560	900	900	777	400	490 x 200	560	105
MKE-EP 630	1000	1000	860	415	540 x 230	630	160
MKE-EP 710	1100	1100	980	467	590 x 260	710	203



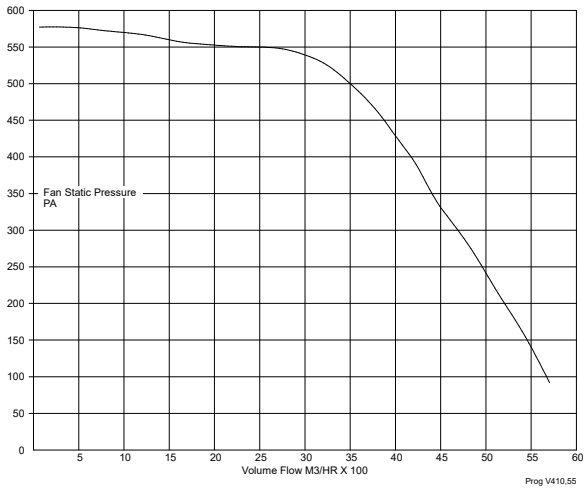
Pressure Curves



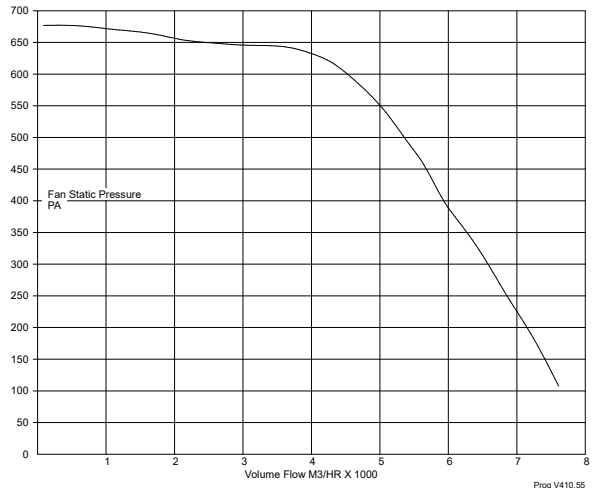
MKE-EP 400/4K



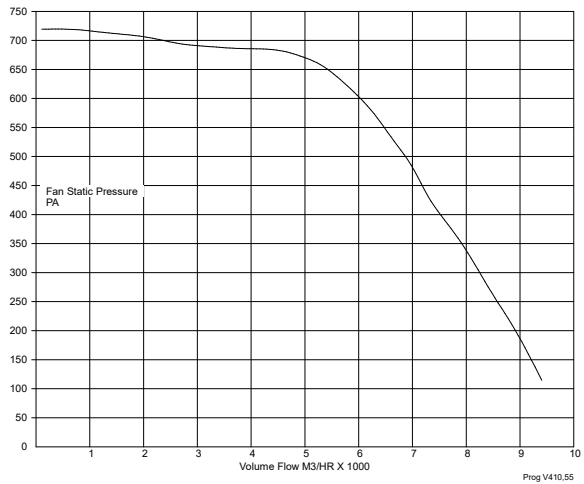
MKE-EP 450/4K A



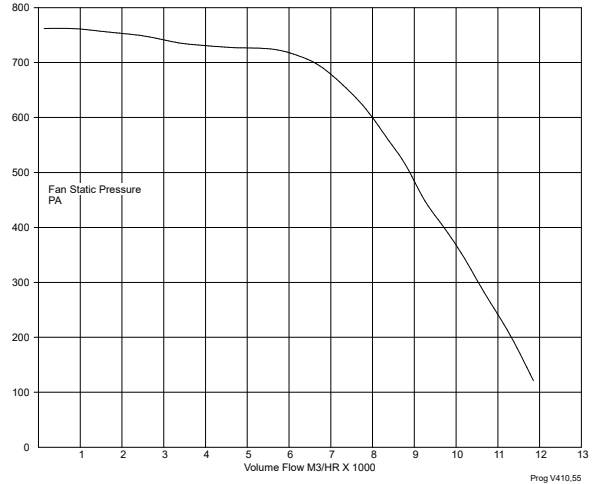
MKE-EP 450/4K B



MKE-EP 500/4K

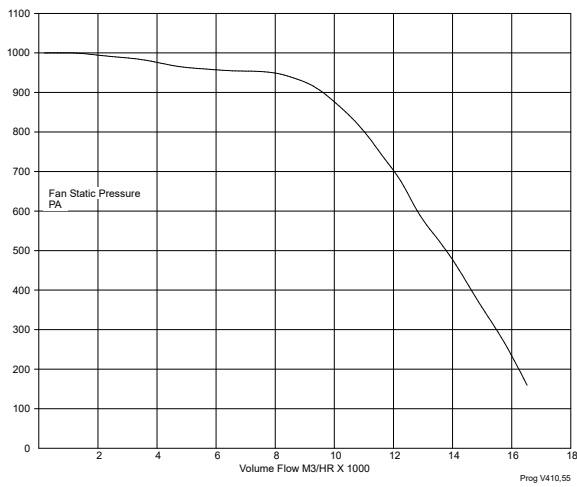


MKE-EP 560/4K A

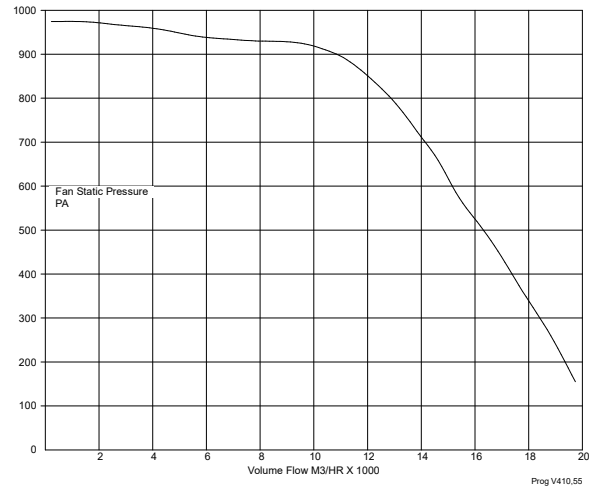


MKE-EP 560/4K B

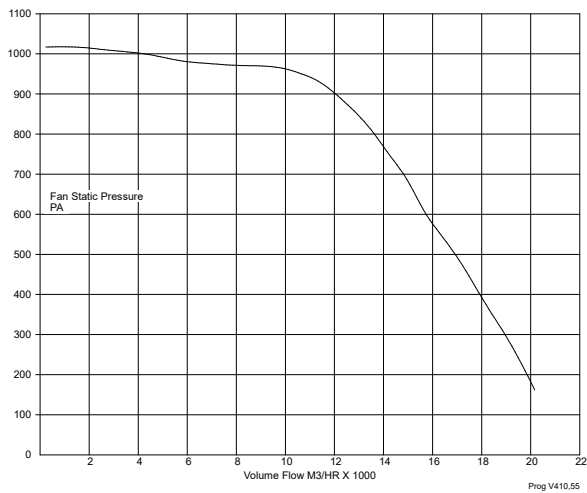
Pressure Curves



MKE-EP 630/4K



MKE-EP 710/4K A



MKE-EP 710/4K B



MKE-KC

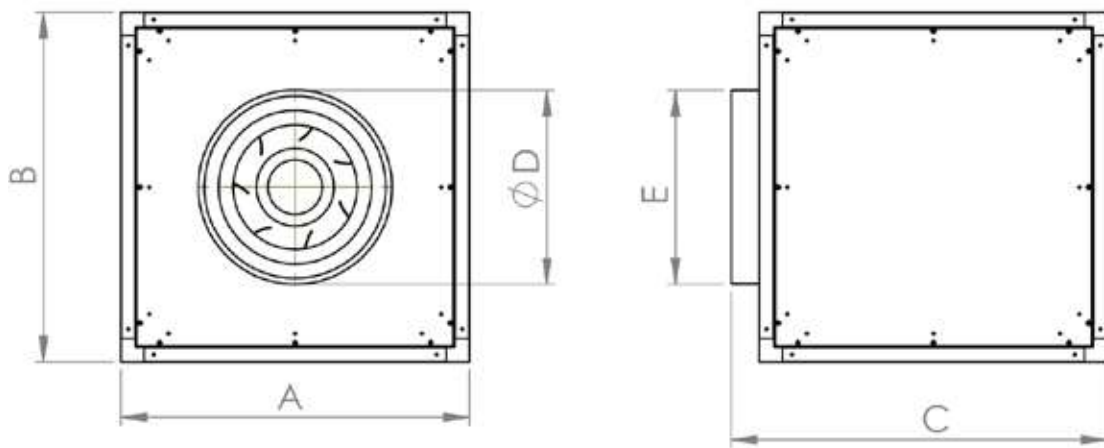
BOX FANS

MKE-KC Serie Exhaust fans can be used in narrow places with its compact frame where medium volume needs. Special designed impeller allows for high efficiency.

Technical Information

Model Type	Max m ³ /h	kW	rpm d/d	Hz	Voltage	Sound dB
MKE-KC 280	1100	0,18	1450	50	380	36
MKE-KC 315	1600	0,25	1469	50	380	38
MKE-KC 355	2300	0,37	1471	50	380	43
MKE-KC 400	3300	0,55	1478	50	380	45
MKE-KC 450	5000	0,75	1454	50	380	50
MKE-KC 500	7000	1,1	1462	50	380	53
MKE-KC 560	9800	1,5	1464	50	380	56,5
MKE-KC 630	14000	3	1465	50	380	59
MKE-KC 710	13000	4	950	50	380	55

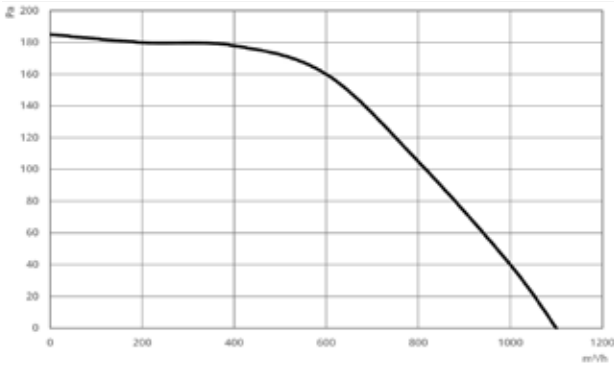
Values are for 0 Pa.



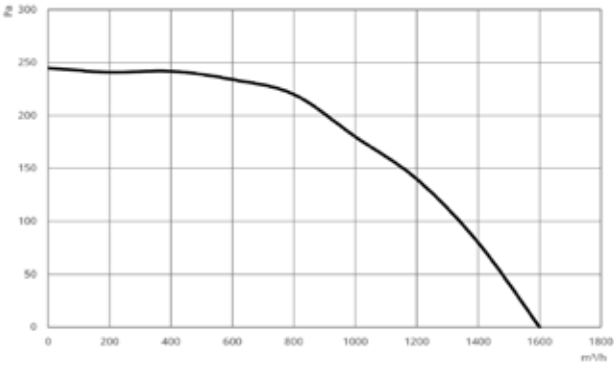
Model Type	A	B	C	D	E
MKE-KC 280	450	450	520	280	250
MKE-KC 315	500	500	570	315	300
MKE-KC 355	500	500	570	355	300
MKE-KC 400	600	600	600	400	350
MKE-KC 450	700	700	770	450	400
MKE-KC 500	800	800	870	500	450
MKE-KC 560	900	900	970	560	500
MKE-KC 630	1000	1000	1070	630	600
MKE-KC 710	1100	1100	1170	710	650



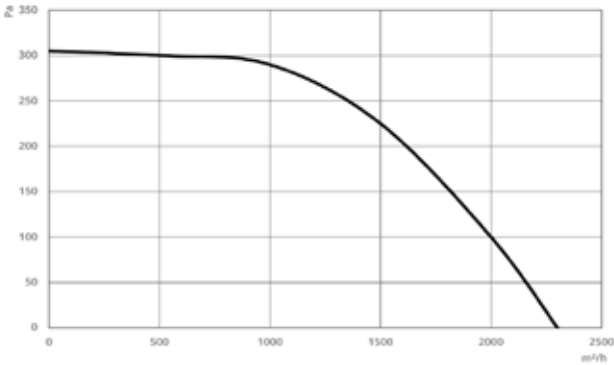
Pressure Curves



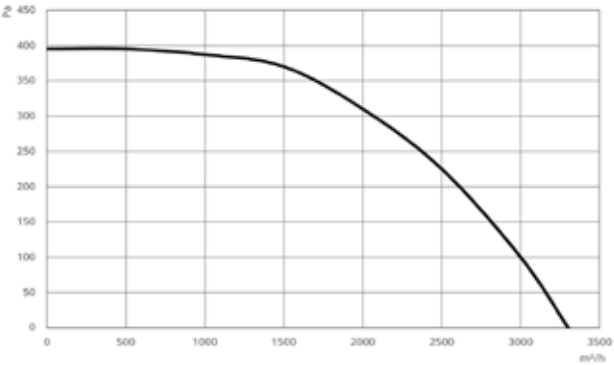
MKE-KC 280



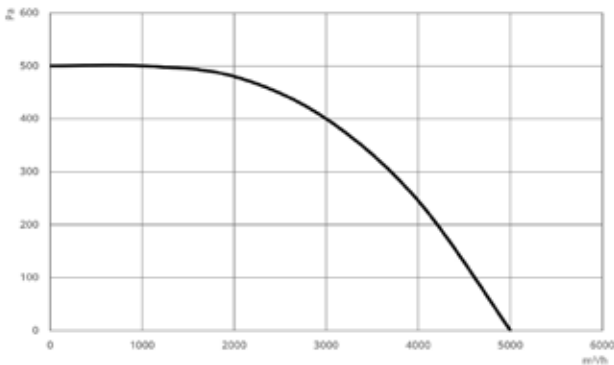
MKE-KC 315



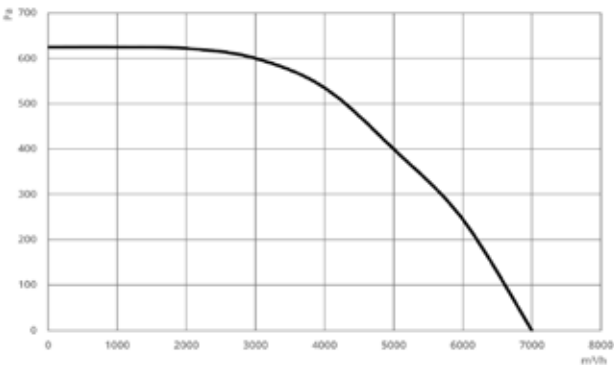
MKE-KC 355



MKE-KC 400

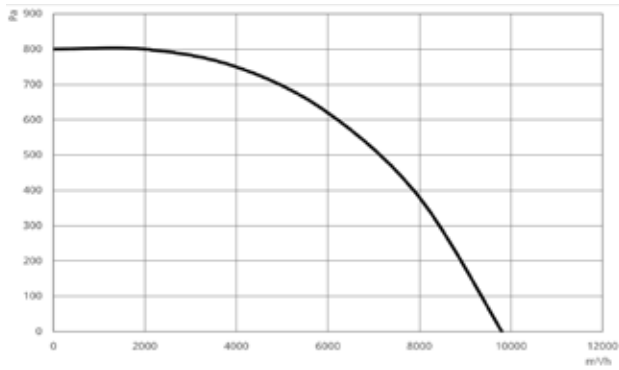


MKE-KC 450

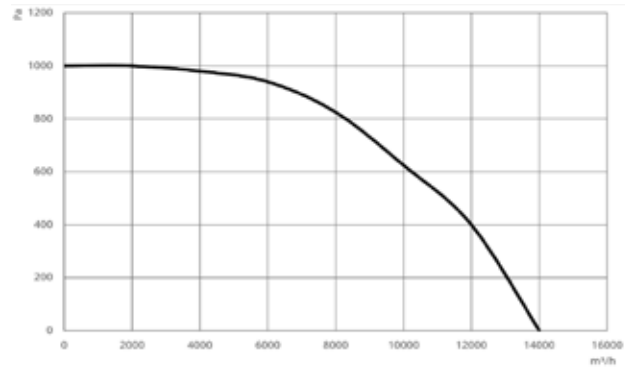


MKE-KC 500

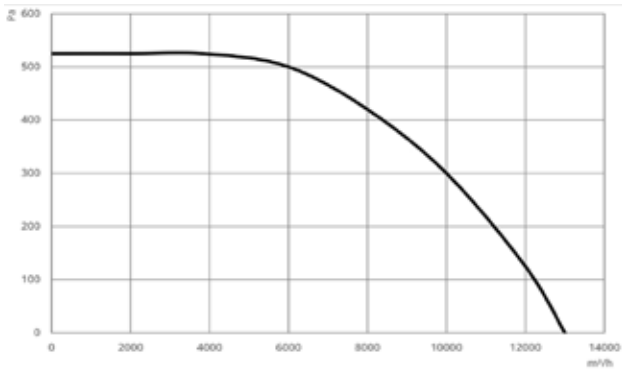
Pressure Curves



MKE-KC 560



MKE-KC 630



MKE-KC 710



MKE-KCA

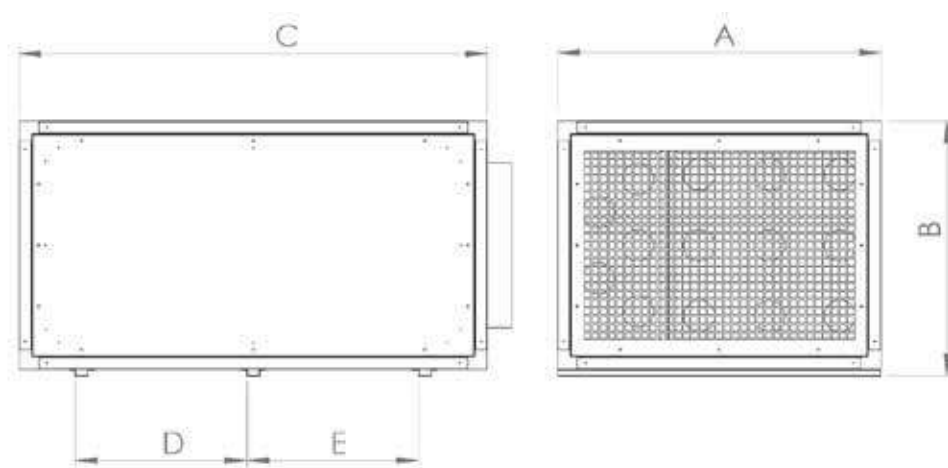
BOX TYPE KITCHEN EXHAUST FAN WITH ACTIVE CARBON FILTERS

MKE-KCA serie Exhaust fans are designed for industrial and commercial kitchens Easy cleaning and maintenance. Metal oil filter, G2 dust filter, Active carbon filter, included.

Technical Information

Model Type	Max m³/h	W	rpm d/d	Hz	Voltage	Sound dB
MKE-KCA 400	2400	380	1362	50	230	45
MKE-KCA 450	3300	690	1367	50	230	48
MKE-KCA 500	5200	830	1364	50	230-380	52
MKE-KCA 560	7200	1460	1369	50	380	55

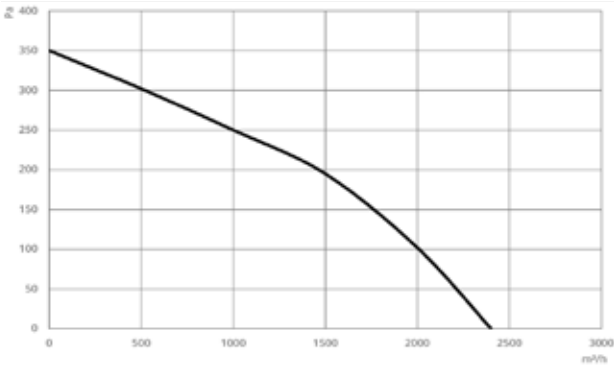
Values are for 0 Pa.



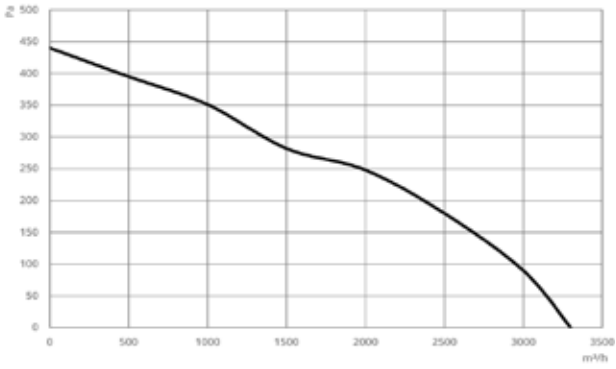
Model Type	A	B	C	D	E
MKE-KCA 400	665	750	1420	520	520
MKE-KCA 450	665	750	1420	520	520
MKE-KCA 500	980	750	1420	520	520
MKE-KCA 560	980	750	1420	520	520



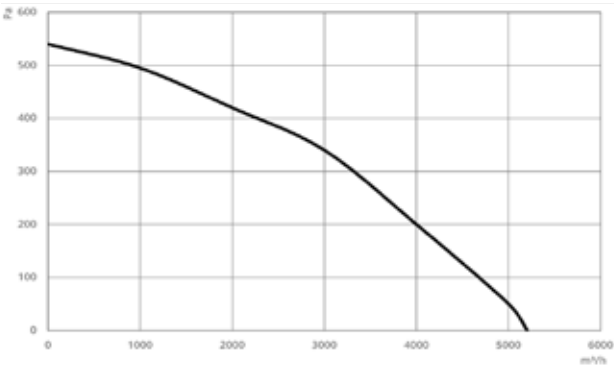
Pressure Curves



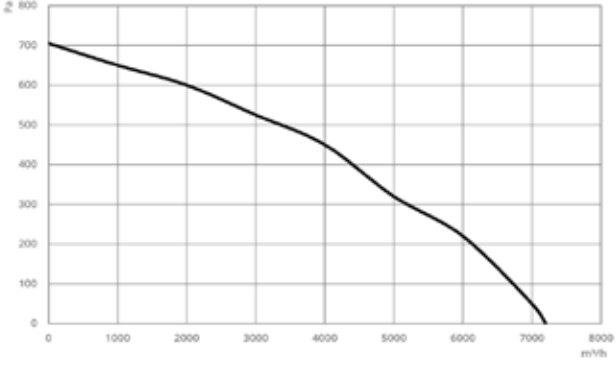
MKE-KCA 400



MKE-KCA 450



MKE-KCA 500



MKE-KCA 560





Axial Fans Models

MA-DF

MA-BF

MA-WF

MA-HF

MFA

MAP

MA-WF MA-WFS

MAP-BD

MAW

MAW-S



Options On Request



Anti Corrosion Fans



Ex-Proof

Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	ST37	PPG / ALU	80 °C	ISO 9001

MA-DF

DUCT TYPE AXIAL FAN

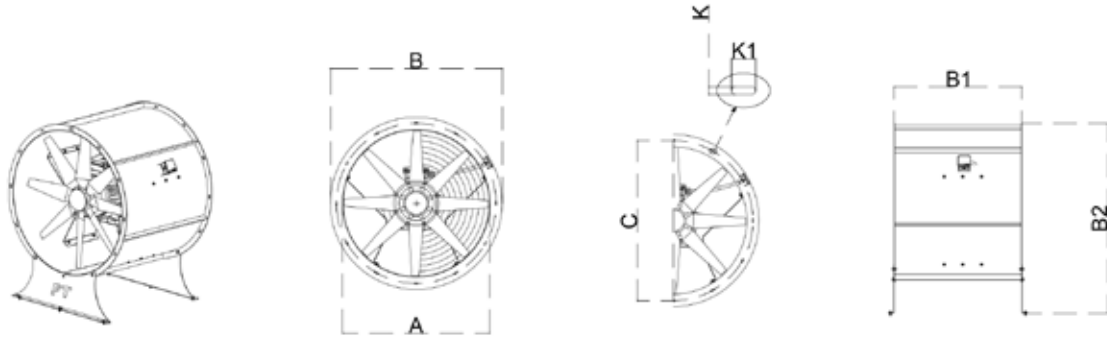
MA-DF Serie fans can be used in exhaust or supply fresh air applications. Can be mounted in duct(in between or end with) and adjustable blade angles provide variable air flow options for every size.

Technical Information

	Model Type	Max m³/h	Max Pa.	m/ sc	kW	rpm d/d	A	Hz	Volt- age	Sound dB	Max. Degree	Kg. Max.
3H PPG WING	MA-DF 310/4K 40-6	2350	75	8,2	0,18	1450	0,58	50	380	93	-30+90	87
	MA-DF 350/4K 45-6	3500	75	10,4	0,25	1450	0,81	50	380	94	-30+90	93
	MA-DF 400/4K 45-6	5000	100	11,4	0,25	1450	0,81	50	380	86	-30+90	95
	MA-DF 450/4K 45-6	7000	125	12,8	0,37	1450	1,2	50	380	92	-30+90	116
	MA-DF 500/4K 45-6	9400	150	13,5	0,55	1450	1,2	50	380	93	-30+90	123
	MA-DF 560/4K 45-6	12500	175	10,8	0,75	1450	2,1	50	380	94	-30+90	125
	MA-DF 560/4K 50-8	14700	200	12,8	1,5	1450	3,6	50	380	81	-30+90	155
	MA-DF 630/4K 45-8	16200	230	12,9	1,5	1450	2,7	50	380	98	-30+90	170
	MA-DF 630/4K 45-10	18800	250	16,9	2,2	1450	5,3	50	380	98	-30+90	178
4Z PPG WING	MA-DF 710/4K 32,5-6	20000	250	15,1	2,2	1450	5,3	50	380	89	-30+90	220
	MA-DF 710/4K 40-6	25000	250	18,4	3	1450	6,6	50	380	90	-30+90	329
	MA-DF 710/4K 45-6	28500	250	20,3	4	1450	8,7	50	380	93	-30+90	372
5Z PPG WING	MA-DF 800/4K 40-6	32000	300	19,5	5,5	1450	8,7	50	380	95	-30+90	439
	MA-DF 800/4K 45-6	37000	350	21,6	5,5	1450	11,8	50	380	96	-30+90	458
	MA-DF 800/4K 45-9	40000	350	23,5	7,5	1450	15,8	50	380	98	-30+90	665
	MA-DF 900/4K 40-6	45000	350	20,5	7,5	1450	15,8	50	380	97	-30+90	785
	MA-DF 1000/4K 37,5-6	50000	350	20	7,5	1450	15,8	50	380	95	-30+90	665

FAN SELECTION CHART

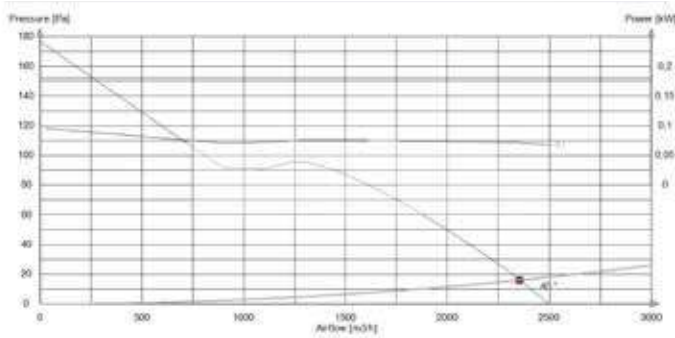
Model Type	25Pa	50Pa	75Pa	100Pa	125Pa	150Pa	175Pa	200Pa	250Pa	300Pa	350Pa	400Pa
MA-DF 310/4K 40-6	2100	1130	1400	-	-	-	-	-	-	-	-	-
MA-DF 350/4K 45-6	3000	2500	2000	-	-	-	-	-	-	-	-	-
MA-DF 400/4K 45-6	4500	4100	3500	3150	-	-	-	-	-	-	-	-
MA-DF 450/4K 45-6	5800	5350	5000	4100	3350	-	-	-	-	-	-	-
MA-DF 500/4K 45-6	8000	7000	6550	6150	5700	5000	-	-	-	-	-	-
MA-DF 560/4K 45-6	11500	11000	10500	10000	9000	8000	6700	-	-	-	-	-
MA-DF 560/4K 50-8	14000	13000	12000	11000	10500	10000	8500	5800	-	-	-	-
MA-DF 630/4K 45-8	14000	13330	12000	11400	10700	9700	8300	5100	-	-	-	-
MA-DF 630/4K 45-10	18200	18000	17000	16500	16000	15500	15000	14500	13000	-	-	-
MA-DF 710/4K 32,5-6	21000	20000	19200	19000	18000	17000	16000	15300	13700	-	-	-
MA-DF 710/4K 40-6	25000	24000	23000	22000	20000	19000	17500	16500	16000	-	-	-
MA-DF 710/4K 45-6	28000	27500	26000	25000	24500	24000	23000	22000	19000	11500	-	-
MA-DF 800/4K 40-6	34000	33000	32500	32000	31000	30000	29000	27000	25500	22000	15000	-
MA-DF 800/4K 45-6	38000	37000	36000	35000	34000	33500	32500	31000	28000	190000	15000	-
MA-DF 800/4K 45-9	41000	40500	40000	39000	38000	37000	36000	35000	34000	31500	29000	16500
MA-DF 900/4K 40-6	46000	45000	44000	43000	42000	41500	40000	39000	36500	35000	31000	22000
MA-DF 1000/4K 37,5-6	55000	54000	53000	52000	51000	50000	39000	47000	45000	42500	40000	35000



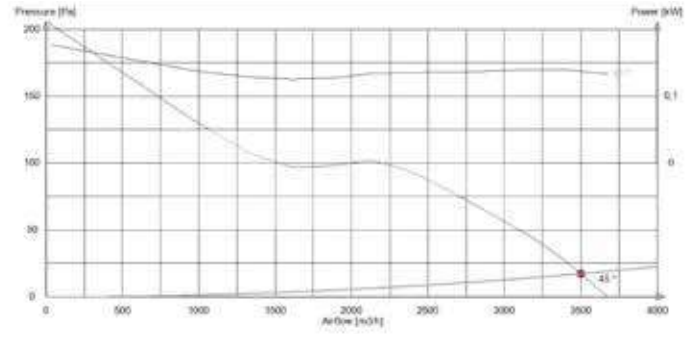
BODY DIMENSIONS

Model Type	A	B	B1	B2	C	K	K1
MA-DF 310	310	395	350	455	355	Ø 9x8 Ad.	20
MA-DF 350	350	430	350	590	390	Ø 9x8 Ad.	20
MA-DF 400	400	480	400	540	440	Ø 9x8 Ad.	20
MA-DF 450	450	530	450	490	490	Ø 9x8 Ad.	20
MA-DF 500	500	580	450	640	540	Ø 9x8 Ad.	20
MA-DF 560	560	640	500	700	600	Ø 9x8 Ad.	20
MA-DF 630	630	730	500	780	680	Ø 11x10 Ad.	30
MA-DF 710	710	810	500	860	760	Ø 11x10 Ad.	30
MA-DF 800	800	900	500	950	850	Ø 11x10 Ad.	30
MA-DF 900	900	1000	500	1050	950	Ø 11x10 Ad.	30
MA-DF 1000	1000	1100	500	1150	1050	Ø 13x14 Ad.	30
MA-DF 1120	1120	1120	550	1270	1170	Ø 13x14 Ad.	40
MA-DF 1250	1250	1350	600	1400	1300	Ø 13x14 Ad.	40
MA-DF 1400	1400	1500	600	1550	1450	Ø 13x14 Ad.	40
MA-DF 1600	1600	1700	600	1750	1650	Ø 13x16 Ad.	50
MA-DF 1800	1800	1900	600	1950	1850	Ø 13x18 Ad.	50
MA-DF 2000	2000	2100	600	2150	2050	Ø 13x18 Ad.	50

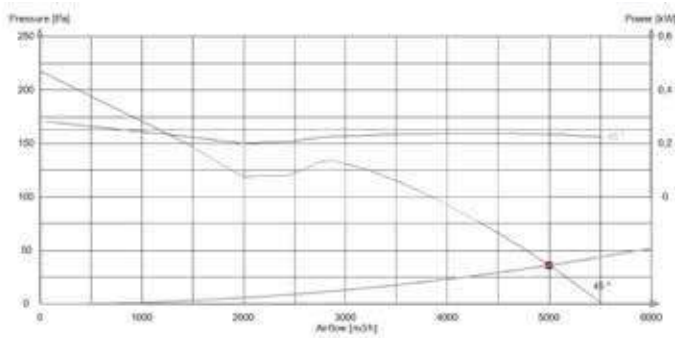
Pressure Curves



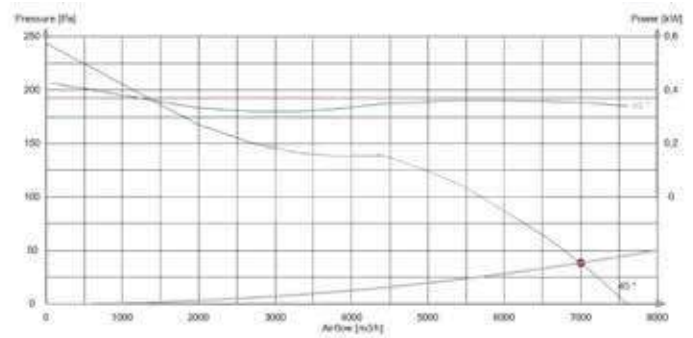
MA-DF 310/4K 40-6



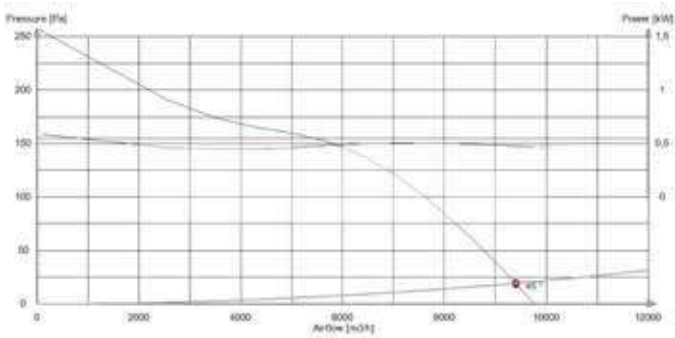
MA-DF 350/4K 45-6



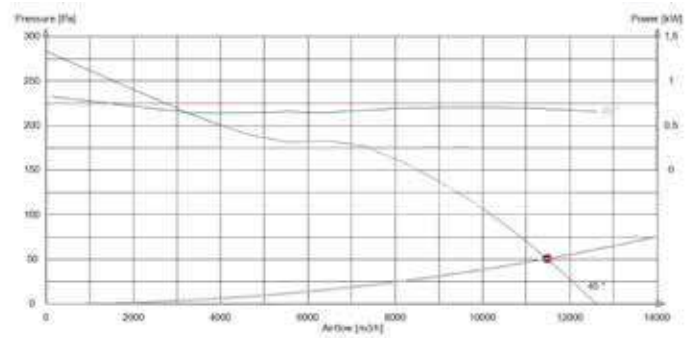
MA-DF 400/4K 45-6



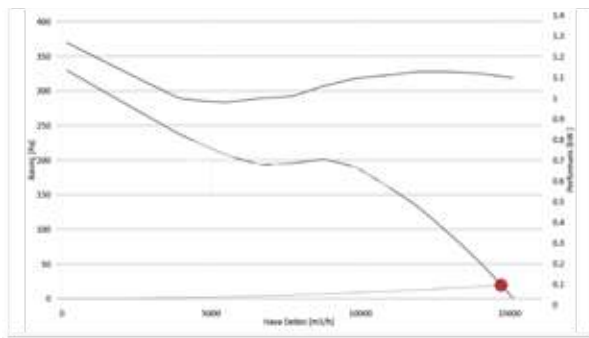
MA-DF 450/4K 45-6



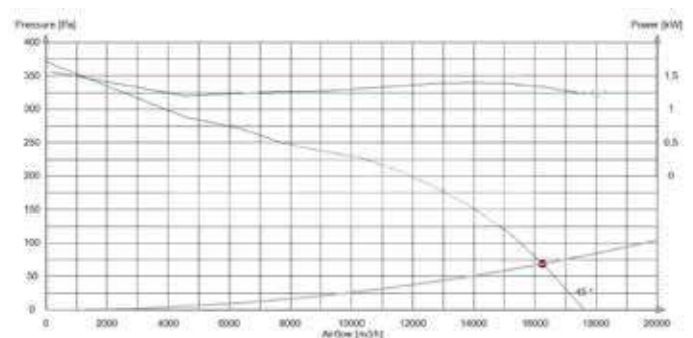
MA-DF 500/4K 45-6



MA-DF 560/4K 45-6



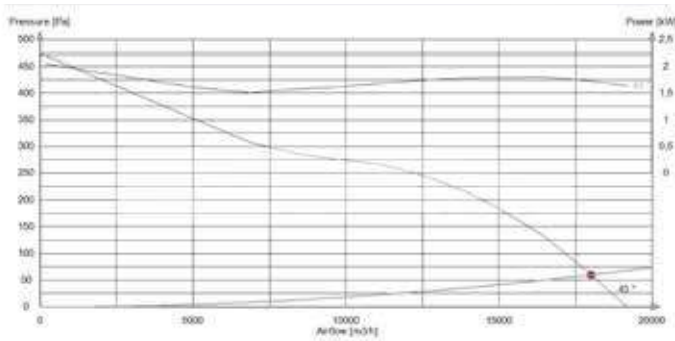
MA-DF 560/4K 50-8



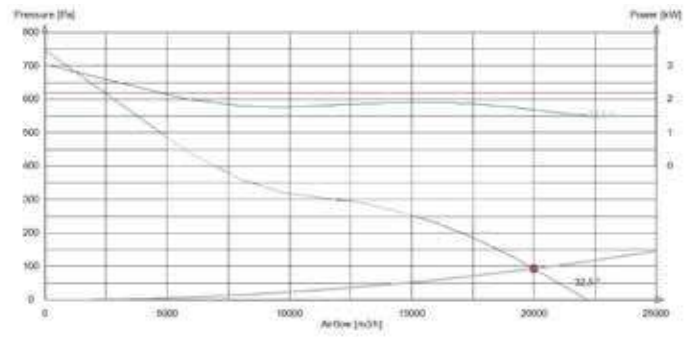
MA-DF 630/4K 45-8



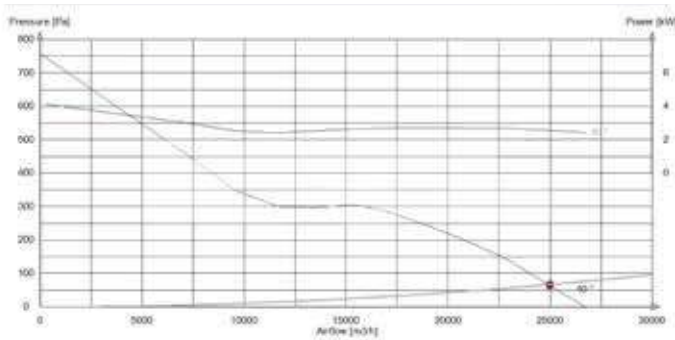
Pressure Curves



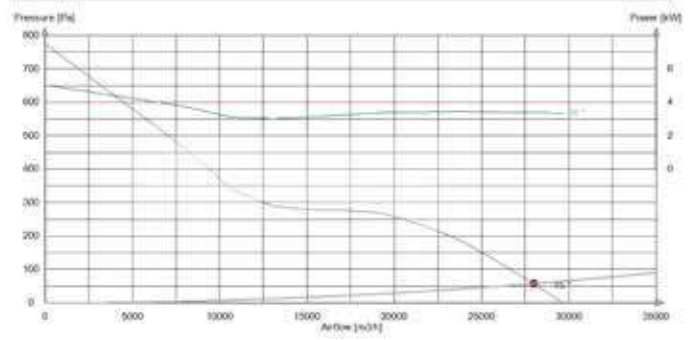
MA-DF630/4K 45-10



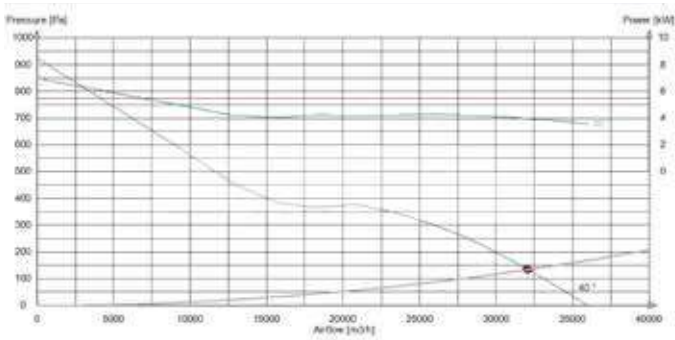
MA-DF 710/4K 32,5-6



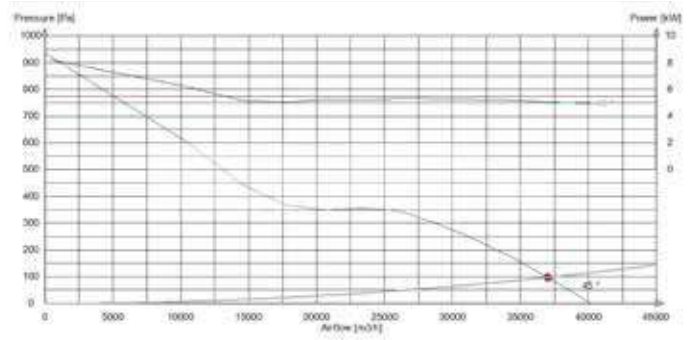
MA-DF 710/4K 40-6



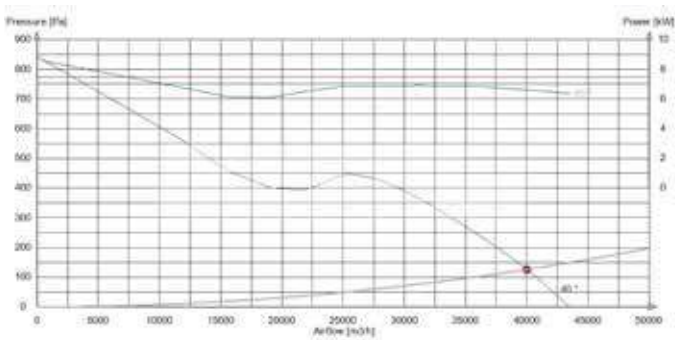
MA-DF 710/4K 45-6



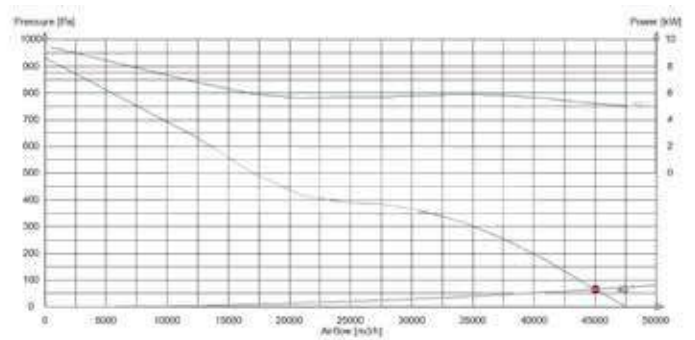
MA-DF 800/4K 40-6



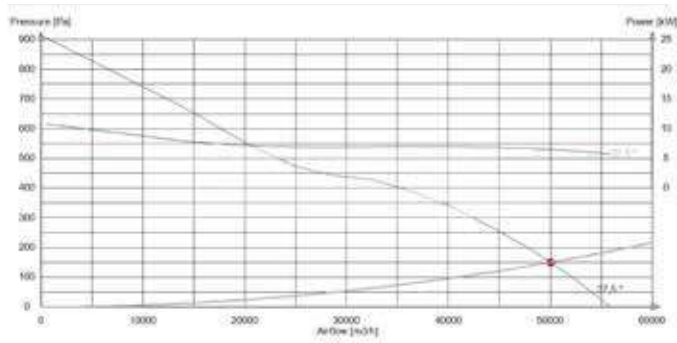
MA-DF 800/4K 45-6



MA-DF 800/4K 45-9



MA-DF 900/4K 40-6



MA-DF 1000/4K 37,5-6



Options On Request



Ex-Proof

F300

F300°C/2h

Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	ST37	PPG / ALU	80 °C	ISO 9001

MA-BF

BIFURCATED CASE AXIAL FANS

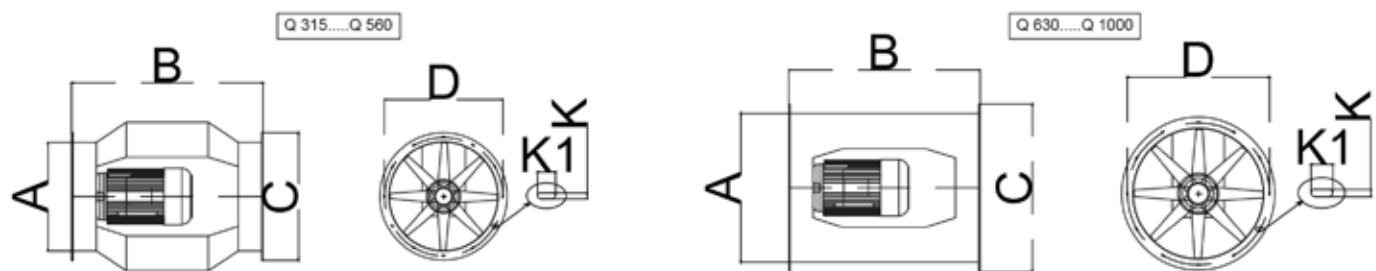
MA-BF Serie Bifurcated Case Axial fans has been designed to handle hostile air conditions. Isolating the motor from the system airstream, the bifurcated fan can transport a wide variety of saturated and dustladen atmospheres, heated air and hot gases.

Technical Information

	Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Volt- age	Sound dB	Max. Degree
3H PPG WING	MA-BF 310/4K 40-6	2350	75	8,2	0,18	1450	0,58	50	380	93	-30+90
	MA-BF 350/4K 45-6	3500	75	10,4	0,25	1450	0,81	50	380	94	-30+90
	MA-BF 400/4K 45-6	5000	100	11,4	0,25	1450	0,81	50	380	86	-30+90
	MA-BF 450/4K 45-6	7000	125	12,8	0,37	1450	1,2	50	380	92	-30+90
	MA-BF 500/4K 45-6	9400	150	13,5	0,55	1450	1,2	50	380	93	-30+90
	MA-BF 560/4K 45-6	12500	175	10,8	0,75	1450	2,1	50	380	94	-30+90
	MA-BF 560/4K 50-8	14700	200	12,8	1,5	1450	3,6	50	380	81	-30+90
	MA-BF 630/4K 45-8	16200	230	12,9	1,5	1450	2,7	50	380	98	-30+90
	MA-BF 630/4K 45-10	18800	250	16,9	2,2	1450	5,3	50	380	98	-30+90
4Z PPG WING	MA-BF 710/4K 32,5-6	20000	250	15,1	2,2	1450	5,3	50	380	89	-30+90
	MA-BF 710/4K 40-6	25000	250	18,4	3	1450	6,6	50	380	90	-30+90
	MA-BF 710/4K 45-6	28500	250	20,3	4	1450	8,7	50	380	93	-30+90
5Z PPG WING	MA-BF 800/4K 40-6	32000	300	19,5	5,5	1450	8,7	50	380	95	-30+90
	MA-BF 800/4K 45-6	37000	350	21,6	5,5	1450	11,8	50	380	96	-30+90
	MA-BF 800/4K 45-9	40000	350	23,5	7,5	1450	15,8	50	380	98	-30+90
	MA-BF 900/4K 40-6	45000	350	20,5	7,5	1450	15,8	50	380	97	-30+90
	MA-BF 1000/4K 37,5-6	50000	350	20	7,5	1450	15,8	50	380	95	-30+90

FAN SELECTION CHART

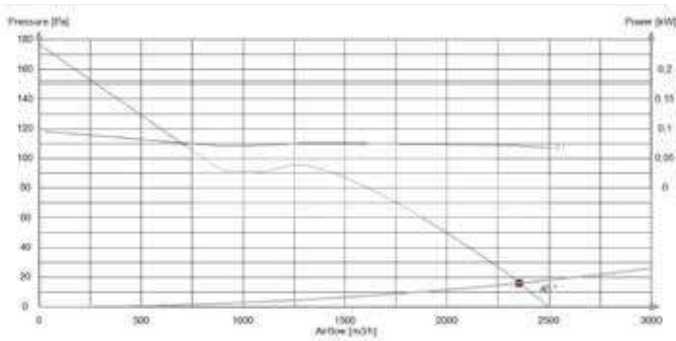
Model Type	25Pa	50Pa	75Pa	100Pa	125Pa	150Pa	175Pa	200Pa	250Pa	300Pa	350Pa	400Pa
MA-BF 310/4K 40-6	2100	1130	1400	-	-	-	-	-	-	-	-	-
MA-BF 350/4K 45-6	3000	2500	2000	-	-	-	-	-	-	-	-	-
MA-BF 400/4K 45-6	4500	4100	3500	3150	-	-	-	-	-	-	-	-
MA-BF 450/4K 45-6	5800	5350	5000	4100	3350	-	-	-	-	-	-	-
MA-BF 500/4K 45-6	8000	7000	6550	6150	5700	5000	-	-	-	-	-	-
MA-BF 560/4K 45-6	11500	11000	10500	10000	9000	8000	6700	-	-	-	-	-
MA-BF 560/4K 50-8	14000	13000	12000	11000	10500	10000	8500	5800	-	-	-	-
MA-BF 630/4K 45-8	14000	13330	12000	11400	10700	9700	8300	5100	-	-	-	-
MA-BF 630/4K 45-10	18200	18000	17000	16500	16000	15500	15000	14500	13000	-	-	-
MA-BF 710/4K 32,5-6	21000	20000	19200	19000	18000	17000	16000	15300	13700	-	-	-
MA-BF 710/4K 40-6	25000	24000	23000	22000	20000	19000	17500	16500	16000	-	-	-
MA-BF 710/4K 45-6	28000	27500	26000	25000	24500	24000	23000	22000	19000	11500	-	-
MA-BF 800/4K 40-6	34000	33000	32500	32000	31000	30000	29000	27000	25500	22000	15000	-
MA-BF 800/4K 45-6	38000	37000	36000	35000	34000	33500	32500	31000	28000	190000	15000	-
MA-BF 800/4K 45-9	41000	40500	40000	39000	38000	37000	36000	35000	34000	31500	29000	16500
MA-BF 900/4K 40-6	46000	45000	44000	43000	42000	41500	40000	39000	36500	35000	31000	22000
MA-BF 1000/4K 37,5-6	55000	54000	53000	52000	51000	50000	39000	47000	45000	42500	40000	35000



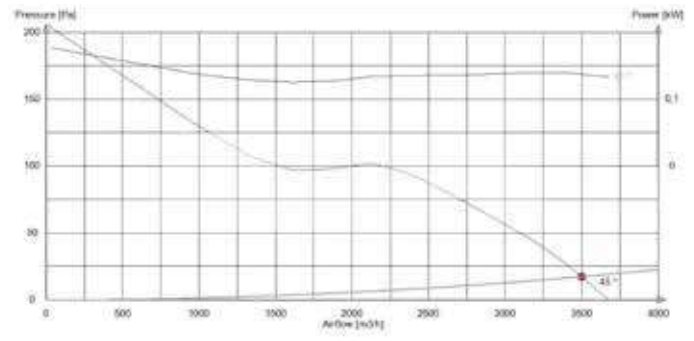
BODY DIMENSIONS

Model Type	A	B	C	D	K	K1
MA-BF 310	315	460	395	455	Ø 9x8 Ad.	20
MA-BF 350	350	460	430	590	Ø 9x8 Ad.	20
MA-BF 400	400	580	480	540	Ø 9x8 Ad.	20
MA-BF 450	450	640	530	490	Ø 9x8 Ad.	20
MA-BF 500	500	730	580	640	Ø 9x8 Ad.	20
MA-BF 560	560	730	640	700	Ø 9x8 Ad.	20
MA-BF 630	630	730	730	780	Ø 11x10 Ad.	30
MA-BF 710	710	770	810	860	Ø 11x10 Ad.	30
MA-BF 800	800	830	900	950	Ø 11x10 Ad.	30
MA-BF 900	900	850	1000	1050	Ø 11x10 Ad.	30
MA-BF 1000	1000	1270	1100	1150	Ø 13x14 Ad.	30

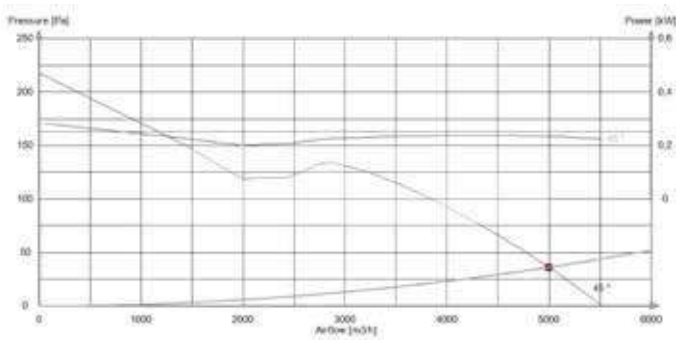
Pressure Curves



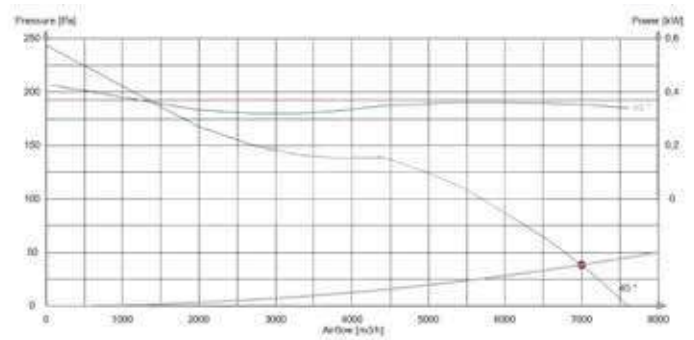
MA-BF 310/4K 40-6



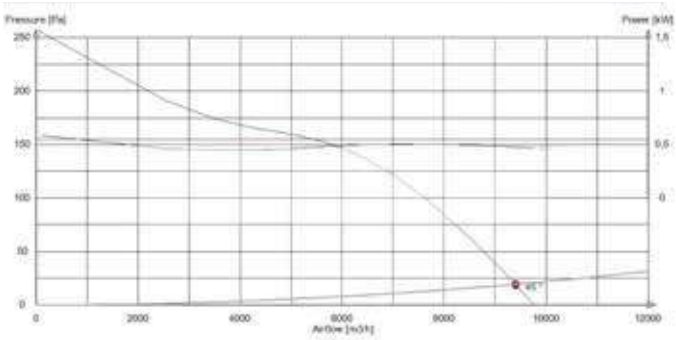
MA-BF 350/4K 45-6



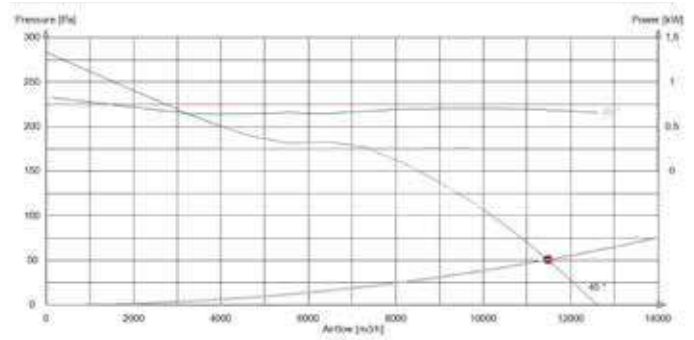
MA-BF 400/4K 45-6



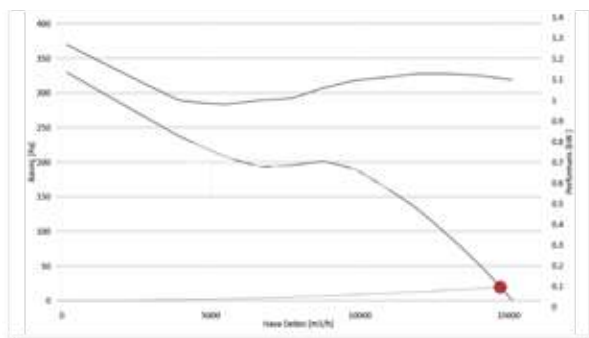
MA-BF 450/4K 45-6



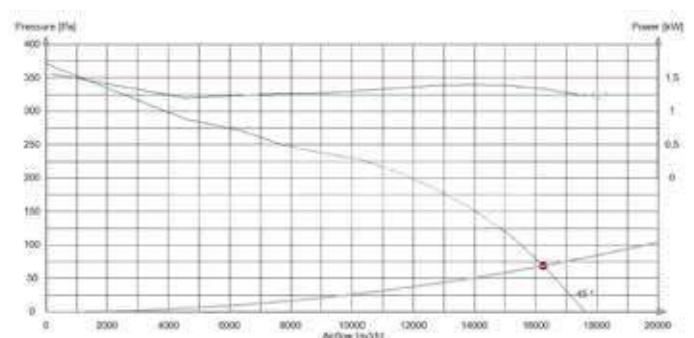
MA-BF 500/4K 45-6



MA-BF 560/4K 45-6



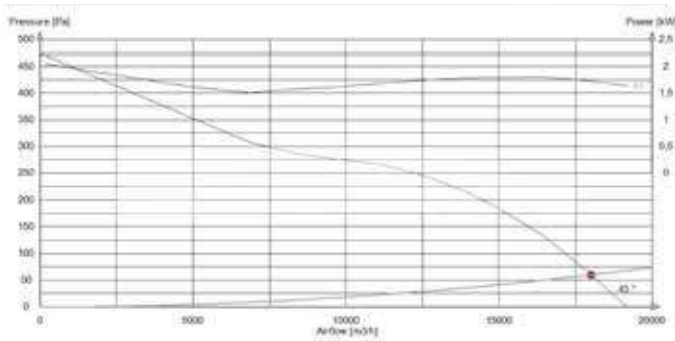
MA-BF 560/4K 50-8



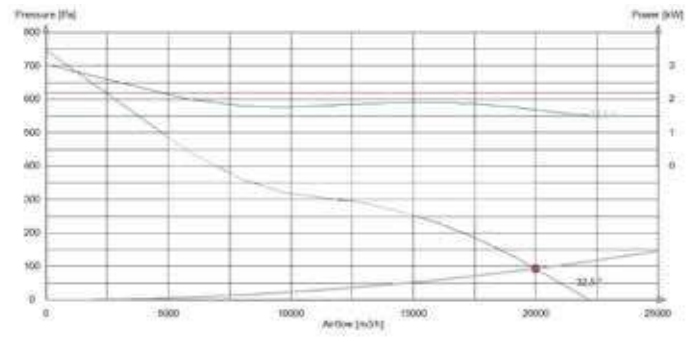
MA-BF 630/4K 45-8



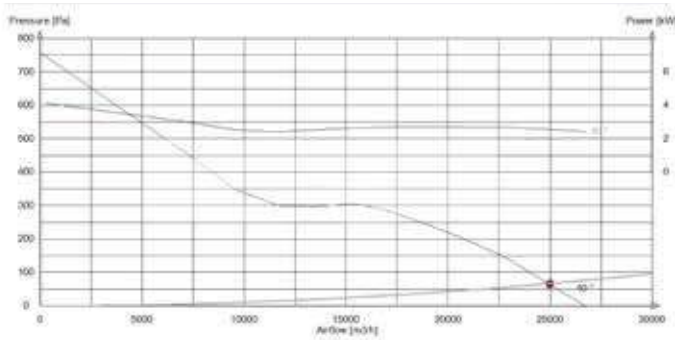
Pressure Curves



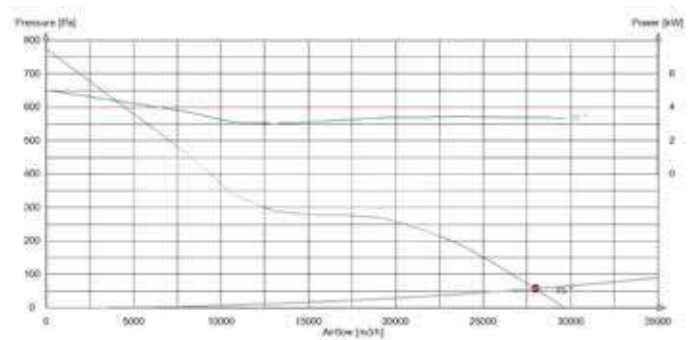
MA-BF 630/4K 45-10



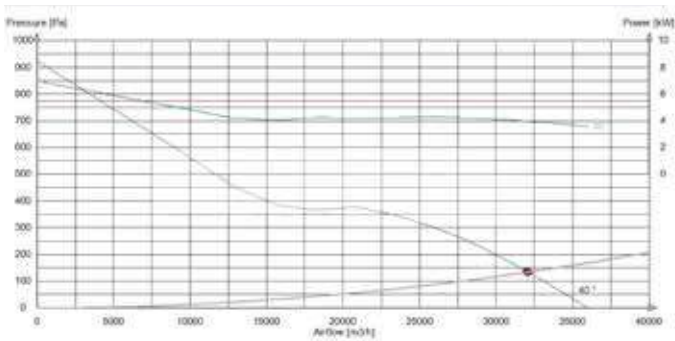
MA-BF 710/4K 32,5-6



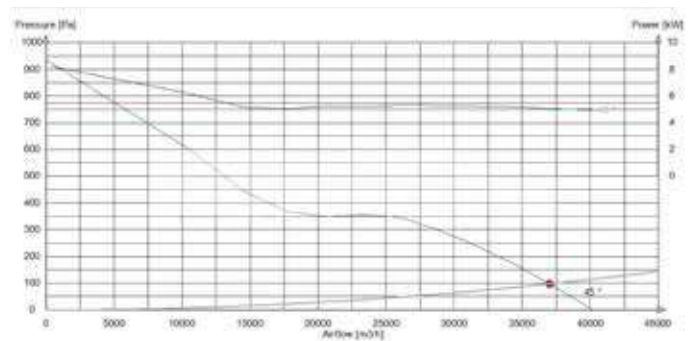
MA-BF 710/4K 40-6



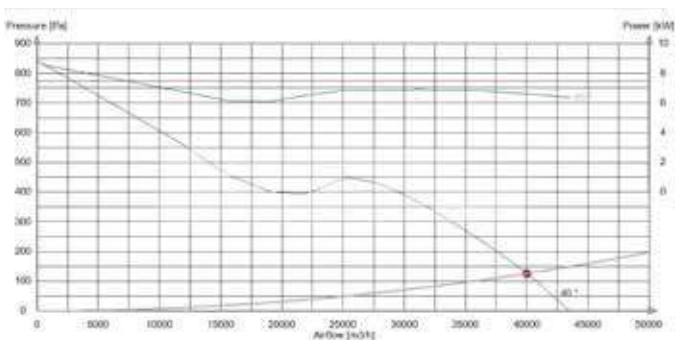
MA-BF 710/4K 45-6



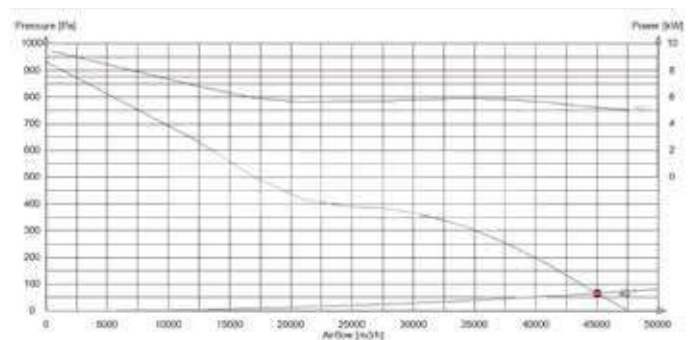
MA-BF 800/4K 40-6



MA-BF 800/4K 45-6

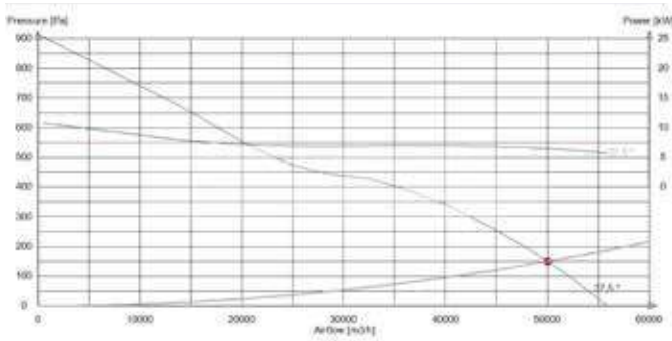


MA-BF 800/4K 45-9



MA-BF 900/4K 40-6

Pressure Curves



MA-BF 1000/4K 37,5-6



Options On Request



Anti Corrosion Fans



Ex-Proof

Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	ST37	PPG / ALU	80 °C	ISO 9001

MA-WF

AXIAL WALL FANS

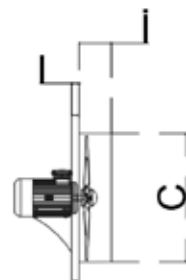
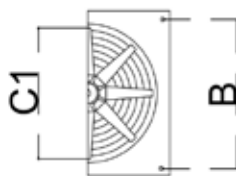
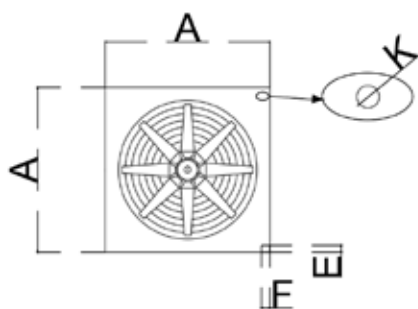
MA-WF Serie Axial Wall Fans are suitable for the ventilation of industrial stock farms, greenhouses, garages, gymnasiums, car parks. The axial impeller with profile blades in black plastic material and hub in die-cast aluminium alloy.

Technical Information

	Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Volt- age	Sound dB	Max. Degree
3H PPG WING	MA-WF 310/4K 40-6	2350	75	8,2	0,18	1450	0,58	50	380	93	-30+90
	MA-WF 350/4K 45-6	3500	75	10,4	0,25	1450	0,81	50	380	94	-30+90
	MA-WF 400/4K 45-6	5000	100	11,4	0,25	1450	0,81	50	380	86	-30+90
	MA-WF 450/4K 45-6	7000	125	12,8	0,37	1450	1,2	50	380	92	-30+90
	MA-WF 500/4K 45-6	9400	150	13,5	0,55	1450	1,2	50	380	93	-30+90
	MA-WF 560/4K 45-6	12500	175	10,8	0,75	1450	2,1	50	380	94	-30+90
	MA-WF 560/4K 50-8	14700	200	12,8	1,5	1450	3,6	50	380	81	-30+90
	MA-WF 630/4K 45-8	16200	230	12,9	1,5	1450	2,7	50	380	98	-30+90
	MA-WF 630/4K 45-10	18800	250	16,9	2,2	1450	5,3	50	380	98	-30+90
4Z PPG WING	MA-WF 710/4K 32,5-6	20000	250	15,1	2,2	1450	5,3	50	380	89	-30+90
	MA-WF 710/4K 40-6	25000	250	18,4	3	1450	6,6	50	380	90	-30+90
	MA-WF 710/4K 45-6	28500	250	20,3	4	1450	8,7	50	380	93	-30+90
5Z PPG WING	MA-WF 800/4K 40-6	32000	300	19,5	5,5	1450	8,7	50	380	95	-30+90
	MA-WF 800/4K 45-6	37000	350	21,6	5,5	1450	11,8	50	380	96	-30+90
	MA-WF 800/4K 45-9	40000	350	23,5	7,5	1450	15,8	50	380	98	-30+90
	MA-WF 900/4K 40-6	45000	350	20,5	7,5	1450	15,8	50	380	97	-30+90
	MA-WF 1000/4K 37,5-6	50000	350	20	7,5	1450	15,8	50	380	95	-30+90

FAN SELECTION CHART

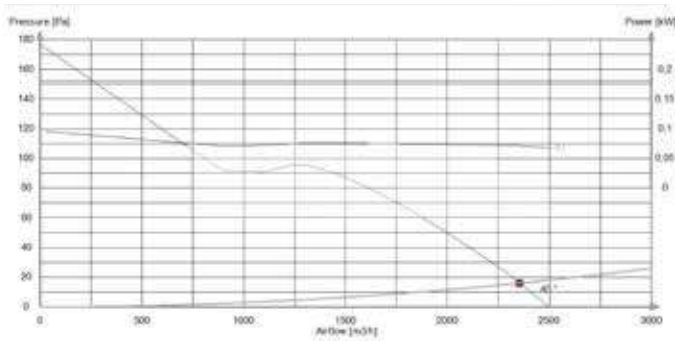
Model Type	25Pa	50Pa	75Pa	100Pa	125Pa	150Pa	175Pa	200Pa	250Pa	300Pa	350Pa	400Pa
MA-WF 310/4K 40-6	2100	1130	1400	-	-	-	-	-	-	-	-	-
MA-WF 350/4K 45-6	3000	2500	2000	-	-	-	-	-	-	-	-	-
MA-WF 400/4K 45-6	4500	4100	3500	3150	-	-	-	-	-	-	-	-
MA-WF 450/4K 45-6	5800	5350	5000	4100	3350	-	-	-	-	-	-	-
MA-WF 500/4K 45-6	8000	7000	6550	6150	5700	5000	-	-	-	-	-	-
MA-WF 560/4K 45-6	11500	11000	10500	10000	9000	8000	6700	-	-	-	-	-
MA-WF 560/4K 50-8	14000	13000	12000	11000	10500	10000	8500	5800	-	-	-	-
MA-WF 630/4K 45-8	14000	13330	12000	11400	10700	9700	8300	5100	-	-	-	-
MA-WF 630/4K 45-10	18200	18000	17000	16500	16000	15500	15000	14500	13000	-	-	-
MA-WF 710/4K 32,5-6	21000	20000	19200	19000	18000	17000	16000	15300	13700	-	-	-
MA-WF 710/4K 40-6	25000	24000	23000	22000	20000	19000	17500	16500	16000	-	-	-
MA-WF 710/4K 45-6	28000	27500	26000	25000	24500	24000	23000	22000	19000	11500	-	-
MA-WF 800/4K 40-6	34000	33000	32500	32000	31000	30000	29000	27000	25500	22000	15000	-
MA-WF 800/4K 45-6	38000	37000	36000	35000	34000	33500	32500	31000	28000	190000	15000	-
MA-WF 800/4K 45-9	41000	40500	40000	39000	38000	37000	36000	35000	34000	31500	29000	16500
MA-WF 900/4K 40-6	46000	45000	44000	43000	42000	41500	40000	39000	36500	35000	31000	22000
MA-WF 1000/4K 37,5-6	55000	54000	53000	52000	51000	50000	39000	47000	45000	42500	40000	35000



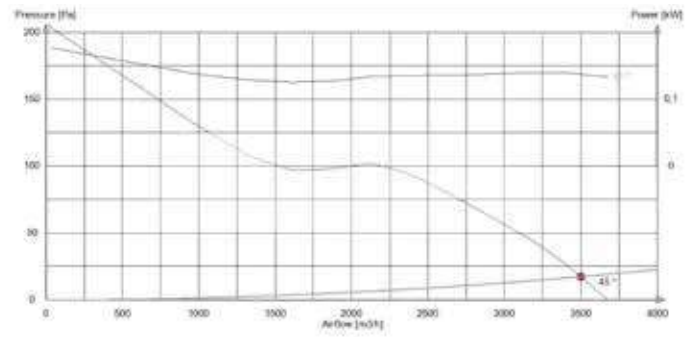
BODY DIMENSIONS

Model Type	A	B	C	C1	E	F	G	H	I	i	K
MA-WF 310	415	340	325	315	37,5	37,5	339	150	20	130	Ø9
MA-WF 350	465	390	365	355	37,5	37,5	408	150	20	130	Ø9
MA-WF 400	500	420	410	400	40	40	408	150	20	130	Ø9
MA-WF 450	560	480	460	450	40	40	408	150	20	130	Ø9
MA-WF 500	630	550	510	500	40	40	565	150	20	130	Ø9
MA-WF 560	700	620	570	560	40	40	565	150	20	130	Ø9
MA-WF 630	760	680	640	630	40	40	615	200	20	180	Ø11
MA-WF 710	810	730	720	710	40	40	688	200	20	180	Ø11
MA-WF 800	950	850	810	800	50	50	708	220	20	190	Ø11
MA-WF 900	1100	960	910	900	70	70	665	250	20	220	Ø11
MA-WF 1000	1200	1060	1010	1000	70	70	738	250	20	220	Ø11

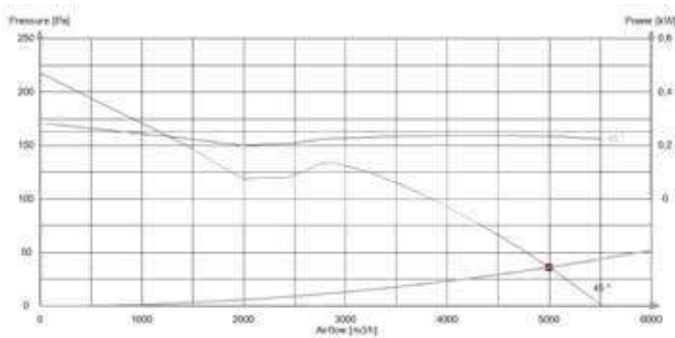
Pressure Curves



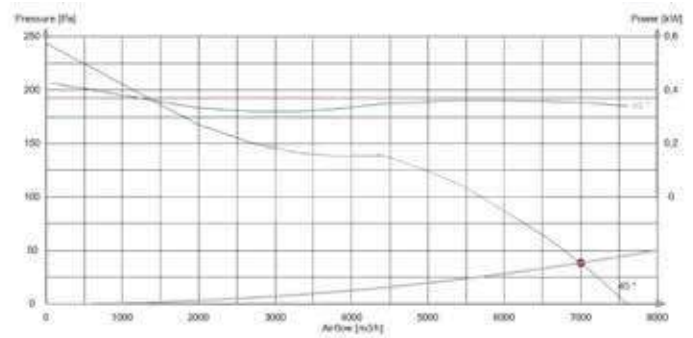
MA-WF 310/4K 40-6



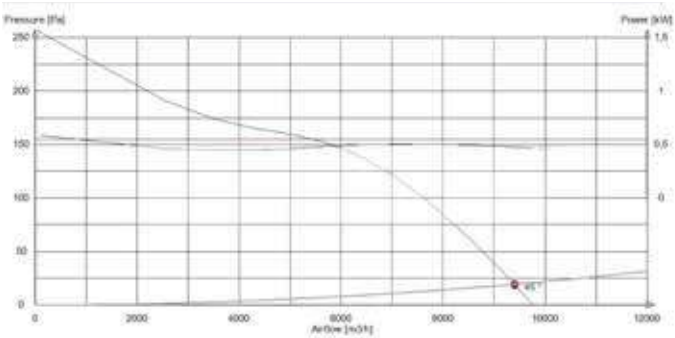
MA-WF 350/4K 45-6



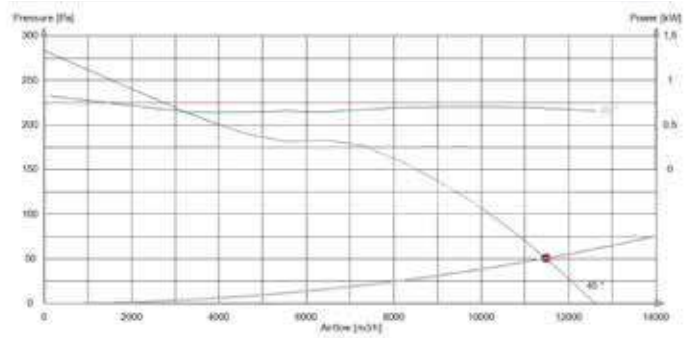
MA-WF 400/4K 45-6



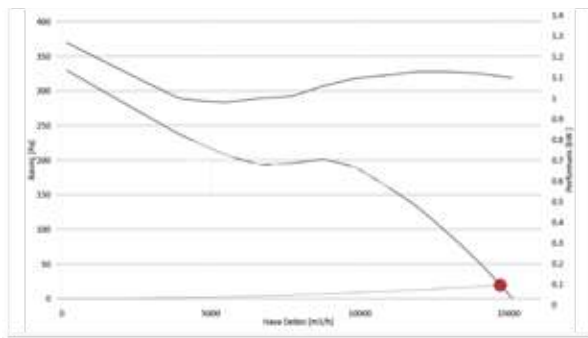
MA-WF 450/4K 45-6



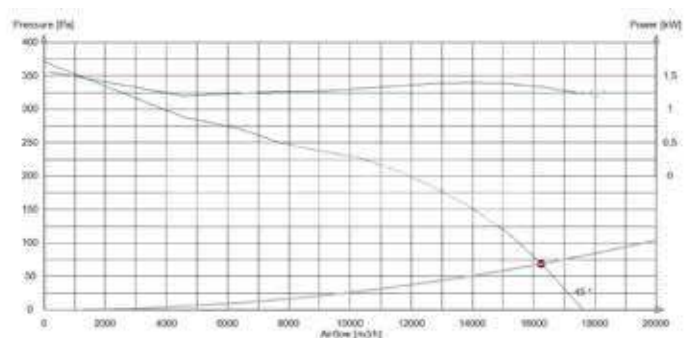
MA-WF 500/4K 45-6



MA-WF 560/4K 45-6



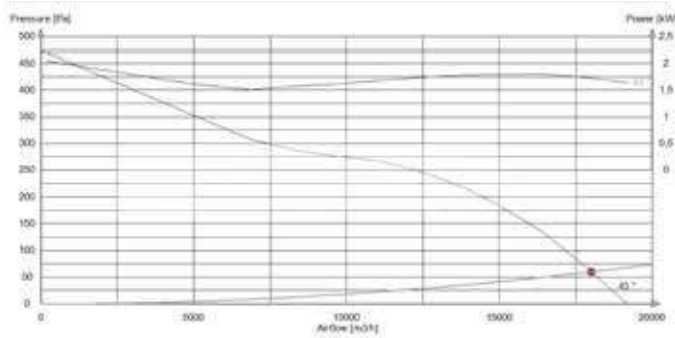
MA-WF 560/4K 50-8



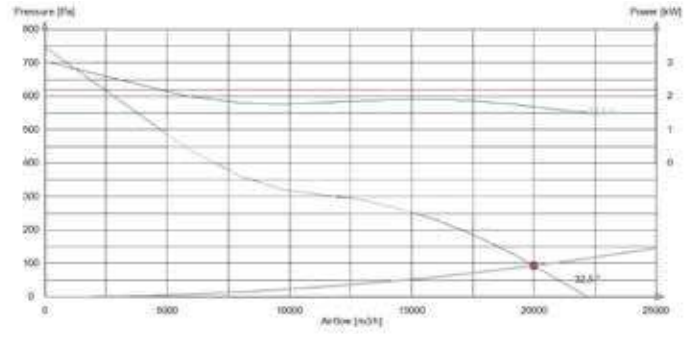
MA-WF 630/4K 45-8



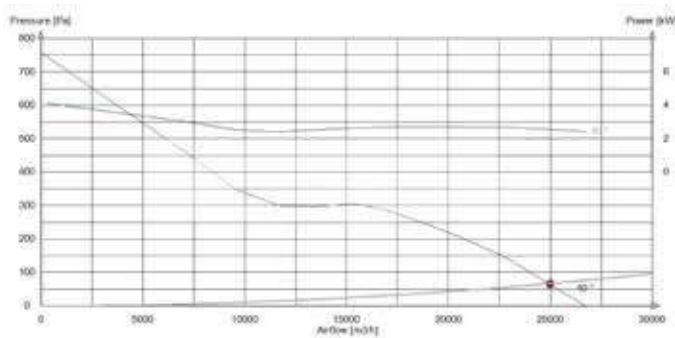
Pressure Curves



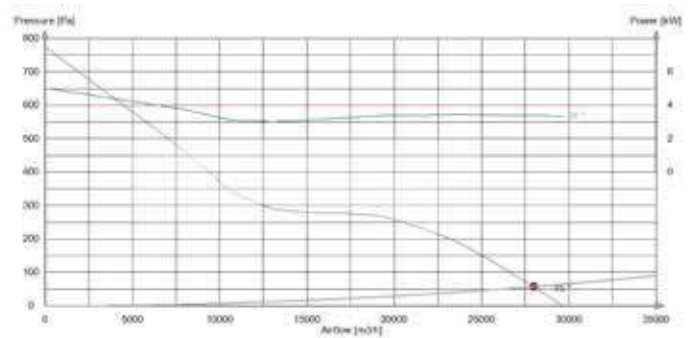
MA-WF 630/4K 45-10



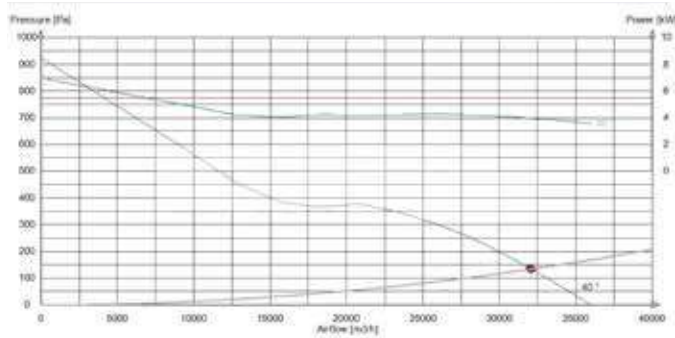
MA-WF 710/4K 32,5-6



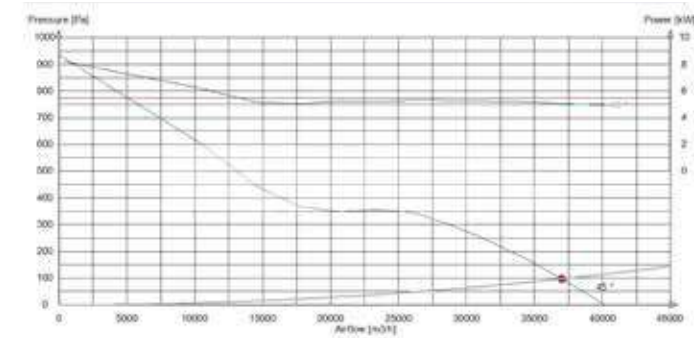
MA-WF 710/4K 40-6



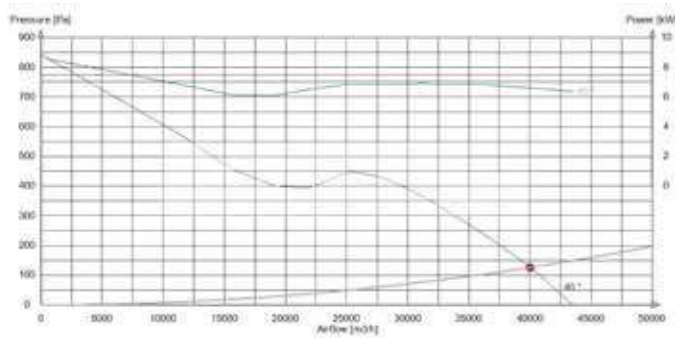
MA-WF 710/4K 45-6



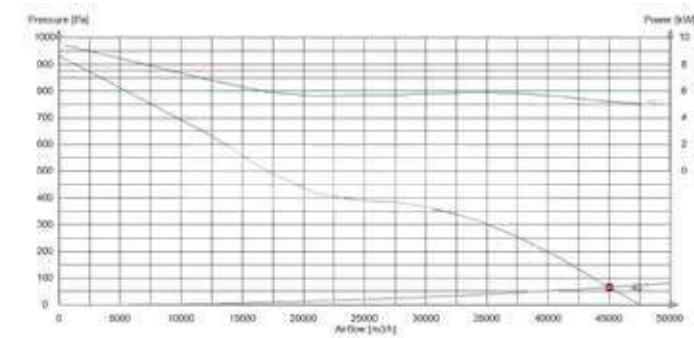
MA-WF 800/4K 40-6



MA-WF 800/4K 45-6

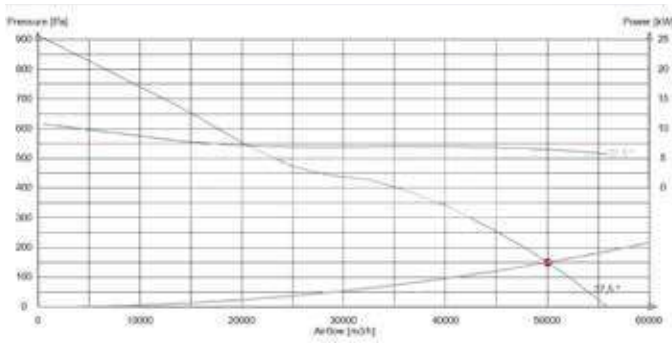


MA-WF 800/4K 45-9



MA-WF 900/4K 40-6

Pressure Curves



MA-WF 1000/4K 37,5-6



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	ST37	PPG / ALU	80 °C	ISO 9001

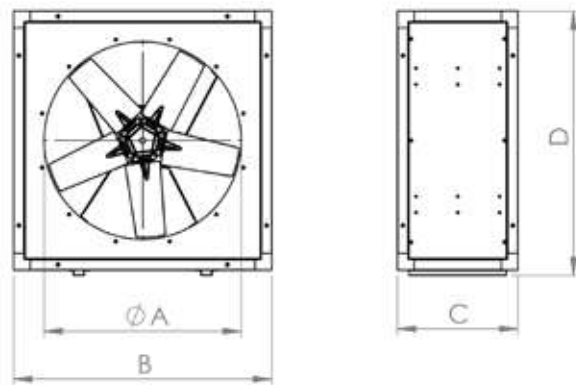
MA-HF

AXIAL BOX FANS

MA-HF serie Axial box fans can be used in difficult montage systems with its multiple connection solutions. Having on-off switch and inbuilt sound attenuator.

Technical Information

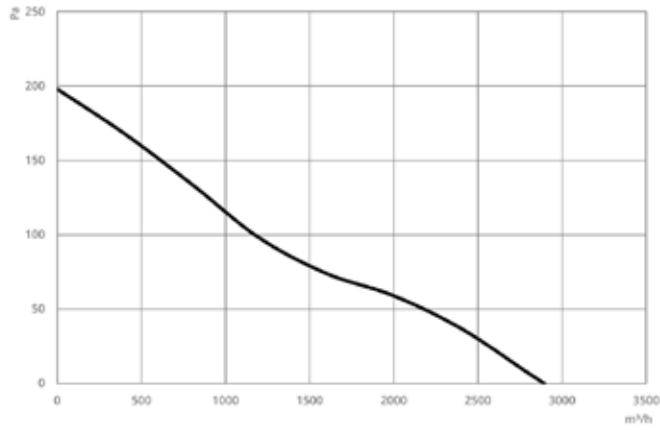
Model Type	Max m ³ /h	kW	rpm d/d	Hz	Voltage	Sound dB
MA-HF 400-5-25	2895	0,37	1450	50	380	60
MA-HF 450-5-25	4180	0,55	1456	50	380	61
MA-HF 500-5-25	5845	0,55	1453	50	380	62
MA-HF 560-5-25	8150	0,75	1466	50	380	63
MA-HF 630-5-30	13480	1,1	1465	50	380	64
MA-HF 710-5-30	19210	1,5	1472	50	380	65
MA-HF 800-5-30	25560	2,2	1459	50	380	67
MA-HF 800-5-35	30940	3	1463	50	380	69
MA-HF 900-5-35	39250	4	1471	50	380	71
MA-HF 900-5-40	44635	5,5	1472	50	380	73
MA-HF 1000-5-40	54570	7,5	1478	50	380	73
MA-HF 900-8-40	46200	11	1454	50	380	76
MA-HF 1000-8-40	62250	15	1456	50	380	77
MA-HF 1000-8-45	69070	18,5	1458	50	380	78
MA-HF 1120-8-40	86620	22	1471	50	380	79
MA-HF 1120-8-45	95270	30	1474	50	380	81



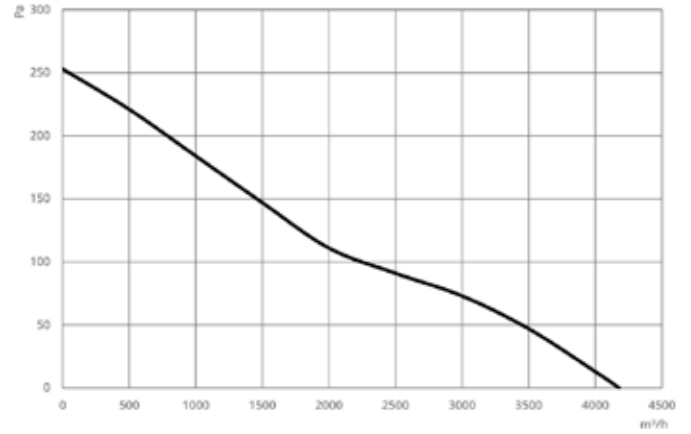
Model Type	A	B	C	D
MA-HF 400	400	620	425	645
MA-HF 450	450	670	425	695
MA-HF 500	500	720	425	745
MA-HF 560	560	780	425	805
MA-HF 630	630	850	425	875
MA-HF 710	710	930	425	955
MA-HF 800	800	1020	425	1045
MA-HF 900	900	1120	525	1145
MA-HF 1000	1000	1220	525	1245
MA-HF 1120	1120	1340	525	1365



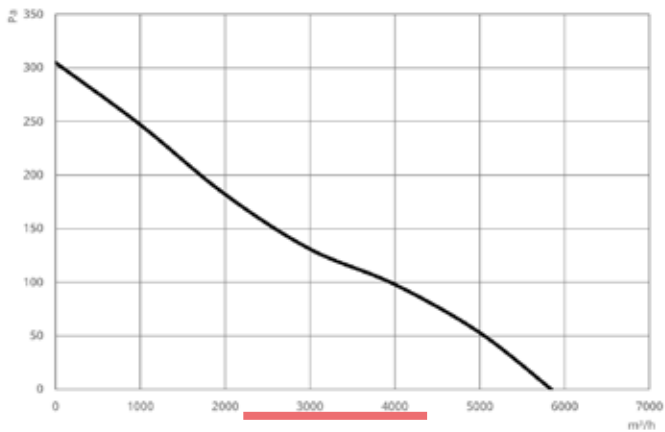
Pressure Curves



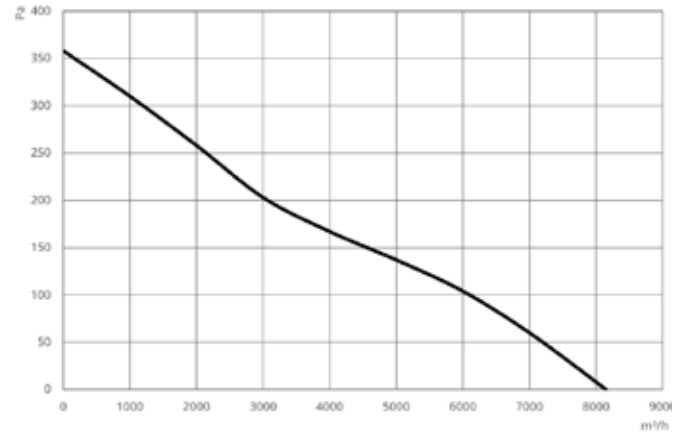
MA-HF 400-5-25



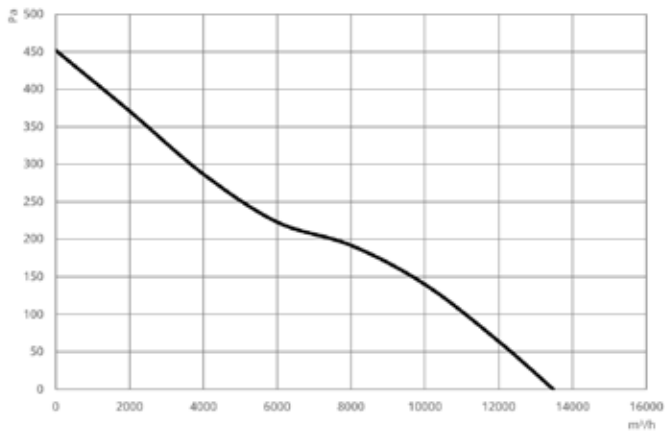
MA-HF 450-5-25



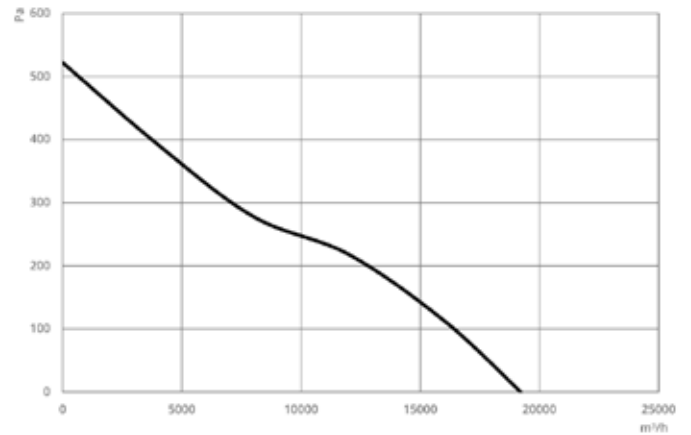
MA-HF 500-5-25



MA-HF 560-5-25

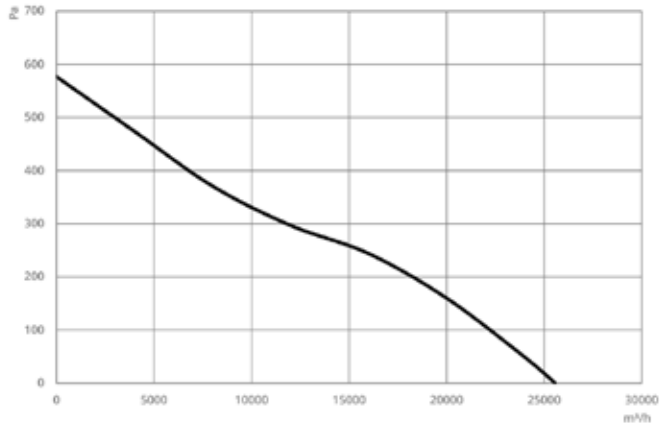


MA-HF 630-5-30

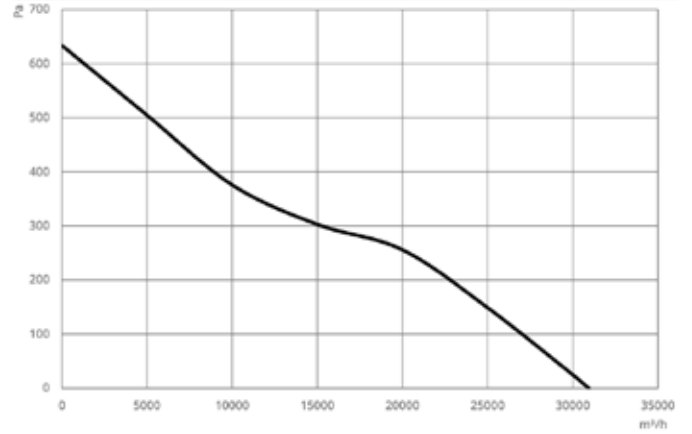


MA-HF 710-5-30

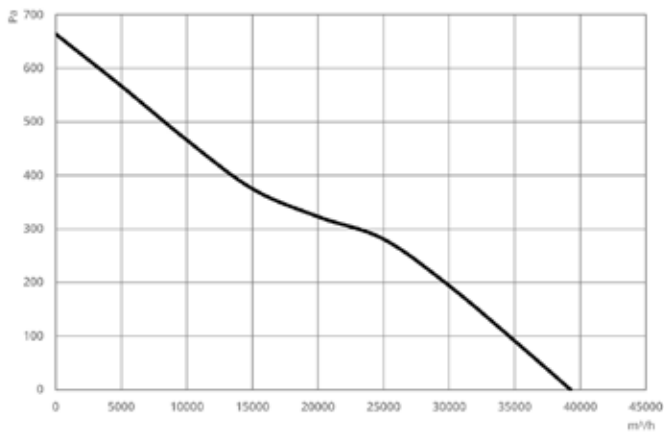
Pressure Curves



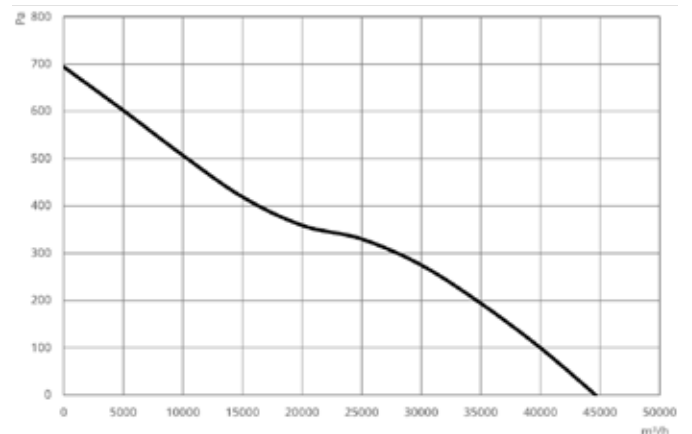
MA-HF 800-5-30



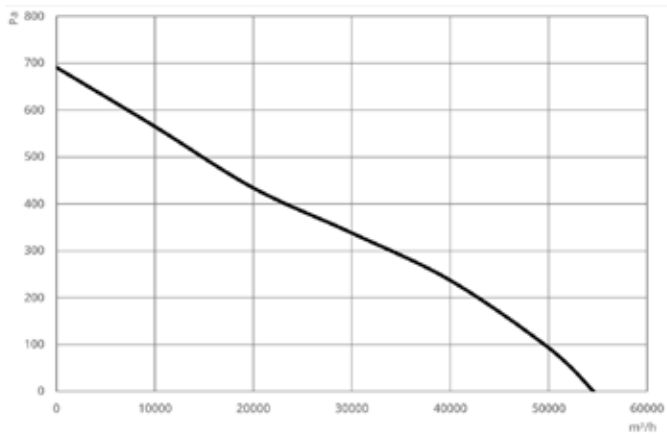
MA-HF 800-5-35



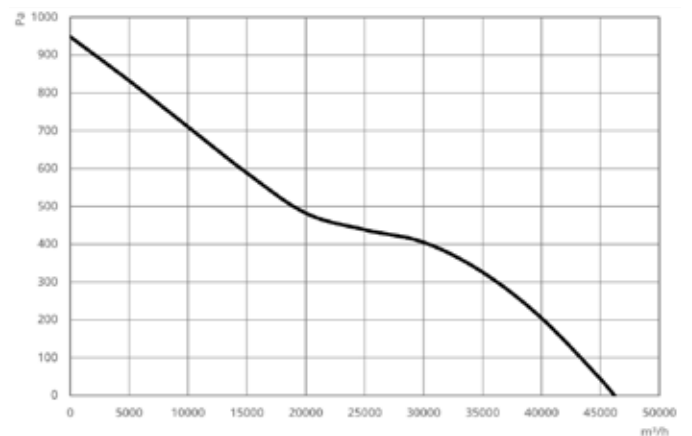
MA-HF 900-5-35



MA-HF 900-5-40



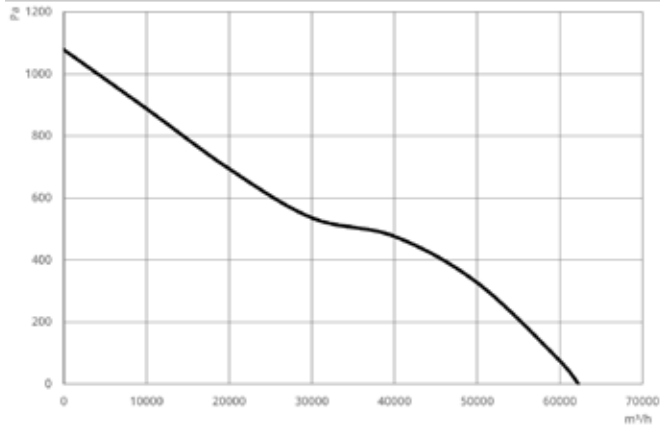
MA-HF 1000-5-40



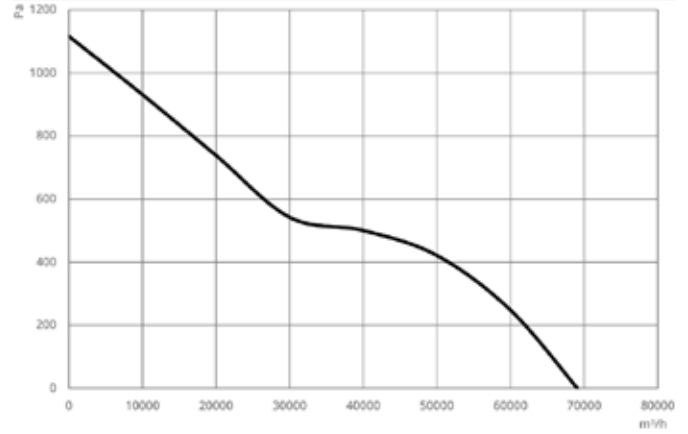
MA-HF 900-8-40



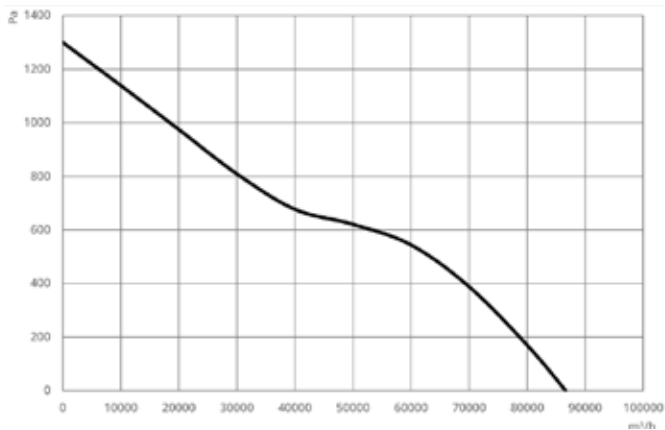
Pressure Curves



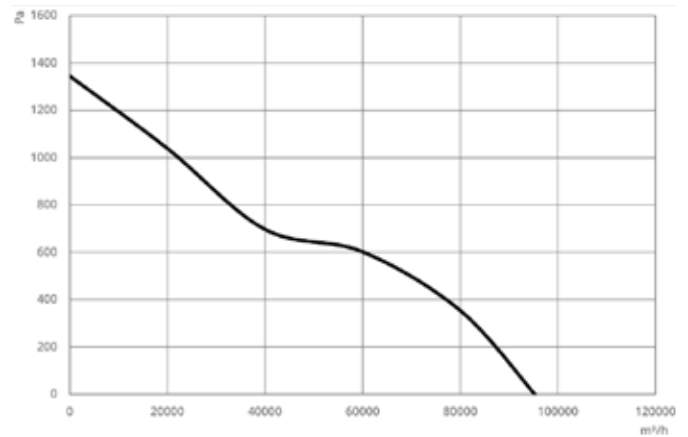
MA-HF 1000-8-40



MA-HF 1000-8-45



MA-HF 1120-8-40



MA-HF 1120-8-45





Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	Galvanized Sheet Metal	Aluminium	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

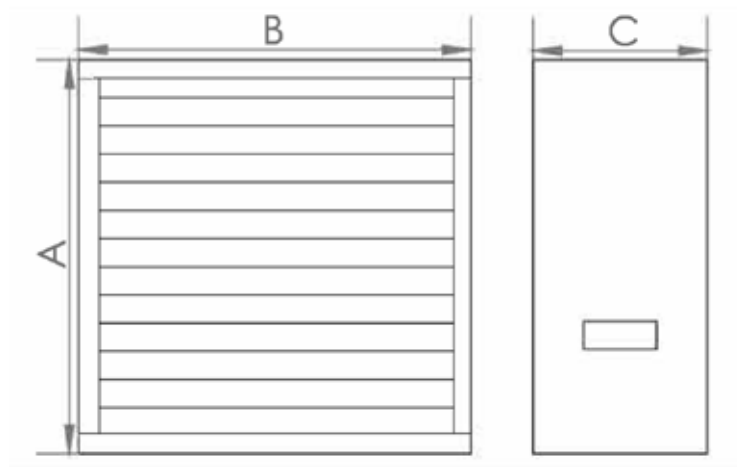
MFA

POULTRY FAN

MA-HF serie Axial box fans can be used in difficult montage systems with its multiple connection solutions. Having on-off switch and inbuilt sound attenuator.

Technical Information

Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MFA 100	22500	370	610	50	380	73
MFA 140	44500	1100	439	50	380	73



Model Type	A	B	C
MFA 100	960	960	400
MFA 140	1390	1390	400



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	Galvanized Sheet Metal	Aluminium	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

MAP

AXIAL PRESSURIZATION FANS

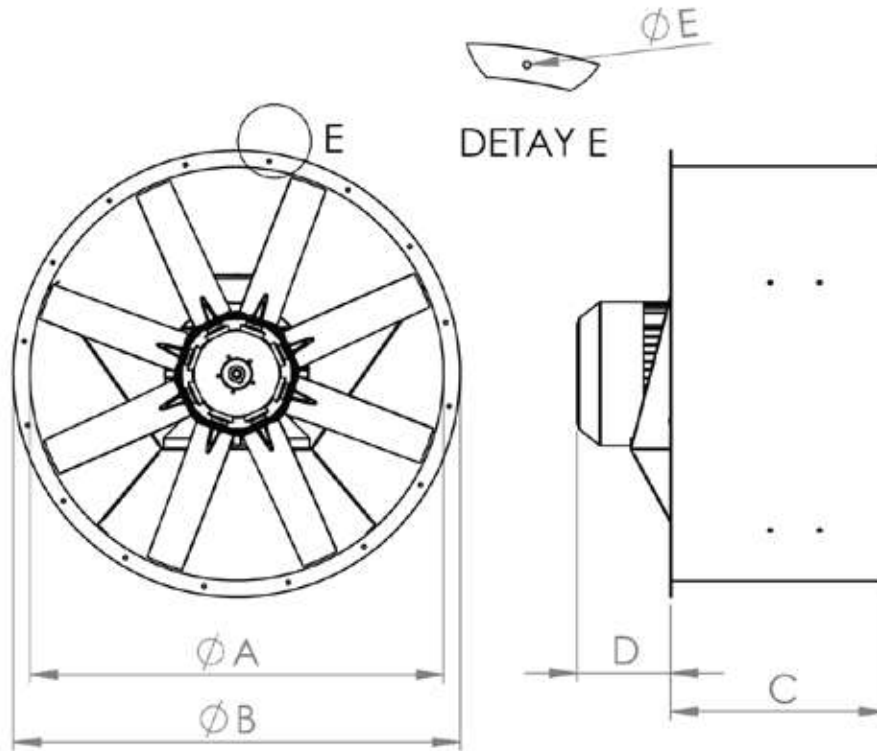
MAP serie Pressure Fans are highly used in staircases, elevator shafts and oanywhere need in high volume-low pressure systems.

Technical Information

Model Type	Max m³/h	kW	rpm d/d	Hz	Voltage	Sound dB
MAP 400-5-25	2895	0,37	1450	50	380	66
MAP 450-5-25	4180	0,55	1456	50	380	69
MAP 500-5-25	5845	0,55	1453	50	380	72
MAP 560-5-25	8150	0,75	1466	50	380	75
MAP 630-5-30	13480	1,1	1465	50	380	80
MAP 710-5-30	19210	1,5	1472	50	380	83
MAP 800-5-30	25560	2,2	1459	50	380	85
MAP 800-5-35	30940	3	1463	50	380	89
MAP 900-5-35	39250	4	1471	50	380	90
MAP 900-5-40	44635	5,5	1472	50	380	93
MAP 1000-5-40	54570	7,5	1478	50	380	94
MAP 900-8-40	46200	11	1454	50	380	94
MAP 1000-8-40	62250	15	1456	50	380	97
MAP 1000-8-45	69070	18,5	1458	50	380	99
MAP 1120-8-40	86620	22	1471	50	380	100
MAP 1120-8-45	95270	30	1474	50	380	102

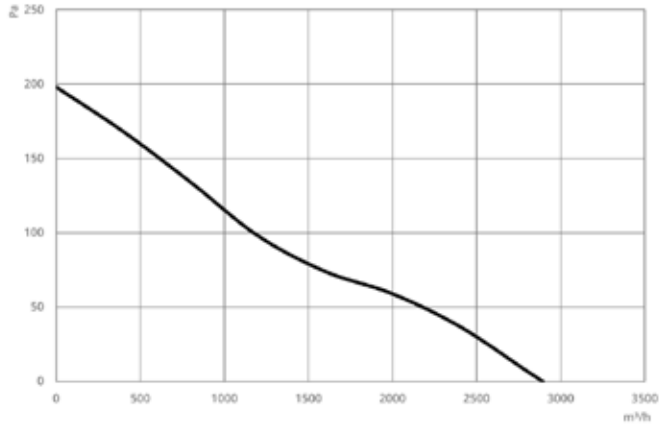


Technical Information

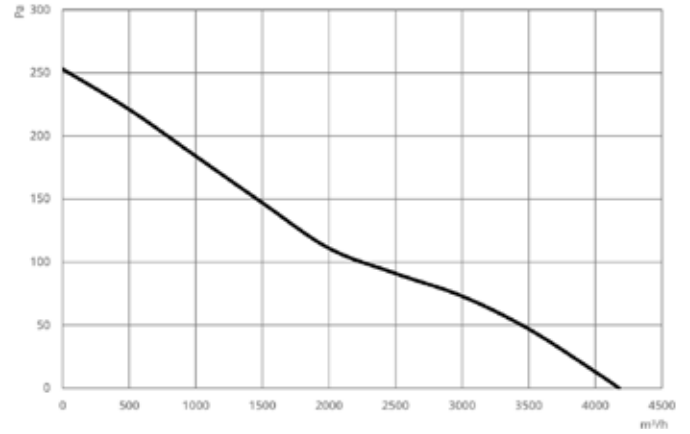


Model Type	A	B	C	D	E	N (Number of Holes)
MAP 400-5-25	400	480	320	30	11	8
MAP 450-5-25	450	530	320	50	11	8
MAP 500-5-25	500	580	320	70	11	8
MAP 560-5-25	560	640	320	60	11	12
MAP 630-5-30	630	710	420	45	11	12
MAP 710-5-30	710	790	420	25	11	12
MAP 800-5-30	800	880	420	50	11	16
MAP 800-5-35	800	880	420	50	11	16
MAP 900-5-35	900	980	520	0	11	16
MAP 900-5-40	900	980	520	35	11	16
MAP 1000-5-40	1000	1080	520	150	11	16
MAP 900-8-40	900	980	520	75	11	16
MAP 1000-8-40	1000	1080	520	180	11	16
MAP 1000-8-45	1000	1080	520	250	11	16
MAP 1120-8-40	1120	1200	520	250	11	16
MAP 1120-8-45	1120	1200	520	300	11	16

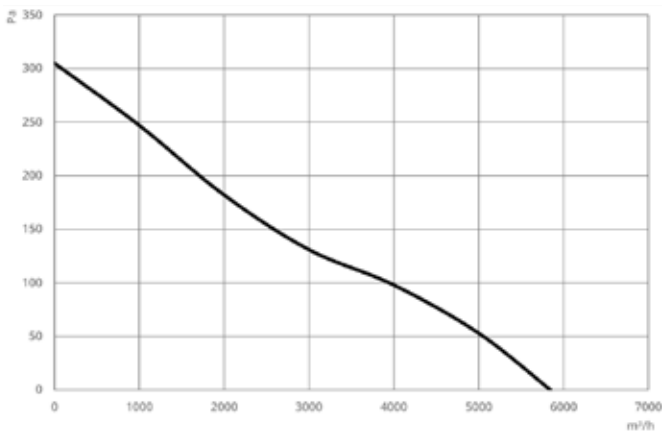
Pressure Curves



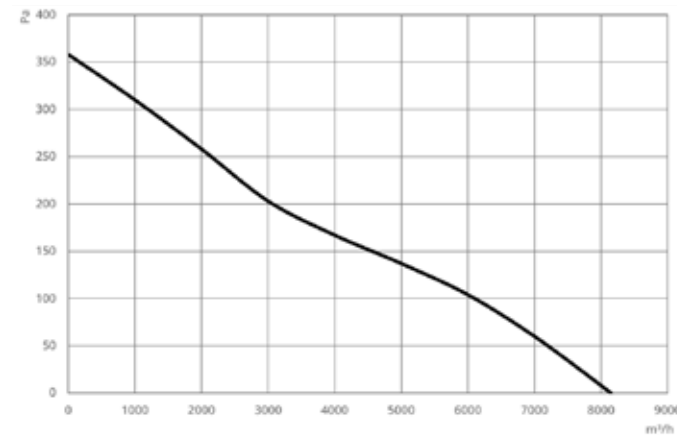
MAP 400-5-25



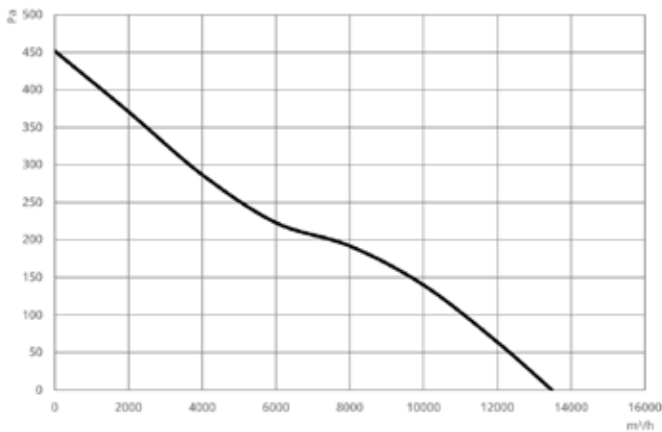
MAP 450-5-25



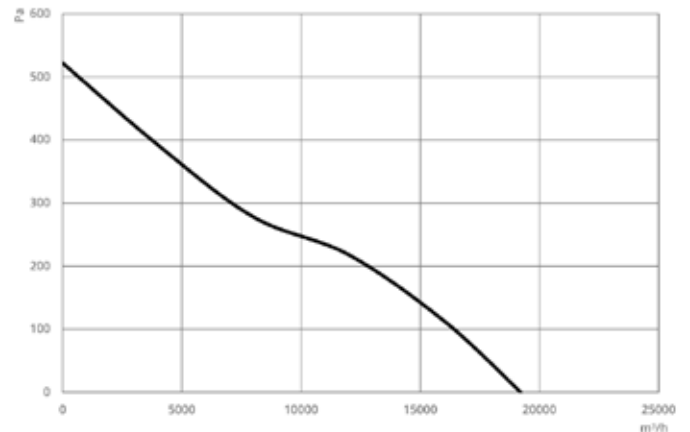
MAP 500-5-25



MAP 560-5-25



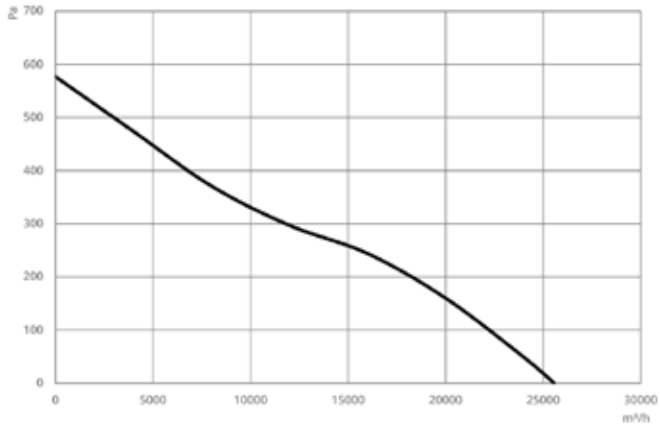
MAP 630-5-30



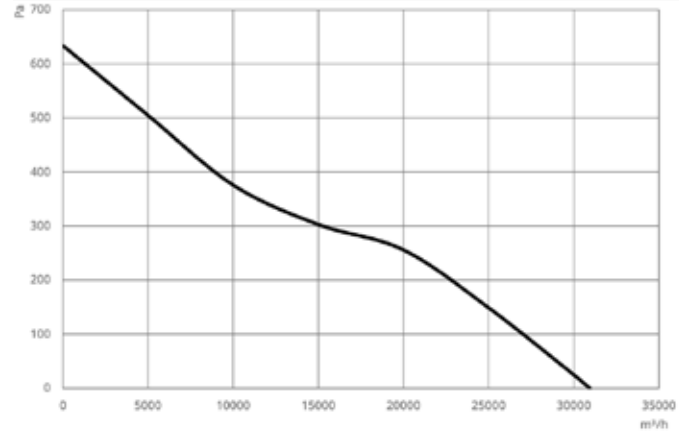
MAP 710-5-30



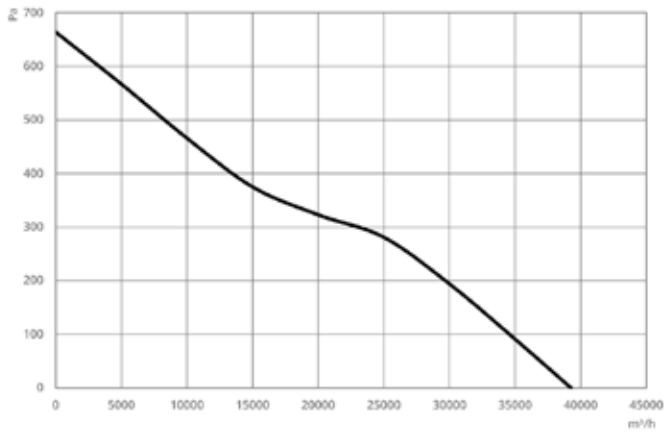
Pressure Curves



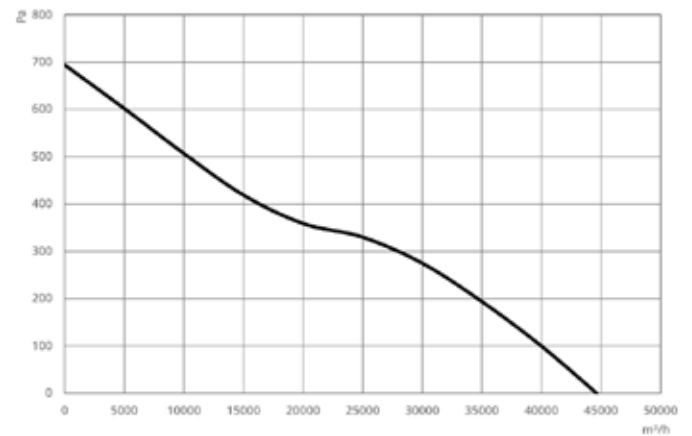
MAP 800-5-30



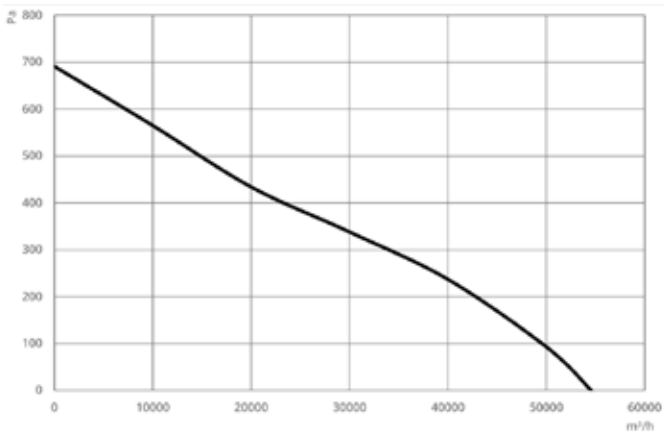
MAP 800-5-35



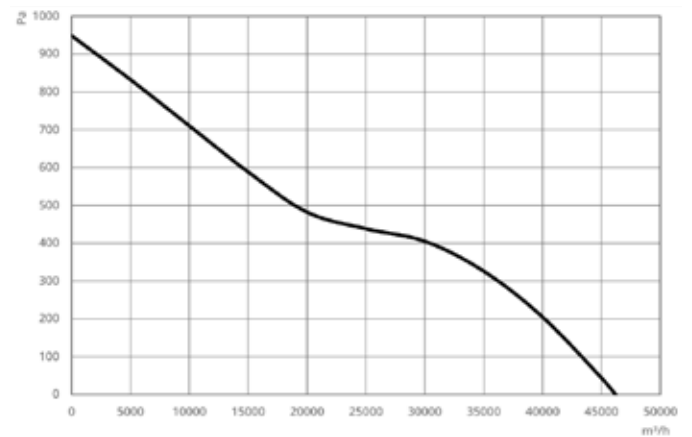
MAP 900-5-35



MAP 900-5-40

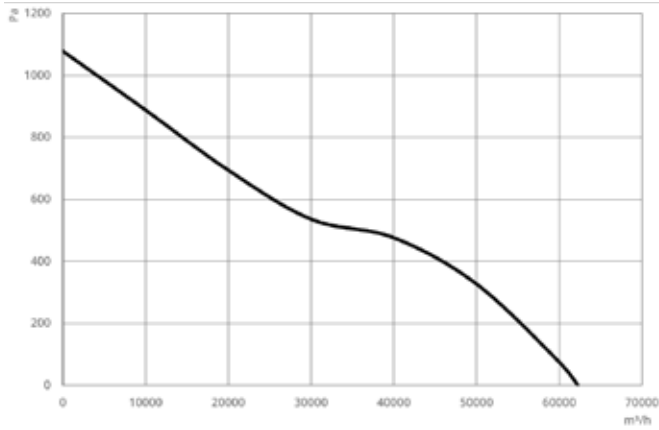


MAP 1000-5-40

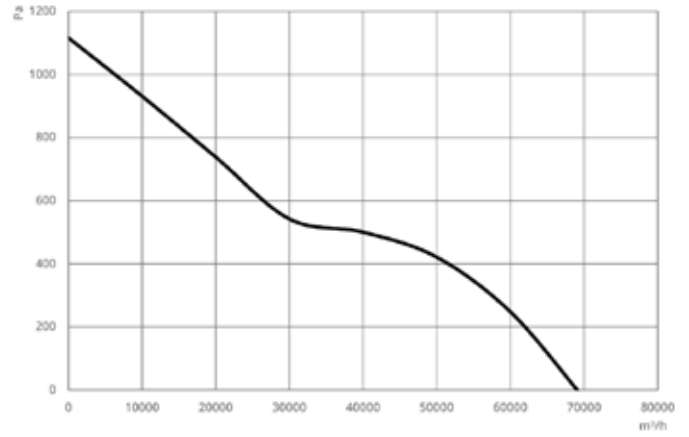


MAP 900-8-40

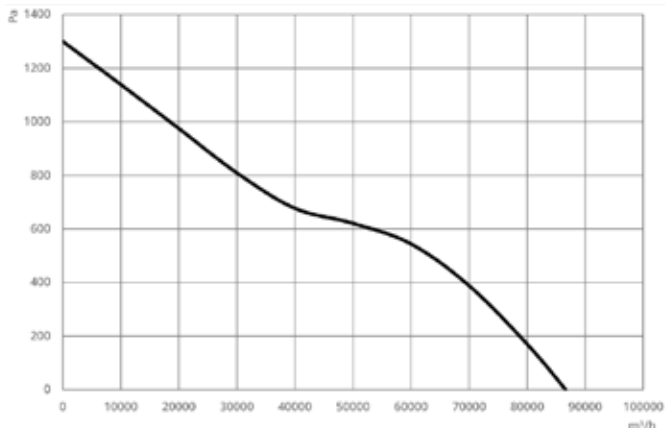
Pressure Curves



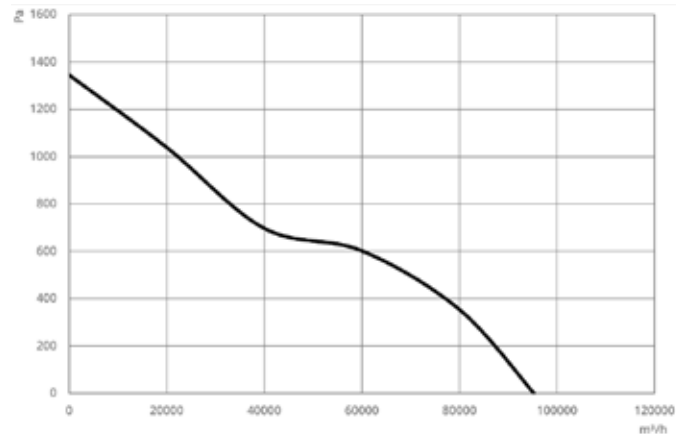
MAP 1000-8-40



MAP 1000-8-45



MAP 1120-8-40



MAP 1120-8-45



MA-WFE MA-WFES

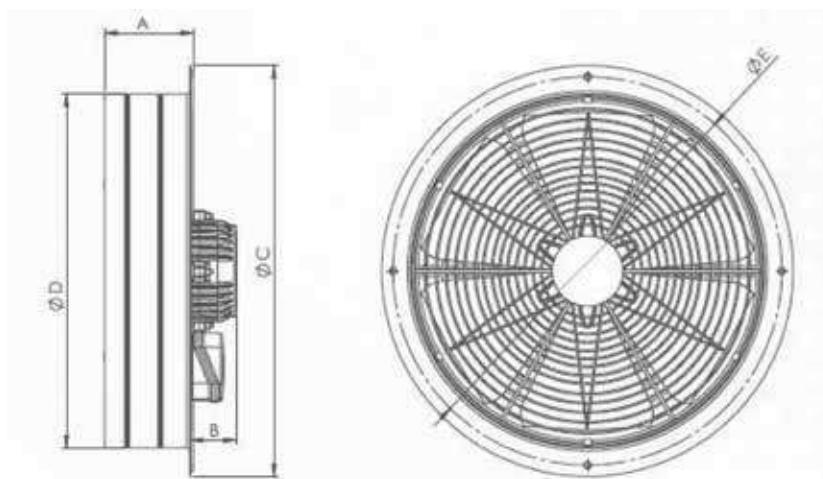
INDUSTRIAL AXIAL FANS

It has direct coupled three-phase or single phase motor options. It has 6 bladed, concave blade system. It is very easy to install on the wall and window.

Insulation class B, protection class IP 44.

Technical Information

Model Type	Max m³/h	kW	rpm d/d	Hz	Voltage	KG
MA-WFE M-300	2000	90	1445	50	230	8
MA-WFE M-350	3250	160	1460	50	230	8,2
MA-WFE M-400	4500	185	1425	50	230	8,8
MA-WFE M-500	5500	230	1440	50	230	11
MA-WFE M-600	8000	235	1400	50	230	15,6
MA-WFE T-300	2000	130	1450	50	380	8
MA-WFE T-350	3250	135	1470	50	380	8,2
MA-WFE T-400	4500	150	1450	50	380	8,8
MA-WFE T-500	5500	160	1450	50	380	11
MA-WFE T-600	8000	170	1400	50	380	15,6

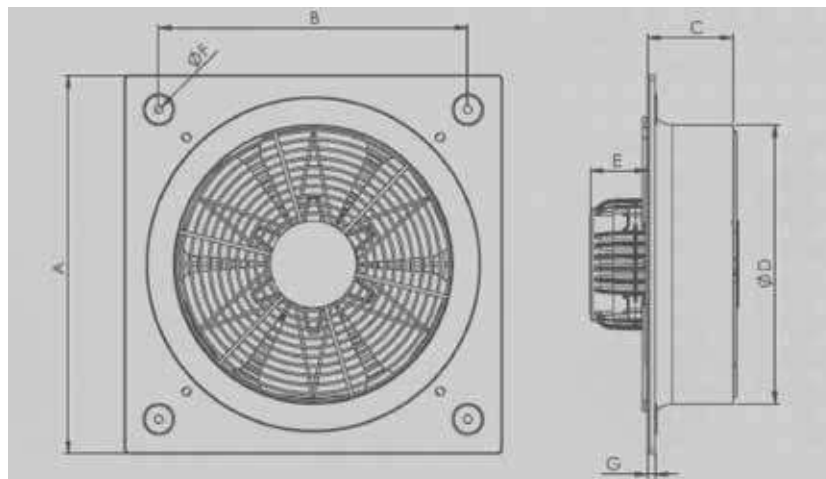


Model Type	A	B	C	D	E
MA-WFE M/T-300	114	61	390	325	360
MA-WFE M/T-350	114	61	435	374	405
MA-WFE M/T-450	114	61	485	427	455
MA-WFE M/T-500	125	61	590	518	560
MA-WFE M/T-600	130	160	674	610	645



Technical Information

Model Type	Max m ³ /h	kW	rpm d/d	Hz	Voltage	KG
MA-WFES M-300	2000	90	1445	50	230	7
MA-WFES M-350	3250	160	1460	50	230	8,2
MA-WFES M-400	4500	185	1425	50	230	9
MA-WFES M-500	5500	230	1440	50	230	11
MA-WFES M-600	8000	235	1400	50	230	15,6
MA-WFES T-300	2000	130	1450	50	380	7
MA-WFES T-350	3250	135	1470	50	380	8,2
MA-WFES T-400	4500	150	1450	50	380	9
MA-WFES T-500	5500	160	1450	50	380	11
MA-WFES T-600	8000	170	1400	50	380	15,6



Model Type	A	B	C	D	E	F	G
MA-WFES M/T-300	412	336	80	307	80	8	10
MA-WFES M/T-350	465	390	90	365	80	8	10
MA-WFES M/T-450	500	420	100	403	80	8	10
MA-WFES M/T-500	630	561	110	513	90	8	10
MA-WFES M/T-600	700	631	145	612	135	8	10





Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	Galvanized Sheet Metal	Aluminium	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

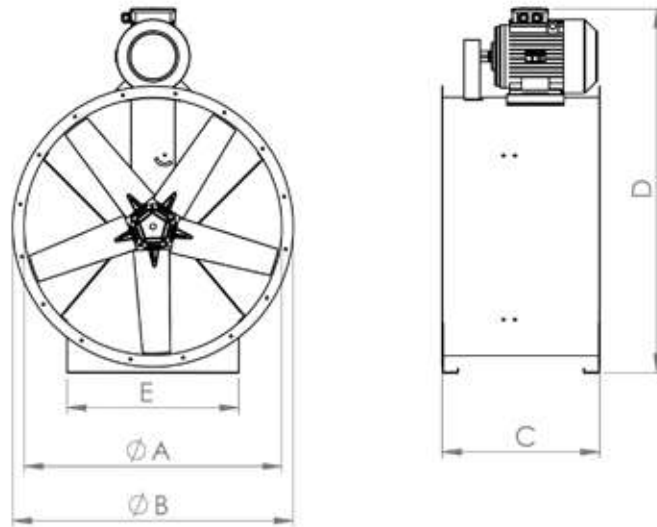
MAP-BD

BELT DRIVEN AXIAL FAN

MAP-BD serie Belt driven axial fans can be used in ventilation systems where the motor need to be out of the airflow.

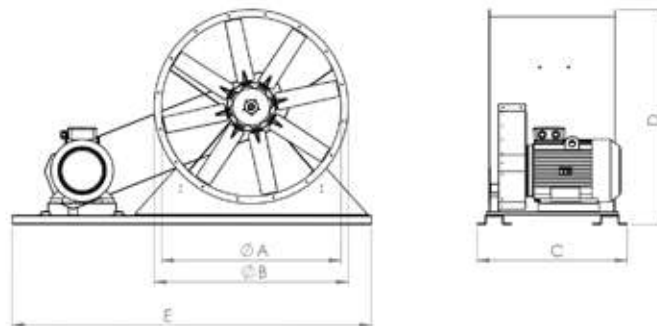
Technical Information

Model Type	Max m³/h	kW	rpm d/d	Hz	Voltage	Sound dB
MAP-BD 400-5-25	2895	0,37	1450	50	380	66
MAP-BD 450-5-25	4180	0,55	1456	50	380	69
MAP-BD 500-5-25	5845	0,55	1453	50	380	72
MAP-BD 560-5-25	8150	0,75	1466	50	380	75
MAP-BD 630-5-30	13480	1,1	1465	50	380	80
MAP-BD 710-5-30	19210	1,5	1472	50	380	83
MAP-BD 800-5-30	25560	2,2	1459	50	380	85
MAP-BD 800-5-35	30940	3	1463	50	380	89
MAP-BD 900-5-35	39250	4	1471	50	380	90
MAP-BD 900-5-40	44635	5,5	1472	50	380	93
MAP-BD 1000-5-40	54570	7,5	1478	50	380	94
MAP-BD 900-8-40	46200	11	1454	50	380	94
MAP-BD 1000-8-40	62250	15	1456	50	380	97
MAP-BD 1000-8-45	69070	18,5	1458	50	380	99
MAP-BD 1120-8-40	86620	22	1471	50	380	100
MAP-BD 1120-8-45	95270	30	1474	50	380	102

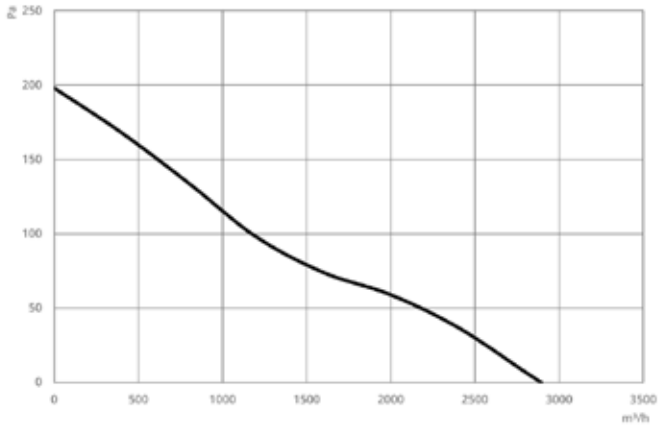


Model Type	A	B	C	D	E
MAP-BD 400	400	480	380	660	300
MAP-BD 450	450	530	400	720	330
MAP-BD 500	500	580	400	770	360
MAP-BD 560	560	640	430	840	400
MAP-BD 630	630	710	500	925	440
MAP-BD 710	710	790	500	1005	480
MAP-BD 800	800	880	500	1110	520
MAP-BD 900	900	980	740	1360	560
MAP-BD 1000	1000	1080	740	1470	600

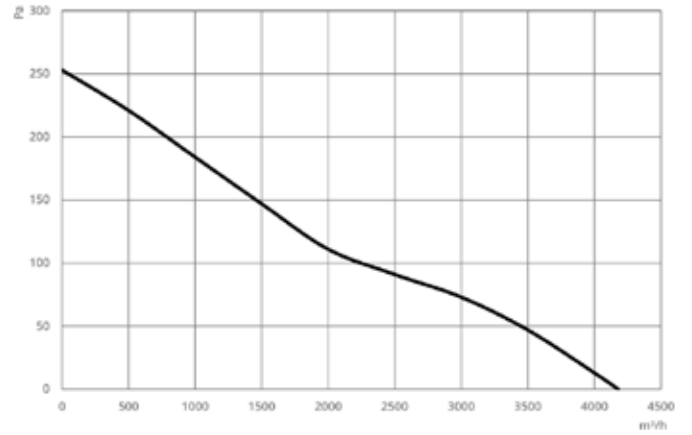
Model Type	A	B	C	D	E
DAXI 1000	1000	1080	836	1195	2000
DAXI 1120	1120	1200	956	1315	2000



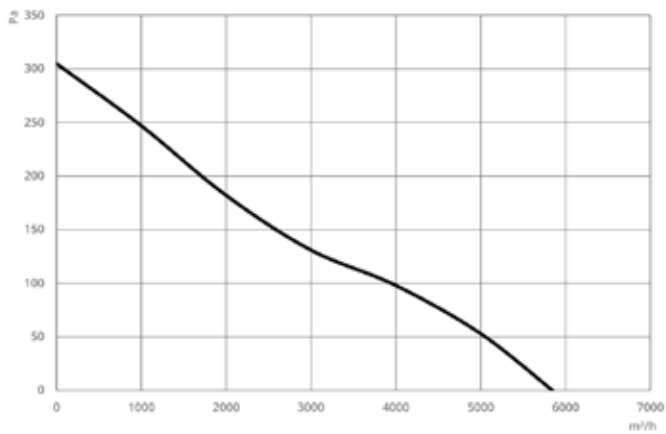
Pressure Curves



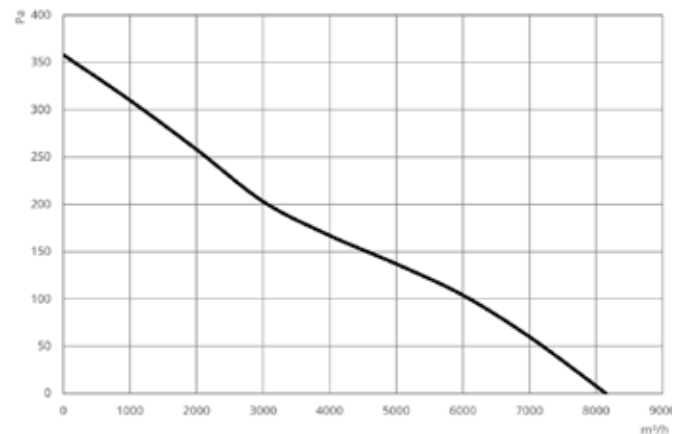
MAP-BD 400-5-25



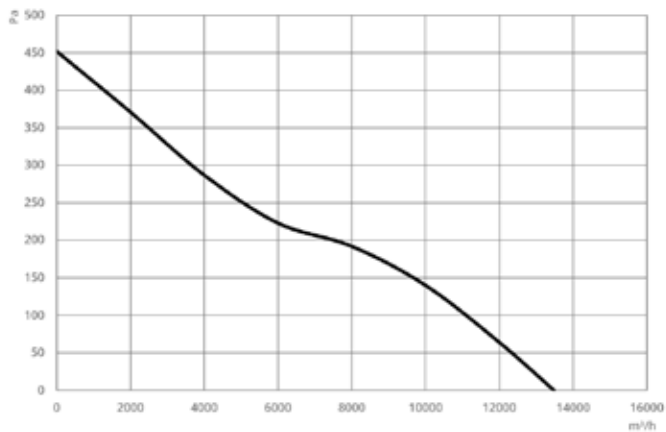
MAP-BD 450-5-25



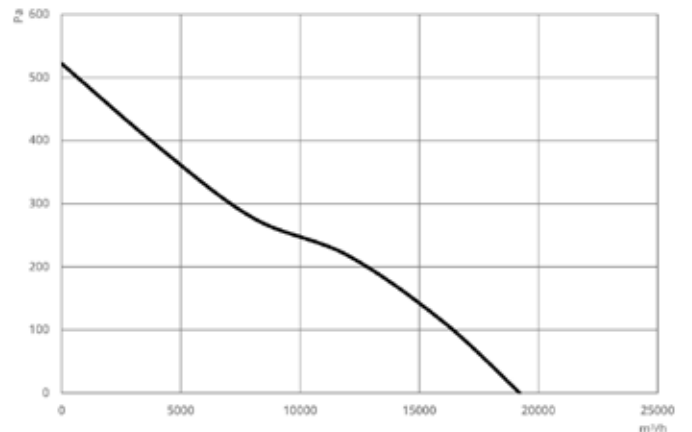
MAP-BD 500-5-25



MAP-BD 560-5-25



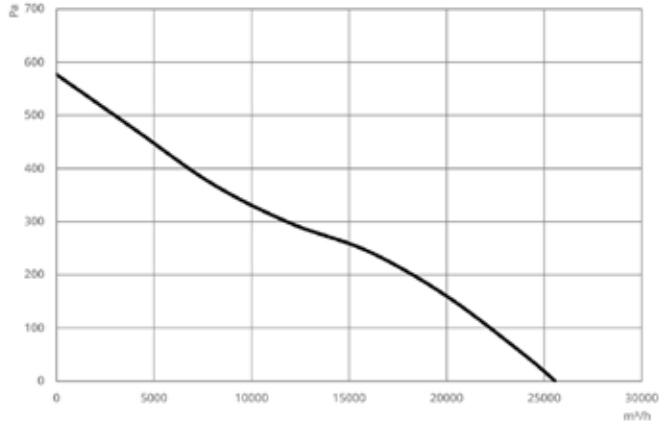
MAP-BD 630-5-30



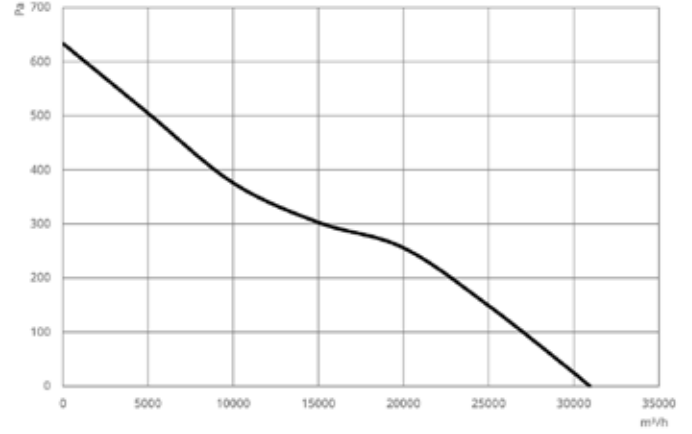
MAP-BD 710-5-30



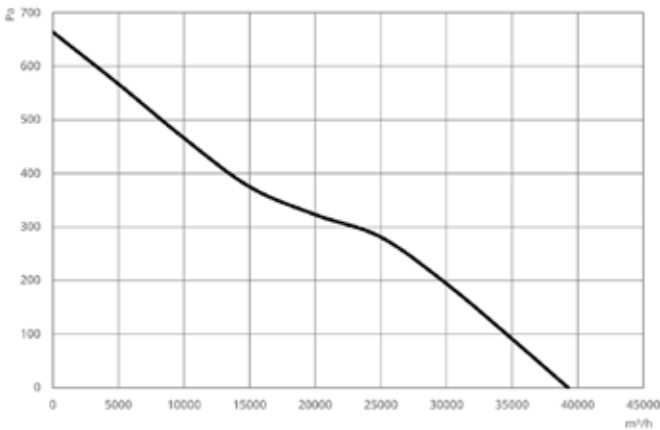
Pressure Curves



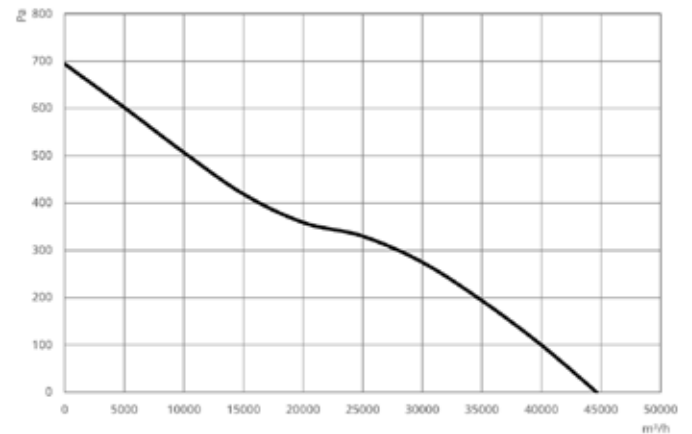
MAP-BD 800-5-30



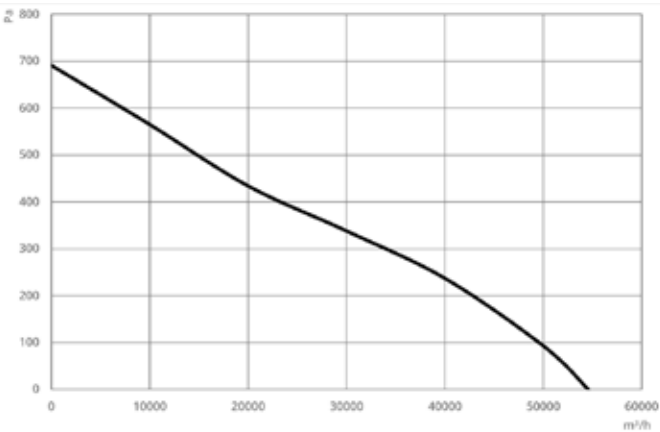
MAP-BD 800-5-35



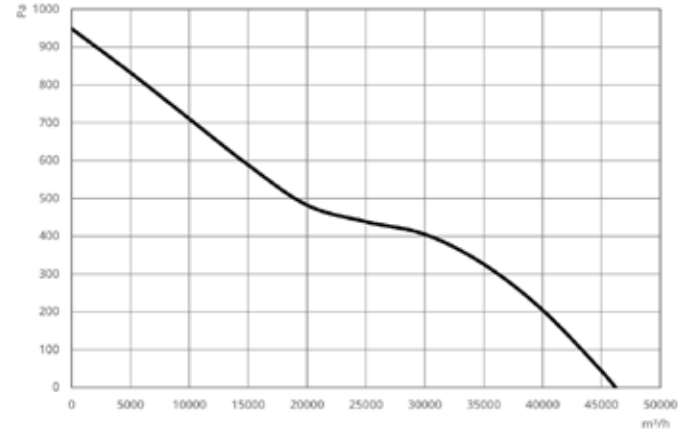
MAP-BD 900-5-35



MAP-BD 900-5-40

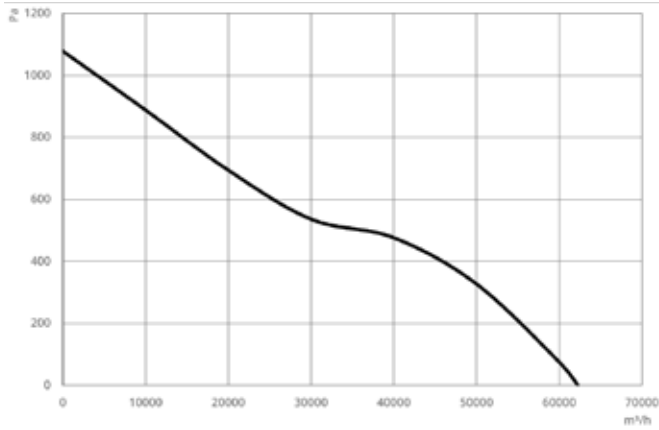


MAP-BD 1000-5-40

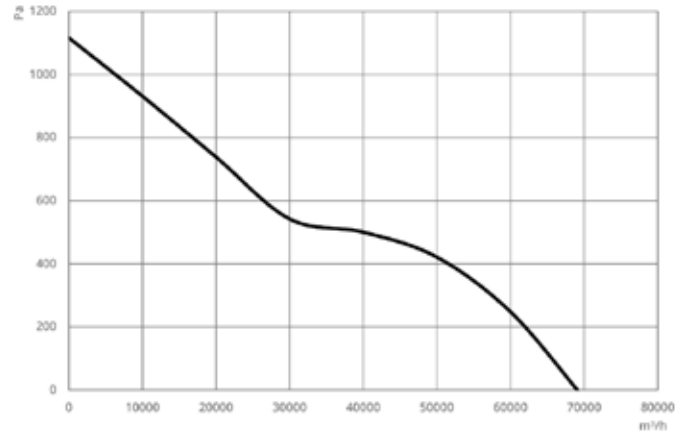


MAP-BD 900-8-40

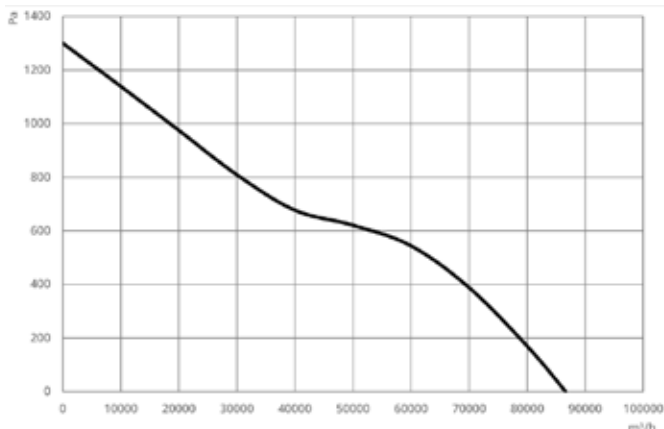
Pressure Curves



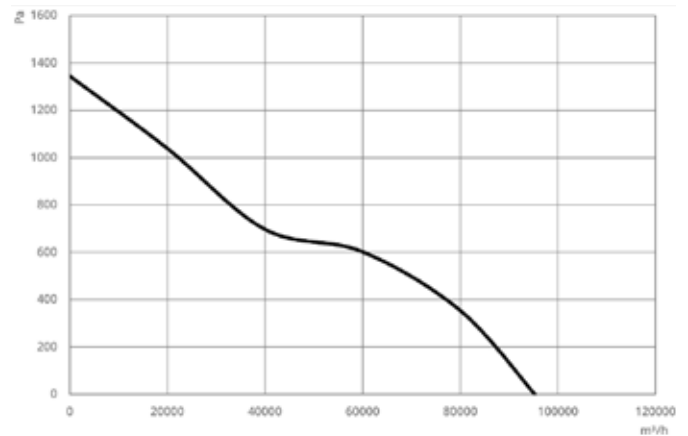
MAP-BD 1000-8-40



MAP-BD 1000-8-45



MAP-BD 1120-8-40



MAP-BD 1120-8-45



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	Galvanized Sheet Metal	Galvanized Sheet Metal	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

MAW

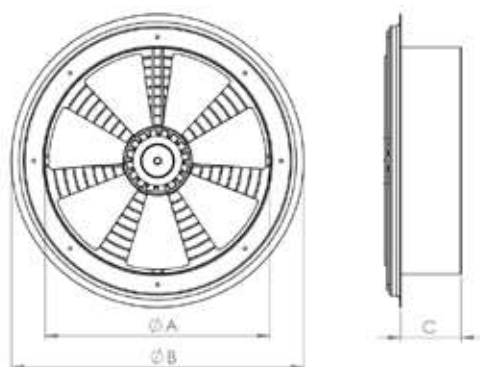
WALL MOUNTED AXIAL FAN

MAW Serie Axial fans can meet low volume requirements. Suitable for walls and windows. Low noise level and efficiency power usage makes it ideal for commercial and residential purposes.

Technical Information

Model Type	Max m³/h	W	rpm d/d	Hz	Voltage	Sound dB
MAW 200	680	70	2650	50	230	50
MAW 250	1500	100	2700	50	230	52
MAW 300	2025	163	2550	50	230	54
MAW 350	3110	240	2250	50	230	58

Values are for 0 Pa.



Model Type	A	B	C
MAW 200	197	290	70
MAW 250	247	340	70
MAW 300	297	390	80
MAW 350	347	440	80



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	Galvanized Sheet Metal	Galvanized Sheet Metal	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

MAW-S

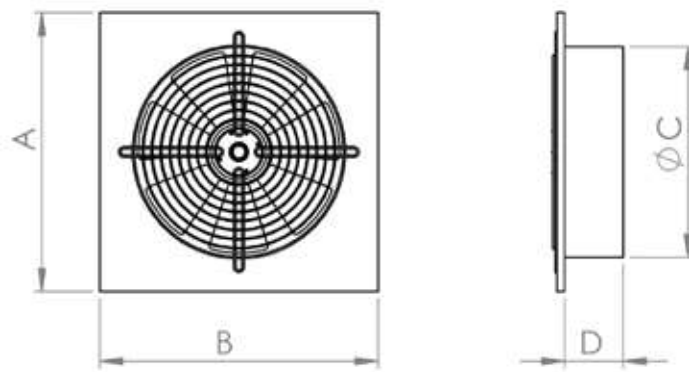
WALL MOUNTED AXIAL FAN WITH SQUARE BODY

MAW-S Serie Axial fans can meet low volume requirements. Suitable for walls and windows. Low noise level and efficiency power usage makes it ideal for commercial and residential purposes. Square body make easy wall installation.

Technical Information

Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MAW-S 200	680	70	2650	50	230	50
MAW-S 250	1500	100	2700	50	230	52
MAW-S 300	2025	163	2550	50	230	54
MAW-S 350	3110	240	2250	50	230	58

Values are for 0 Pa.



Model Type	A	B	C	D
MAW-S 200	250	250	197	85
MAW-S 250	300	300	247	85
MAW-S 300	350	350	297	85
MAW-S 350	400	400	347	85





Roof Fans Models

MR-RF

MR-RFV

MR-RH

MR-RV

MR-RHX

MR-RMX

MR-RVX

MA-RH



Options On Request



Ex-Proof

Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	ST37	PPG / ALU	80 °C	ISO 9001

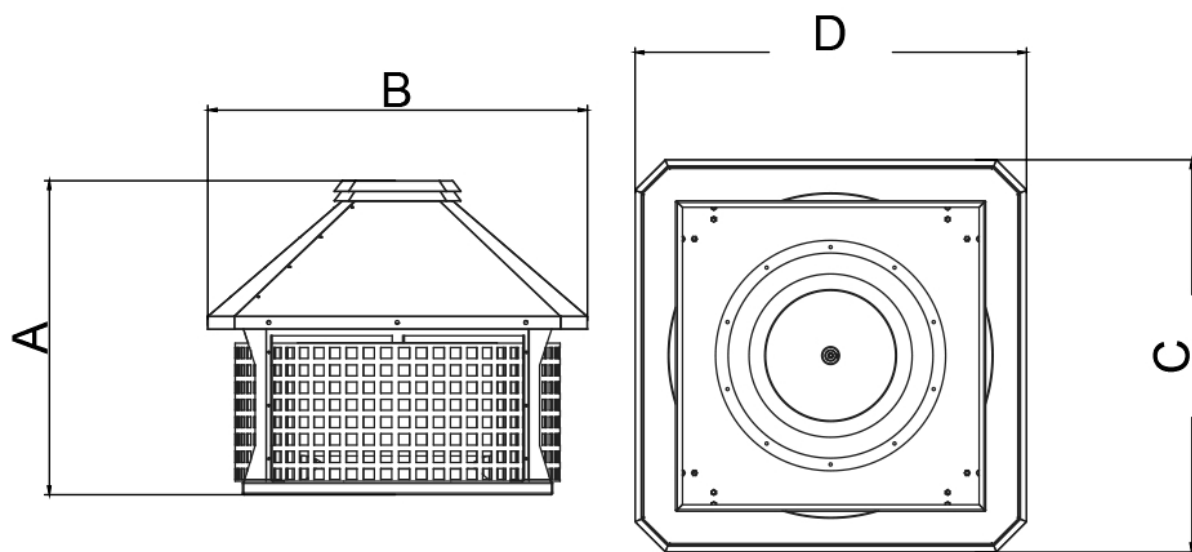
MR-RF

RADIAL HORIZONTAL DISCHARGE ROOF FANS

MR-RF serie Radial Type Roof Fans provide high performance and energy savings with their backward curved blade structure. Square fan basement and rotor structure makes periodic maintenance easy.

Technical Information

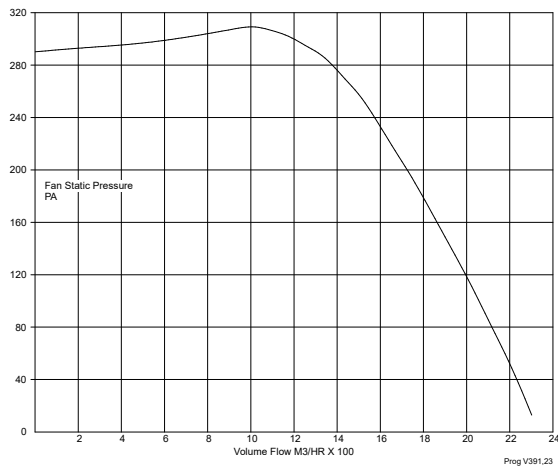
Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree
MR-RF 315/4K	1250	450	9	0,25	1450	0,8	50	380	68	60
MR-RF 355/4K a	2200	450	10	0,37	1450	1	50	380	72	60
MR-RF 355/4K b	2700	450	10	0,55	1450	1,3	50	380	80	60
MR-RF 400/4K	4200	450	11	0,75	1450	2	50	380	83	60
MR-RF 450/4K a	6400	500	13	1,1	1450	2,5	50	380	84	60
MR-RF 450/4K b	6900	800	13,5	1,5	1450	3,5	50	380	87	60
MR-RF 500/4K	9300	800	15	2,2	1450	4,5	50	380	90	60
MR-RF 560/4K a	12500	1600	16	3	1450	6,5	50	380	91	60
MR-RF 560/4K b	14000	1600	17	4	1450	8	50	380	93	60
MR-RF 630/4K	18000	1600	18	5,5	1450	11	50	380	95	60
MR-RF 710/4K a	20000	1600	19	7,5	1450	15	50	380	97	60
MR-RF 710/4K b	22000	1800	19,5	11	1450	21	50	380	99	60



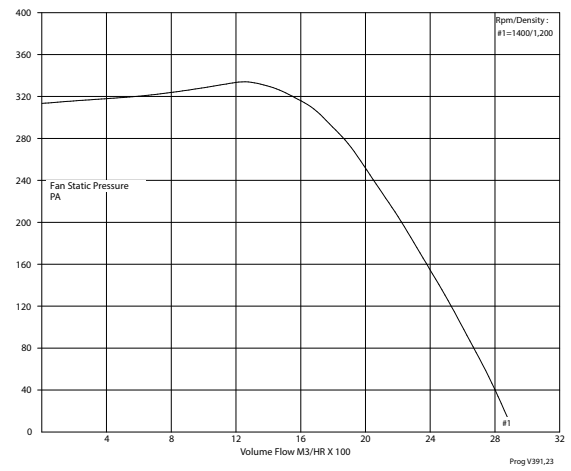
Model Type	A	B	C	D
MR-RF 315	546	593	454	454
MR-RF 355	546	655	500	500
MR-RF 400	574	655	500	500
MR-RF 450	568	730	580	580
MR-RF 500	665	800	640	640
MR-RF 560	723	856	700	700
MR-RF 630	888	986	730	730
MR-RF 710	958	7080	780	780



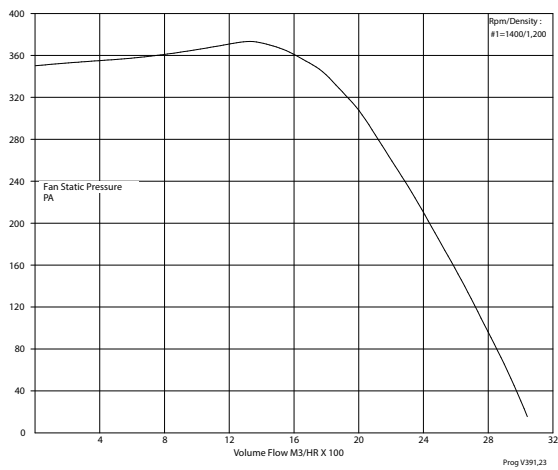
Pressure Curves



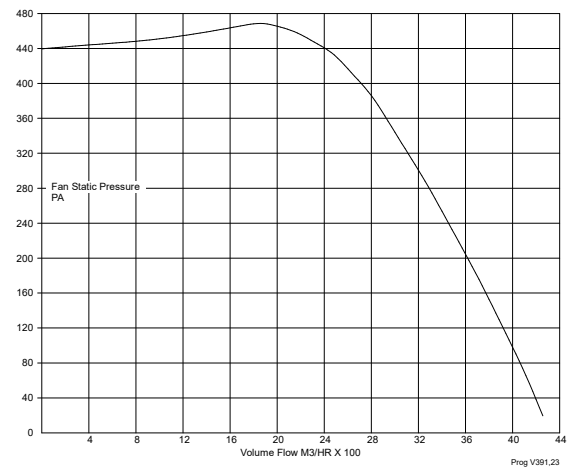
MR-RF 315/4K



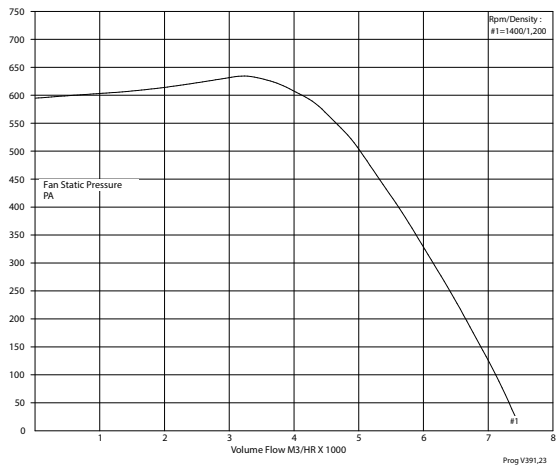
MR-RF 355/4K A



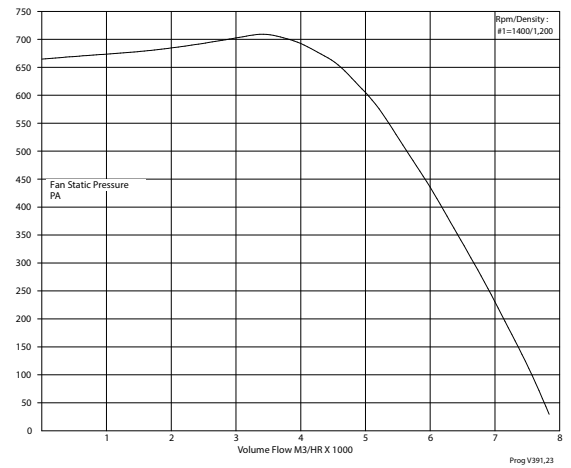
MR-RF 355/4K B



MR-RF 400/4K

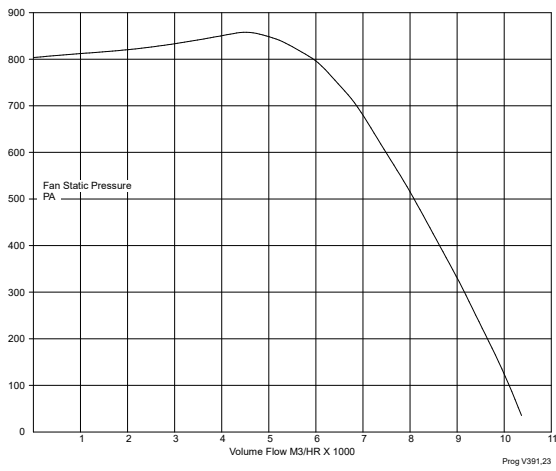


MR-RF 450/4K A

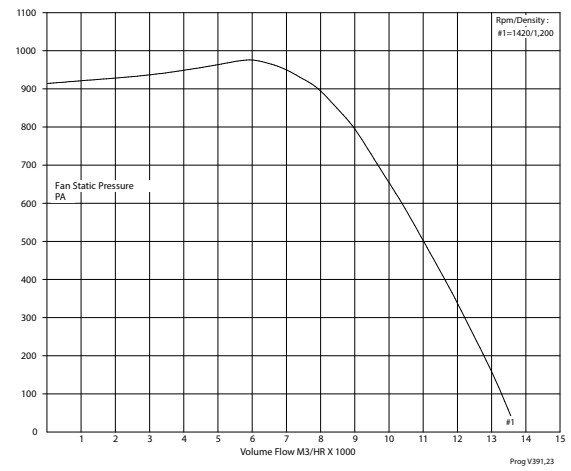


MR-RF 450/4K B

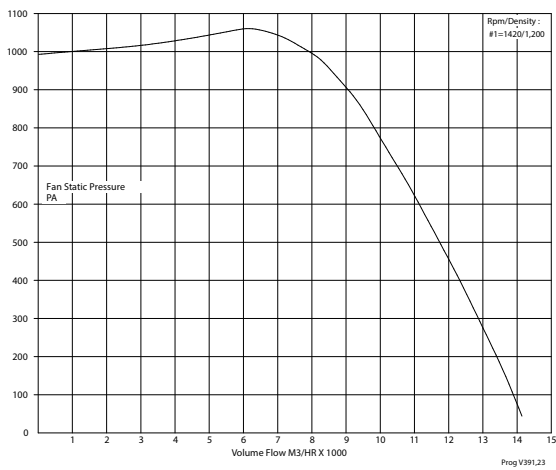
Pressure Curves



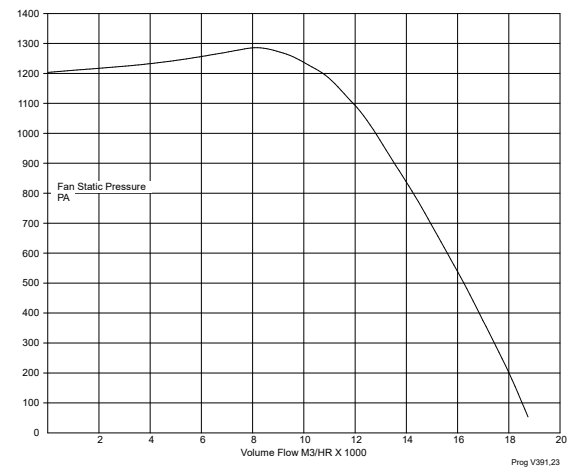
MR-RF 500/4K



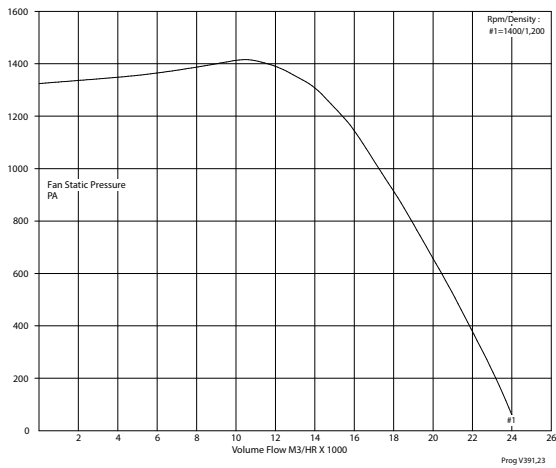
MR-RF 560/4K A



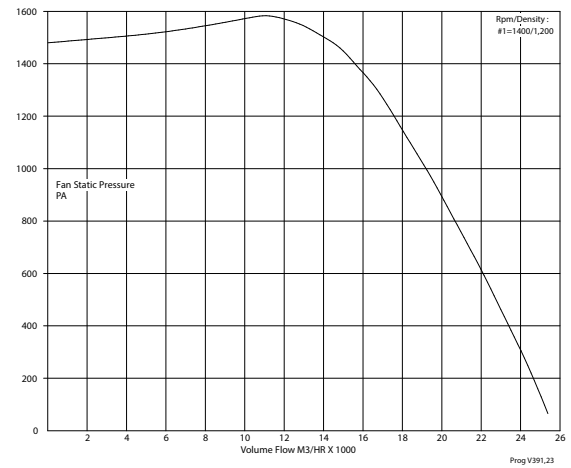
MR-RF 560/4K B



MR-RF 630/4K



MR-RF 710/4K A



MR-RF 710/4K B



Options On Request



Ex-Proof

Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	ST37	PPG / ALU	80 °C	ISO 9001

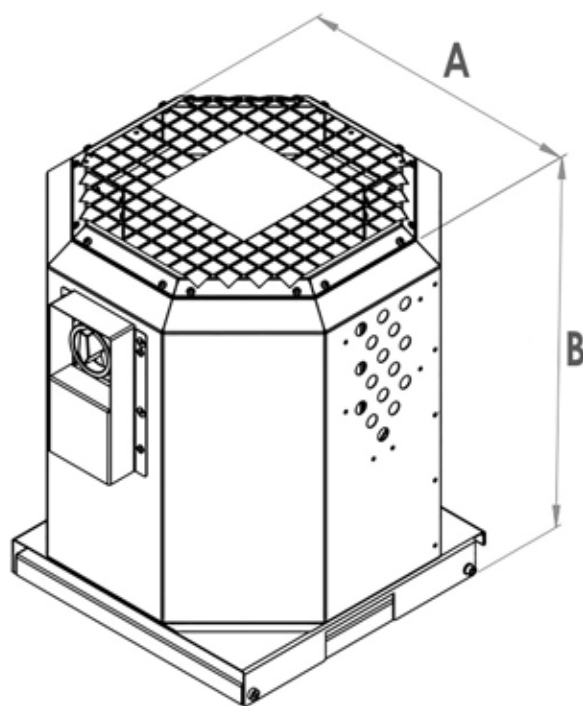
MR-RFV

RADIAL VERTICAL TYPE ROOF FANS

MR-RF serie Radial Vertical Type Roof Fans provide high performance and energy savings with their backward curved blade structure. Square fan basement and rotor structure makes periodic maintenance easy.

Technical Information

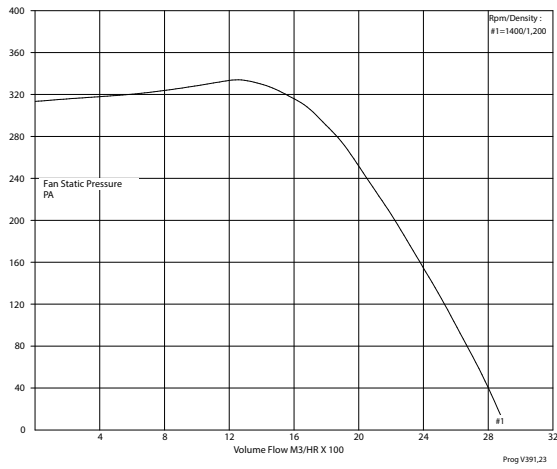
Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree
MR-RFV 355/4K a	2200	450	10	0,37	1450	1	50	380	72	60
MR-RFV 355/4K b	2700	450	10	0,55	1450	1,3	50	380	80	60
MR-RFV 400/4K	4200	450	11	0,75	1450	2	50	380	83	60
MR-RFV 450/4K a	6400	500	13	1,1	1450	2,5	50	380	84	60
MR-RFV 450/4K b	6900	800	13,5	1,5	1450	3,5	50	380	87	60
MR-RFV 500/4K	9300	800	15	2,2	1450	4,5	50	380	90	60
MR-RFV 560/4K a	12500	1600	16	3	1450	6,5	50	380	91	60
MR-RFV 560/4K b	14000	1600	17	4	1450	8	50	380	93	60
MR-RFV 630/4K	18000	1600	18	5,5	1450	11	50	380	95	60
MR-RFV 710/4K a	20000	1600	19	7,5	1450	15	50	380	97	60
MR-RFV 710/4K b	22000	1800	19,5	11	1450	21	50	380	99	60



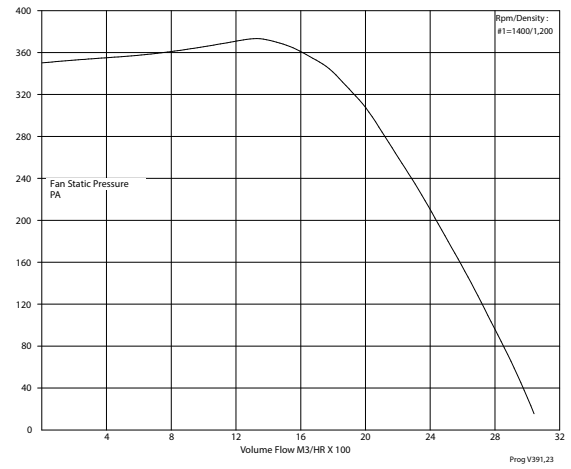
Model Type	A	B	WEIGHT
MR-RFV 355	500	575	36
MR-RFV 400	635	640	41
MR-RFV 450	795	720	51
MR-RFV 500	795	720	58
MR-RFV 560	1000	970	67
MR-RFV 630	1000	970	84
MR-RFV 710	1350	1095	132



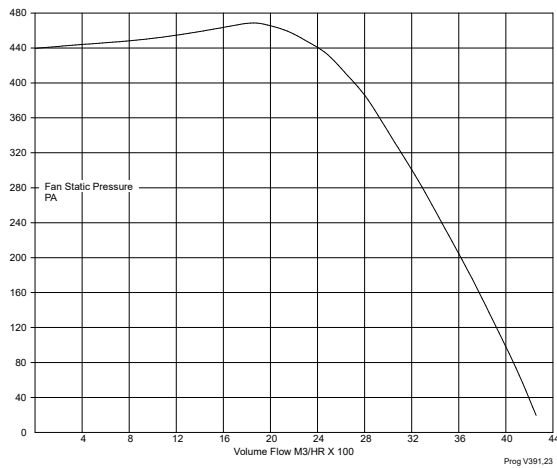
Pressure Curves



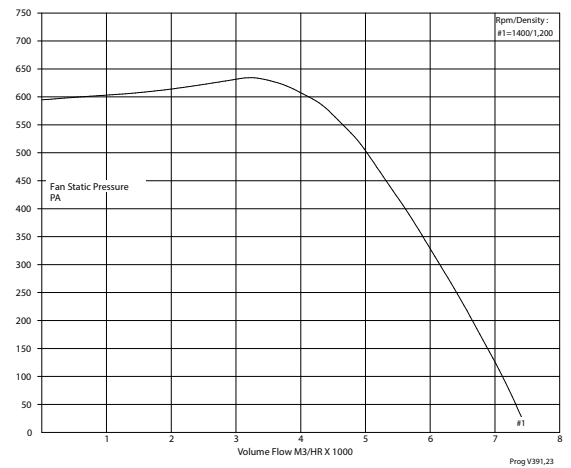
MR-RFV 355/4K A



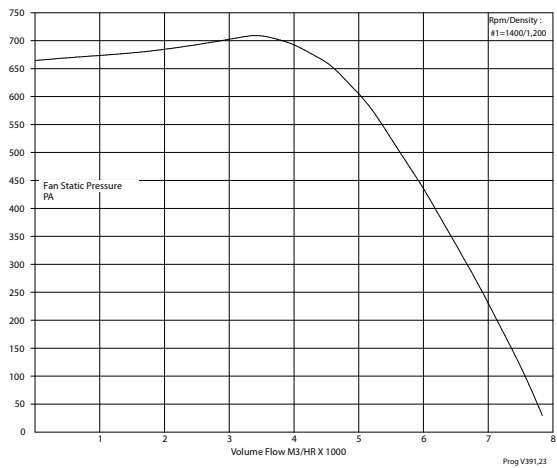
MR-RFV 355/4K B



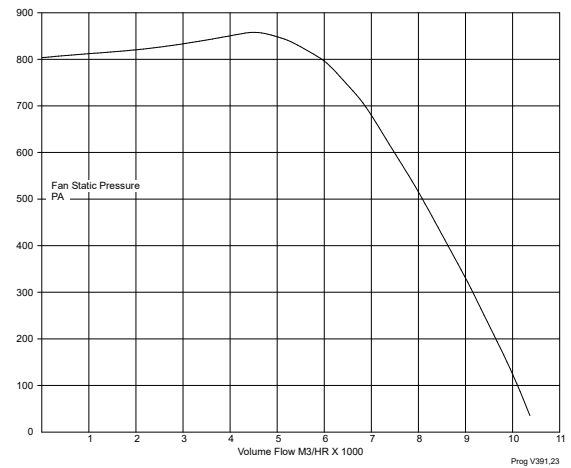
MR-RFV 400/4K



MR-RFV 450/4K A

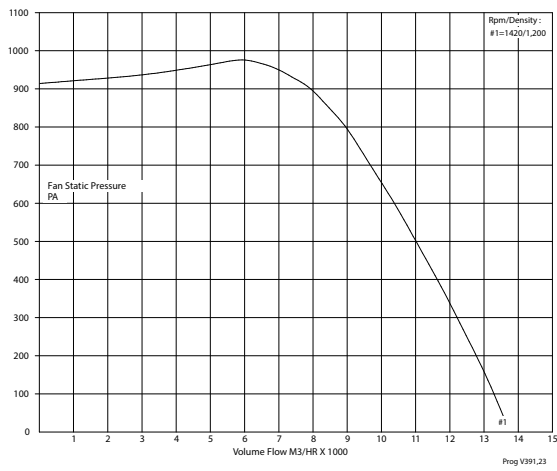


MR-RFV 450/4K B

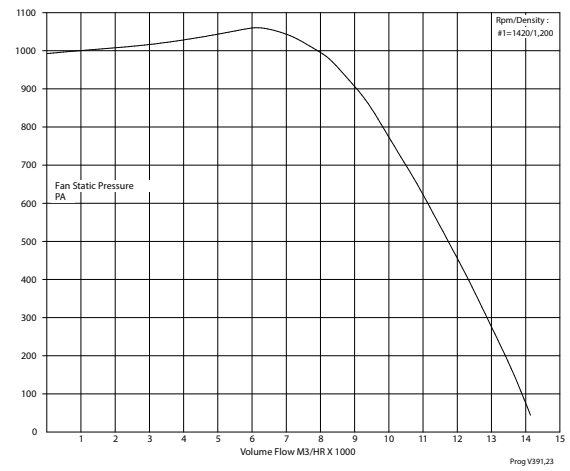


MR-RFV 500/4K

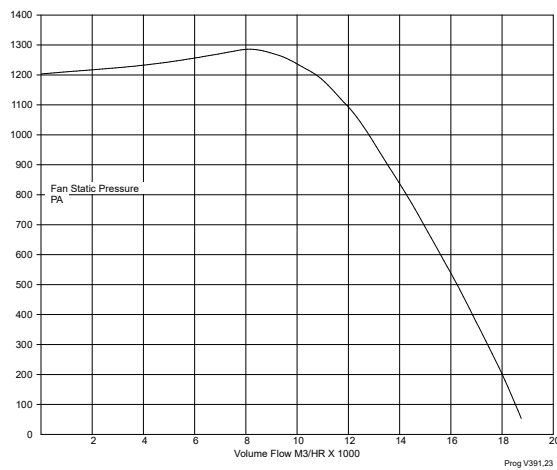
Pressure Curves



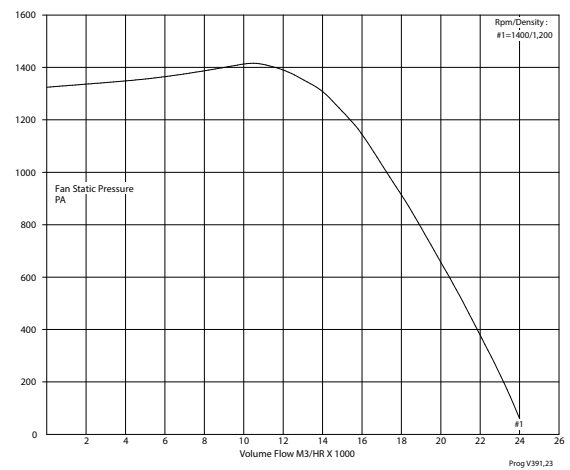
MR-RFV 560/4K A



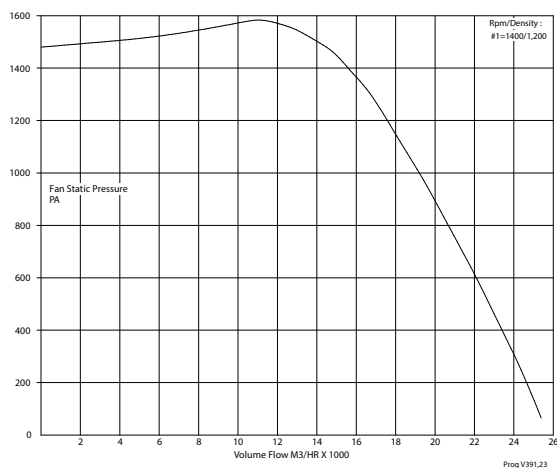
MR-RFV 560/4K B



MR-RFV 630/4K



MR-RFV 710/4K A



MR-RFV 710/4K B



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP44	Galvanized Sheet Metal	Aluminium	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

MR-RH

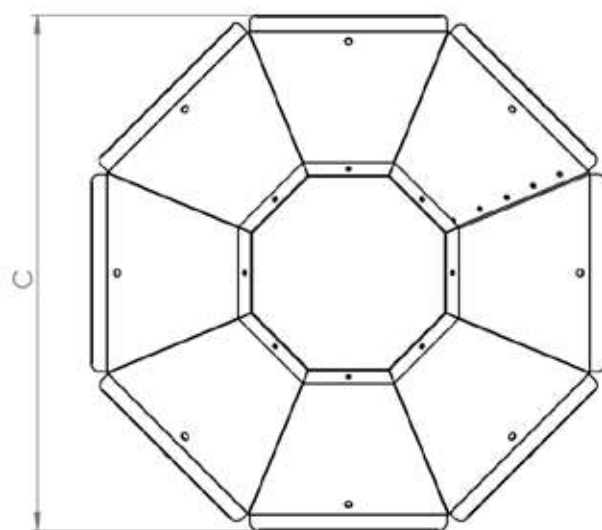
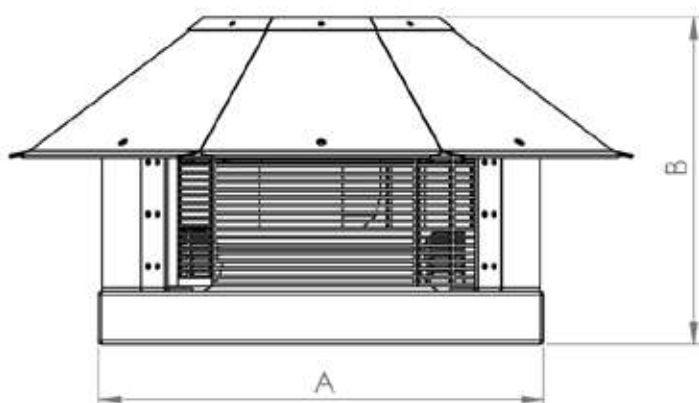
ROOF MOUNTED HORIZONTAL DISCHARGE CENTRIFUGAL FAN

MR-RH serie Roof fans are preferred in low to medium airflow needed ventilation systems. Designed for use on the roof. Easy-to-install, long-lasting ball bearings and efficient fan blades. MR-RH serie Roof fans are preferred in low to medium airflow needed ventilation systems. Designed for use on the roof. Easy-to-install, long-lasting ball bearings and efficient fan blades.

Technical Information

Model Type	Max m³/h	W	rpm d/d	Hz	Voltage	Sound dB
MR-RH 190	520	90	2600	50	230	70
MR-RH 225	950	104	2675	50	230	73
MR-RH 250	1150	130	2685	50	230	75
MR-RH 280	2000	180	2615	50	230	78
MR-RH 355	2350	185	1365	50	230	70
MR-RH 400	3400	380	1365	50	230	83
MR-RH 450	4900	690	1365	50	230	83
MR-RH 500	7000	1080	1365	50	230-380	86
MR-RH 560	9300	1670	1365	50	380	86

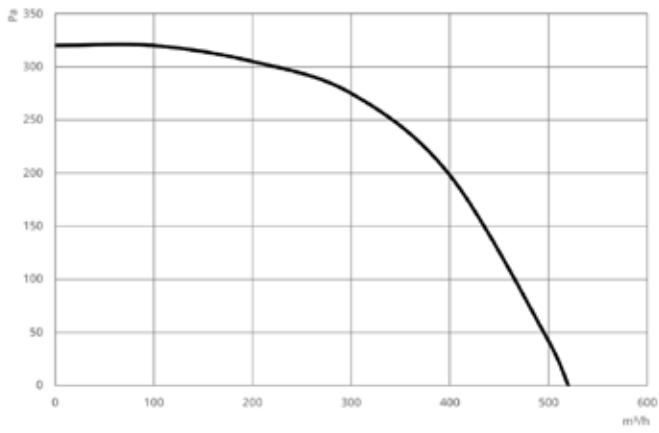
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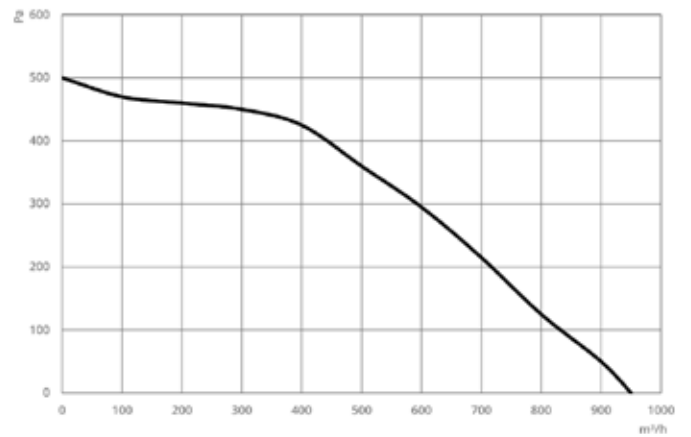
Model Type	A	B	C
MR-RH 190	250	220	340
MR-RH 225	336	247	471
MR-RH 250	355	252	500
MR-RH 280	370	256	523
MR-RH 355	450	337	640
MR-RH 400	450	367	640
MR-RH 450	550	444	820
MR-RH 500	600	500	860
MR-RH 560	630	510	920



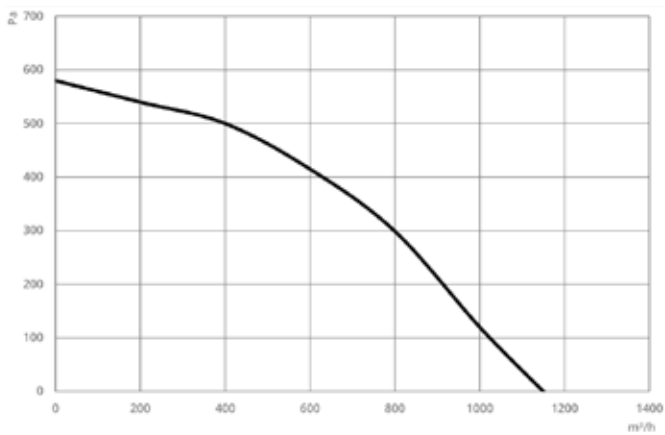
Pressure Curves



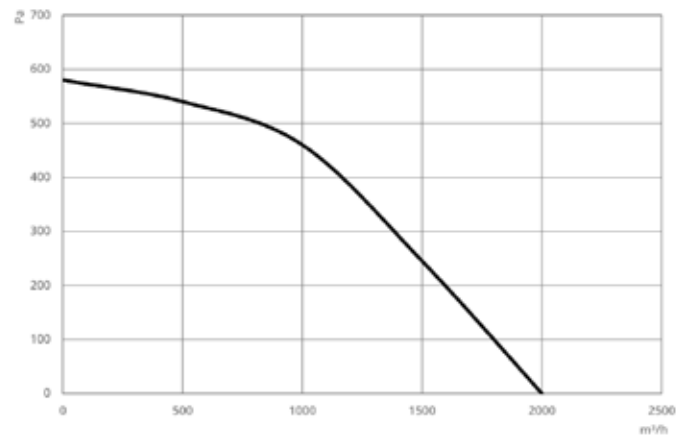
MR-RH 190



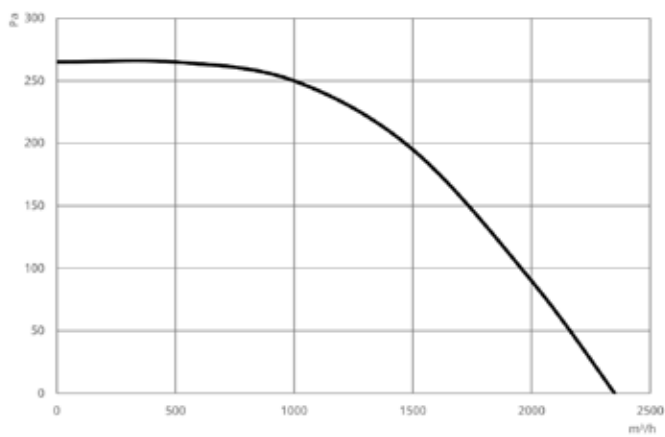
MR-RH 225



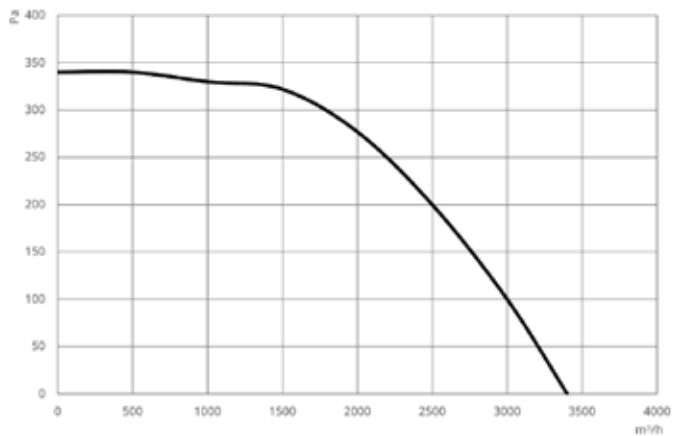
MR-RH 250



MR-RH 280

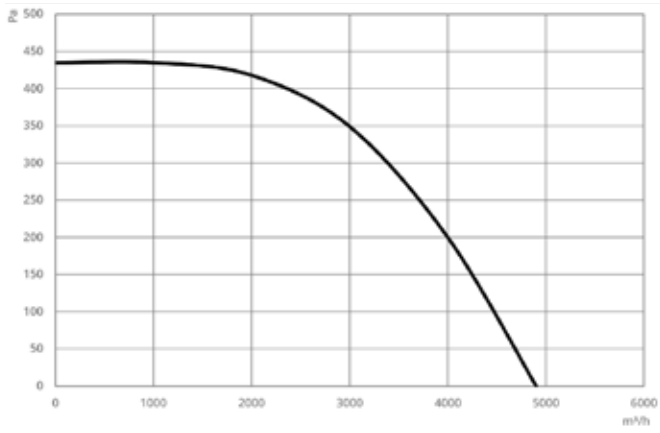


MR-RH 355

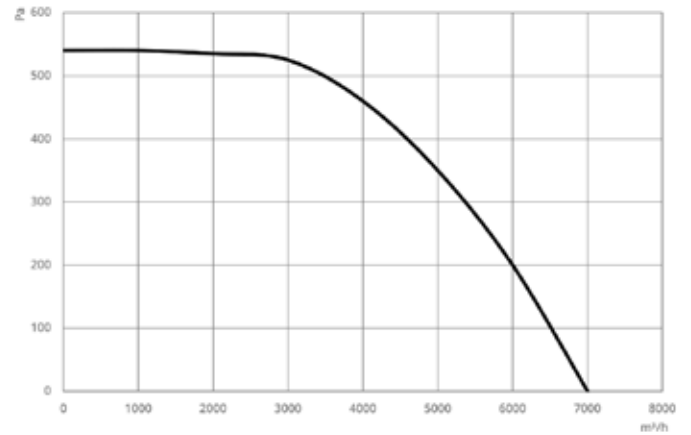


MR-RH 400

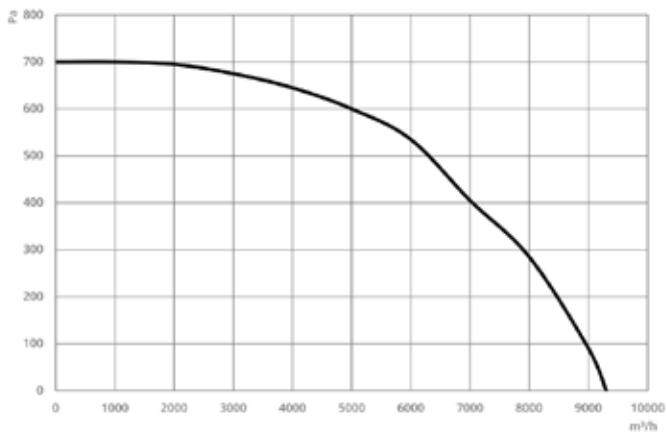
Pressure Curves



MR-RH 450



MR-RH 500



MR-RH 560



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP44	Galvanized Sheet Metal	Aluminium	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

MR-RV

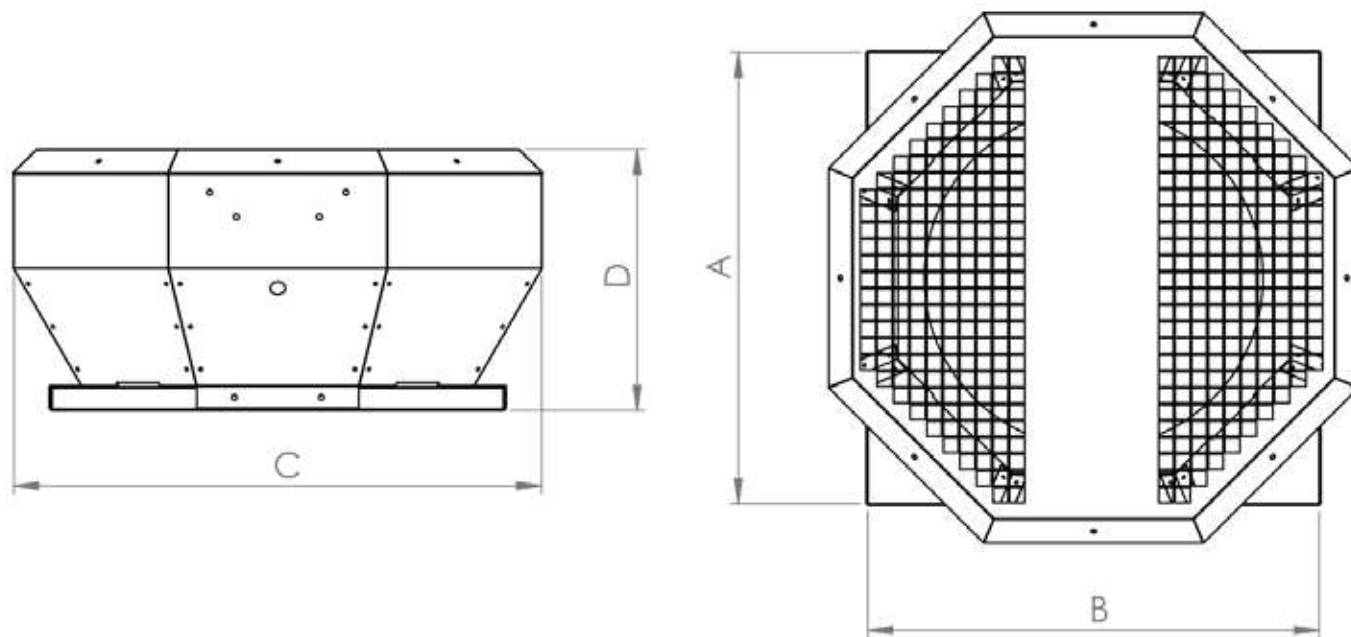
ROOF MOUNTED VERTICAL DISCHARGE CENTRIFUGAL FAN

MR-RV serie Vertical Discharge Roof fans are preferred in low to medium airflow needed ventilation systems. Designed for use on the roof. Easy-to-install, long-lasting ball bearings and efficient fan blades.

Technical Information

Model Type	Max m³/h	W	rpm d/d	Hz	Voltage	Sound dB
MR-RV 190	520	90	2600	50	230	70
MR-RV 225	950	104	2675	50	230	73
MR-RV 250	1150	130	2685	50	230	75
MR-RV 280	2000	180	2615	50	230	78
MR-RV 355	2350	185	1365	50	230	70
MR-RV 400	3400	380	1365	50	230	83
MR-RV 450	4900	690	1365	50	230	83
MR-RV 500	7000	1080	1365	50	230-380	86
MR-RV 560	9300	1670	1365	50	380	86

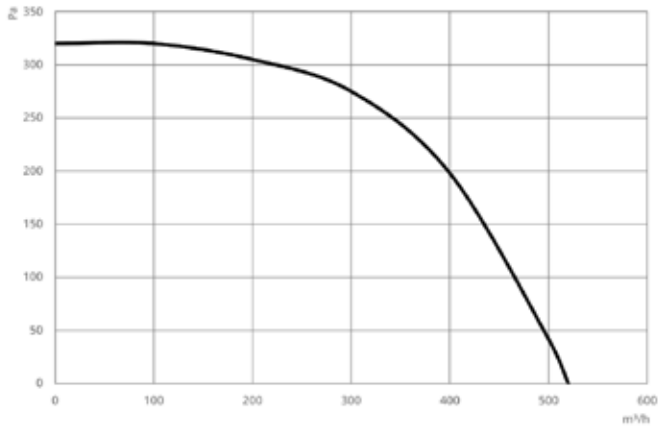
Values are for 0 Pa.



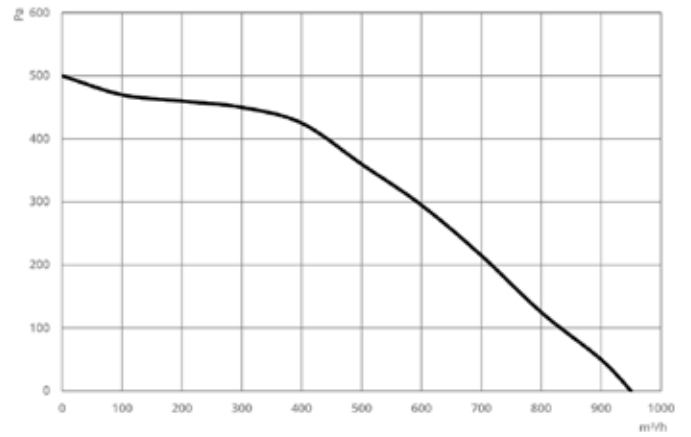
Model Type	A	B	C	D
MR-RV 190	340	340	442	192
MR-RV 225	420	420	502	228
MR-RV 250	435	435	532	242
MR-RV 280	450	450	552	256
MR-RV 355	550	550	652	317
MR-RV 400	600	600	702	348
MR-RV 450	650	650	752	356
MR-RV 500	700	700	802	412
MR-RV 560	800	800	902	427



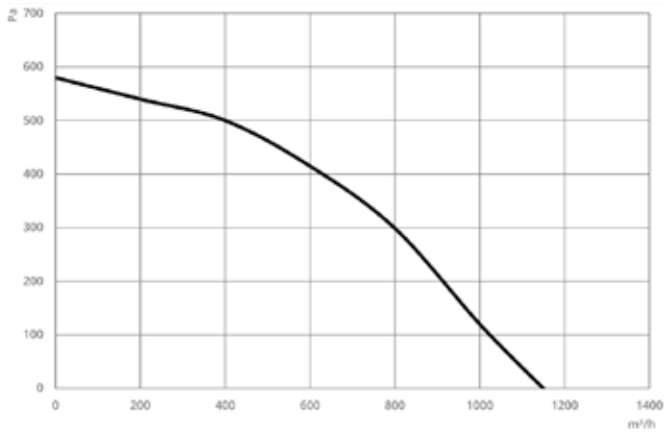
Pressure Curves



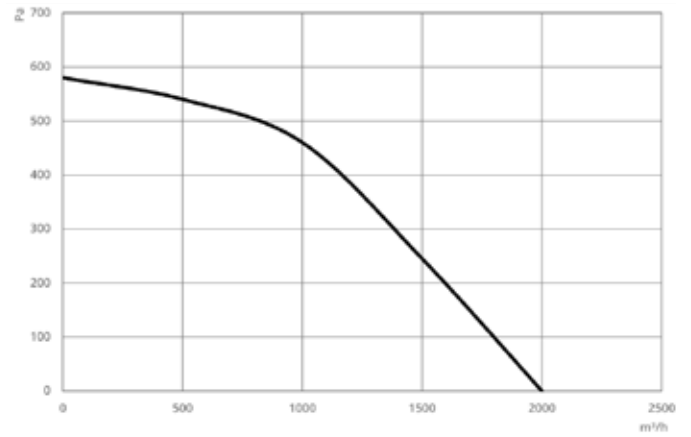
MR-RV 190



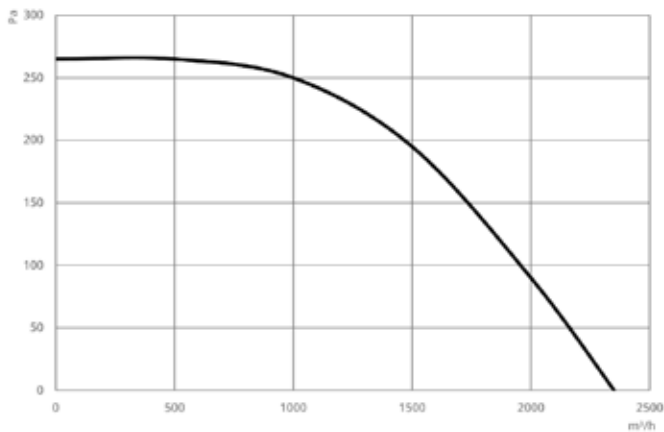
MR-RV 225



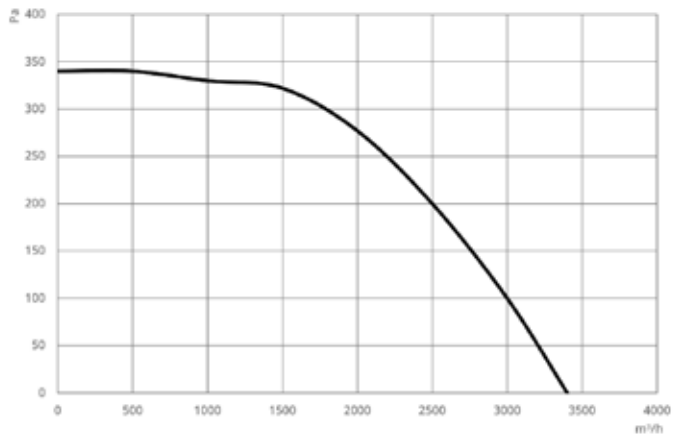
MR-RV 250



MR-RV 280

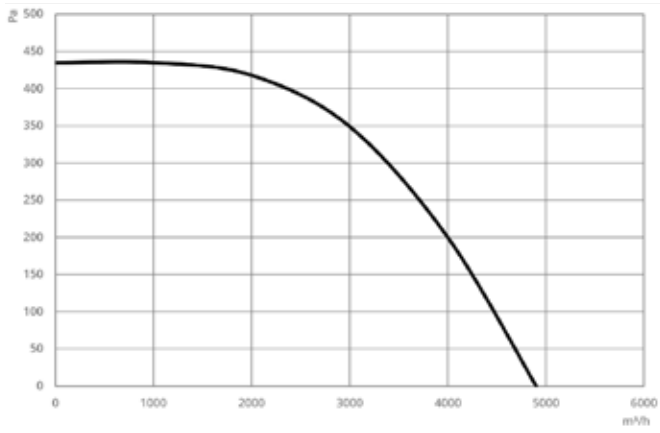


MR-RV 355

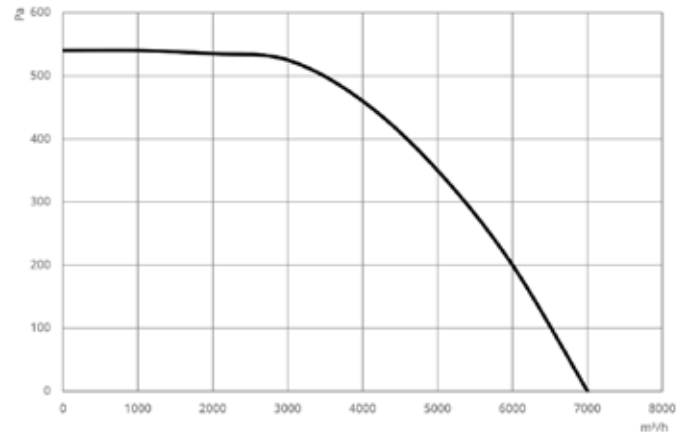


MR-RV 400

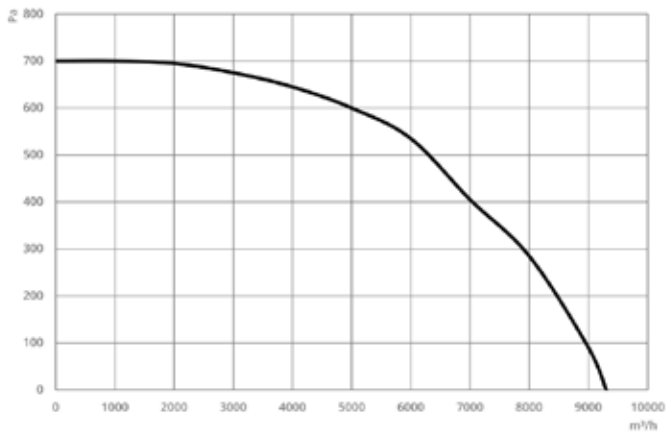
Pressure Curves



MR-RV 450



MR-RV 500



MR-RV 560



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	Galvanized Sheet Metal	Aluminium	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

MR-RHX

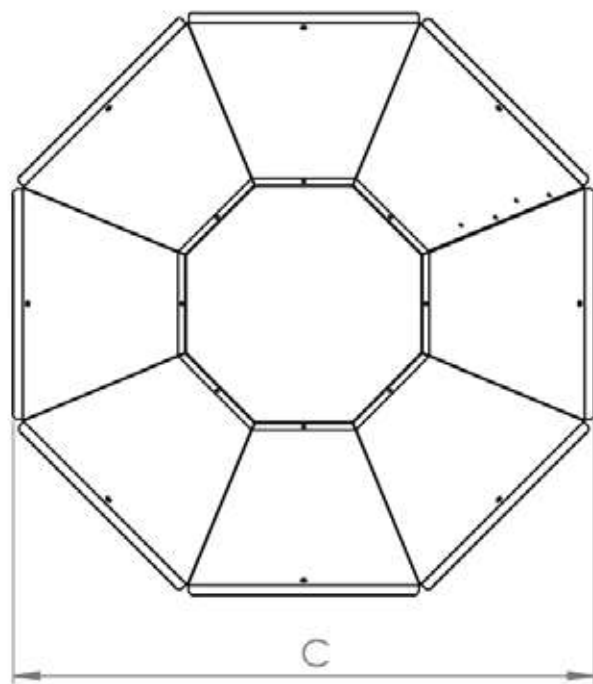
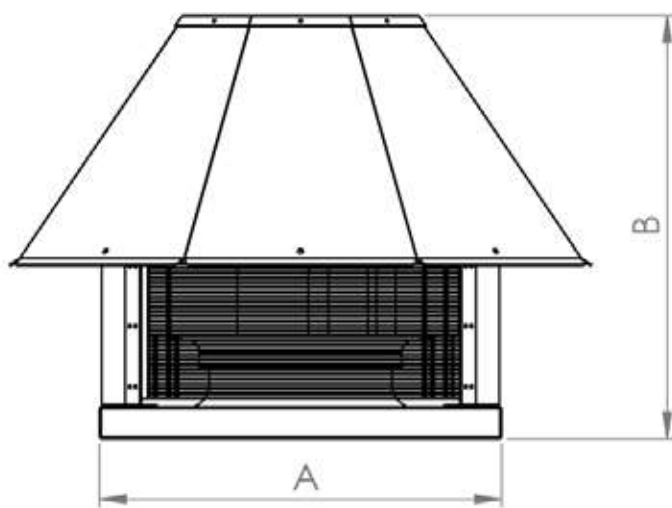
HORIZONTAL DISCHARGE CENTRIFUGAL FAN WITH MOTOR OUT OF AIR

MR-RHX serie Roof fans are widely used in applications with horizontal discharge needed. Fan motor is out of airstream particule discharge as well. Easy-to-install frame allows a simple usage. Backward Curve Fan blades provide regular airflow with energy efficiency.

Technical Information

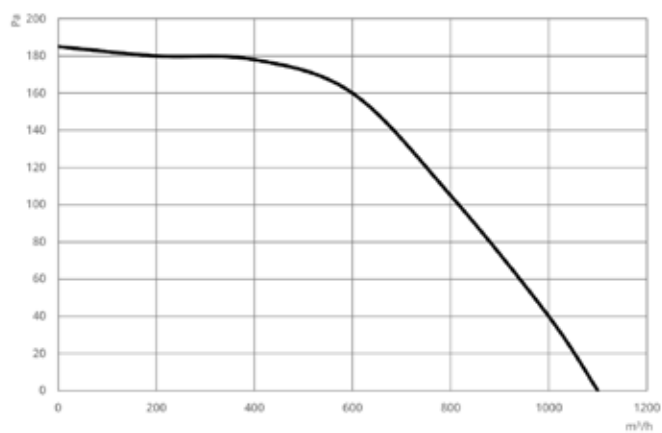
Model Type	Max m ³ /h	kW	rpm d/d	Hz	Voltage	Sound dB
MR-RHX 280	1100	0,18	1450	50	380	73
MR-RHX 315	1600	0,25	1469	50	380	73
MR-RHX 355	2300	0,37	1471	50	380	75
MR-RHX 400	3300	0,55	1478	50	380	78
MR-RHX 450	5000	0,75	1454	50	380	70
MR-RHX 500	7000	1,1	1462	50	380	83
MR-RHX 560	9800	1,5	1464	50	380	74

Values are for 0 Pa.

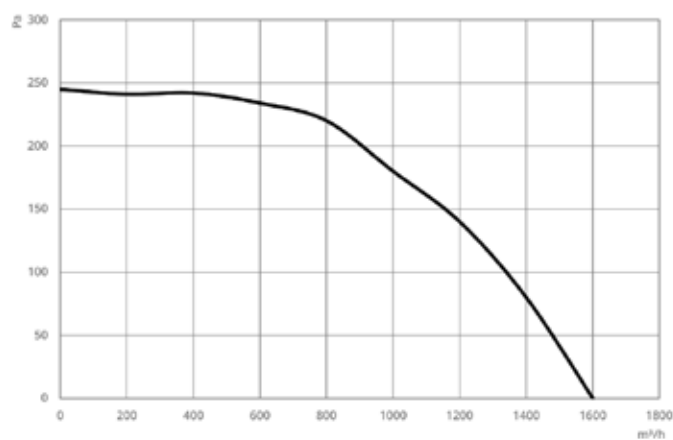


Model Type	A	B	C
MR-RHX 280	366	412	536
MR-RHX 315	400	460	580
MR-RHX 355	450	466	630
MR-RHX 400	500	526	723
MR-RHX 450	550	562	820
MR-RHX 500	600	614	900
MR-RHX 560	650	620	973

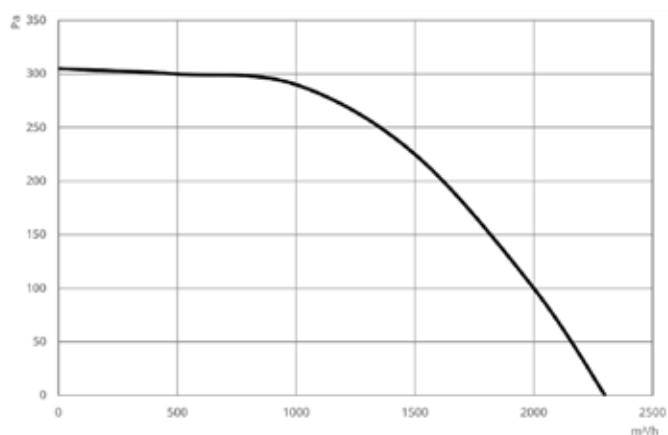
Pressure Curves



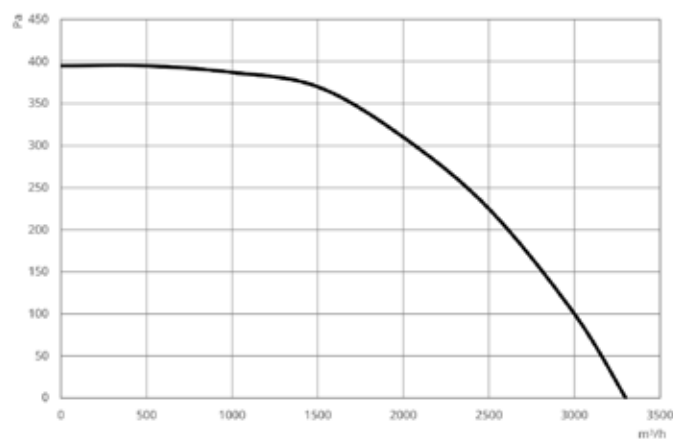
MR-RHX 280



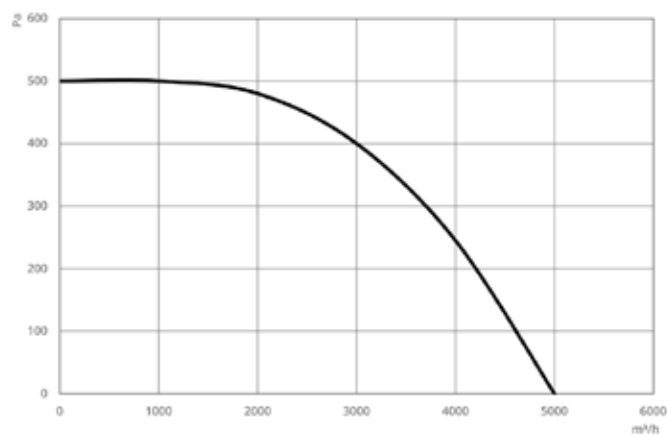
MR-RHX 315



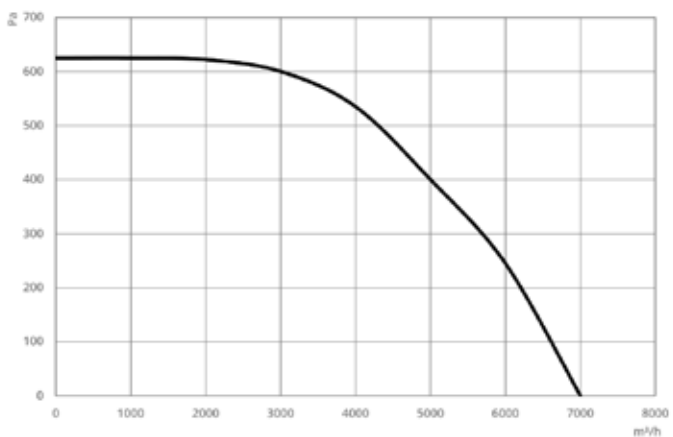
MR-RHX 355



MR-RHX 400

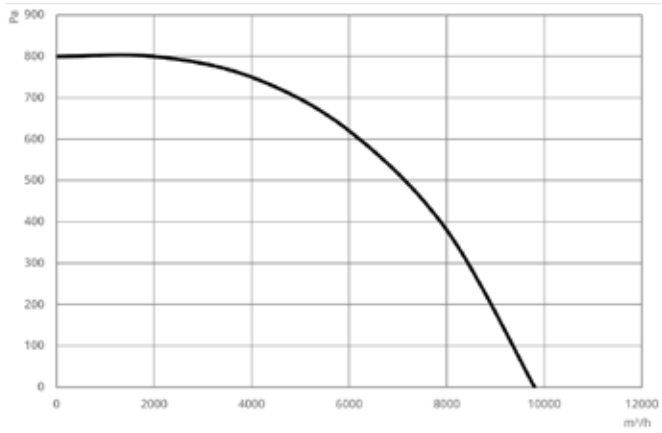


MR-RHX 450



MR-RHX 500

Pressure Curves



MR-RHX 560



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	Galvanized Sheet Metal	Aluminium	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

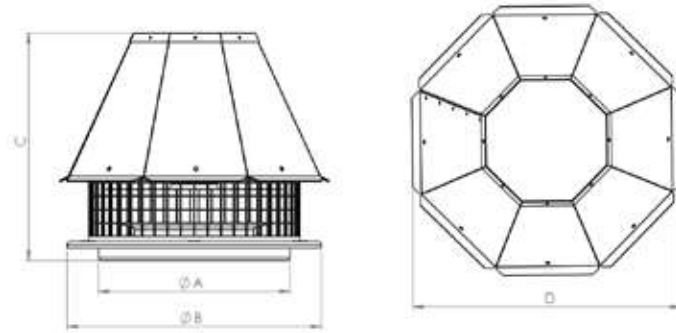
MR-RMX

HORIZONTAL DISCHARGE CENTRIFUGAL FAN WITH MOTOR OUT OF AIR

MR-RMX Serie Roof fans are widely used in applications with horizontal discharge needed. Easy-to-install frame allows a simple usage. Backward Curved Fan blades provide regular airflow with energy efficiency.

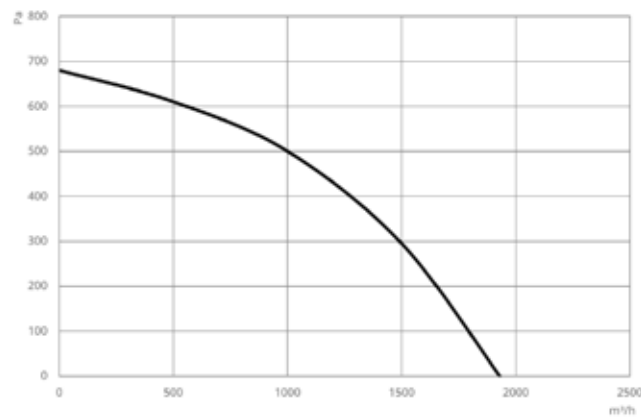
Technical Information

Model Type	Max m³/h	W	rpm d/d	Hz	Voltage	Sound dB
MR-RMX 315	1930	190	2700	50	380	63



Model Type	A	B	C	D
MR-RMX 315	310	412	370	435

Pressure Curves



MR-RMX 315



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	Galvanized Sheet Metal	Aluminium	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

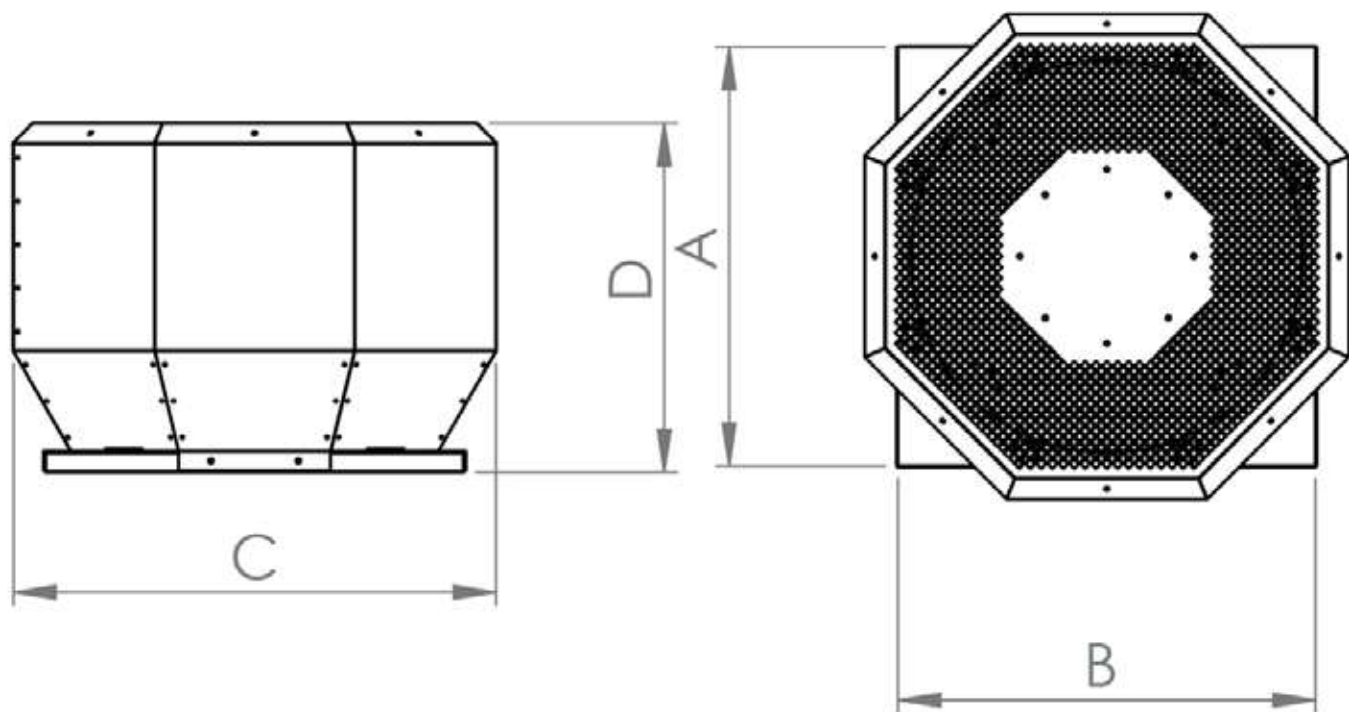
MR-RVX

HORIZONTAL DISCHARGE CENTRIFUGAL FAN WITH MOTOR OUT OF AIR

MR-RVX Serie Roof fans are widely used in applications with vertical discharge needed. Easy-to-install frame allows a simple usage. Backward Curved Fan blades provide regular airflow with energy efficiency.

Technical Information

Model Type	Max m³/h	kW	rpm d/d	Hz	Voltage	Sound dB
MR-RVX 280	1100	0,18	1450	50	380	73
MR-RVX 315	1600	0,25	1469	50	380	73
MR-RVX 355	2300	0,37	1471	50	380	75
MR-RVX 400	3300	0,55	1478	50	380	78
MR-RVX 450	5000	0,75	1454	50	380	70
MR-RVX 500	7000	1,1	1462	50	380	83
MR-RVX 560	9800	1,5	1464	50	380	74

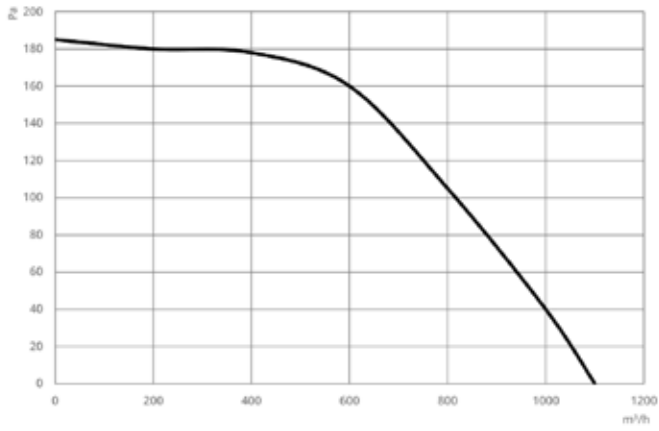


Model Type	A	B	C	D
MR-RVX 280	450	450	552	405
MR-RVX 315	500	500	602	440
MR-RVX 355	550	550	652	478
MR-RVX 400	600	600	702	517
MR-RVX 450	650	650	752	543
MR-RVX 500	700	700	802	610
MR-RVX 560	750	750	852	642

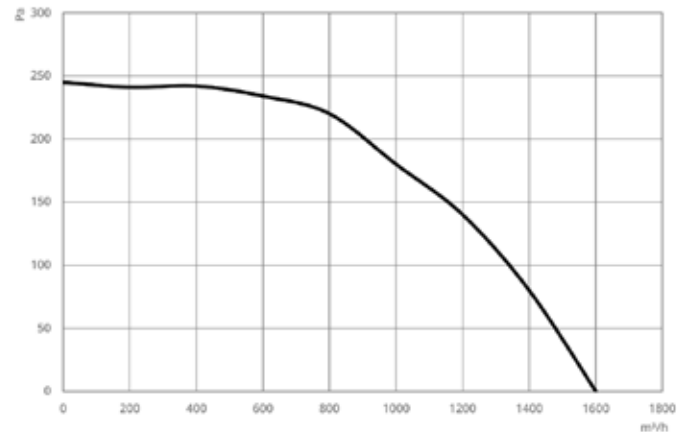
Values are for 0 Pa.



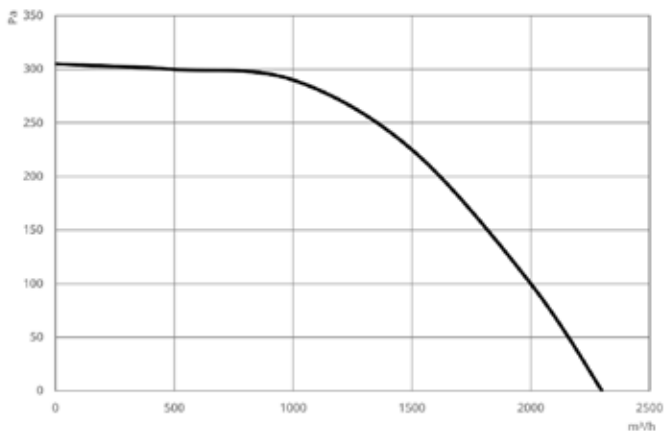
Pressure Curves



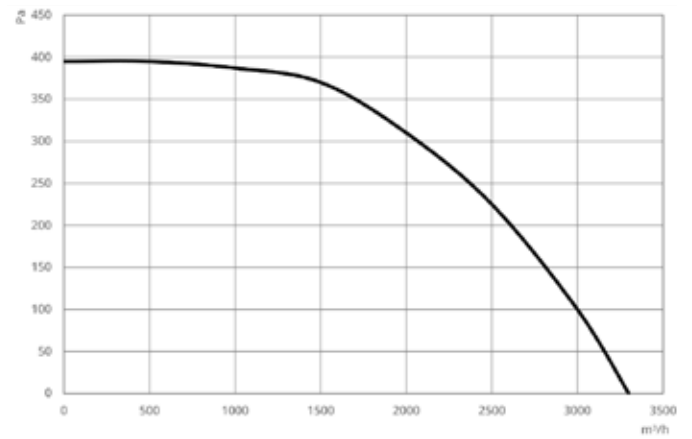
MR-RVX 280



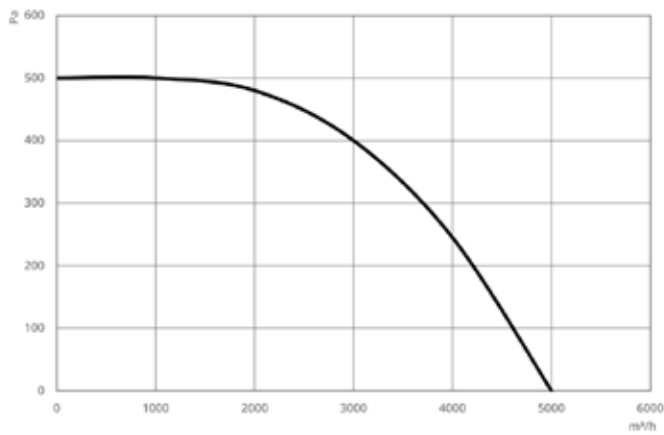
MR-RVX 315



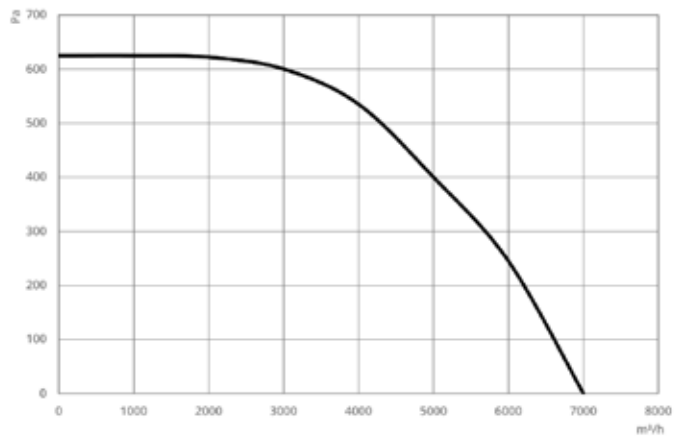
MR-RVX 355



MR-RVX 400

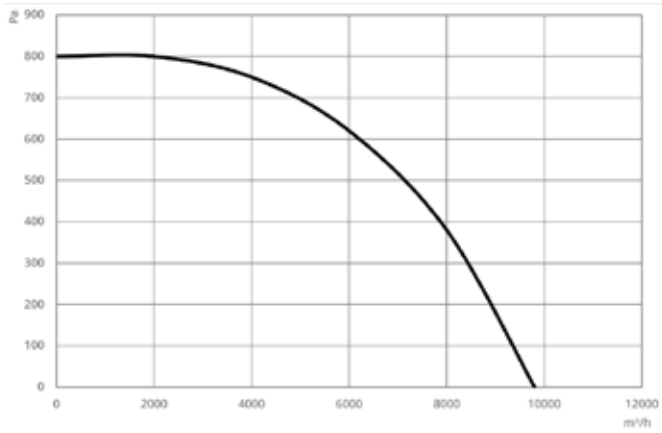


MR-RVX 450



MR-RVX 500

Pressure Curves



MR-RVX 560



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP55	Galvanized Sheet Metal	Aluminium	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

MA-RH

ROOF MOUNTED HORIZONTAL DISCHARGE FAN

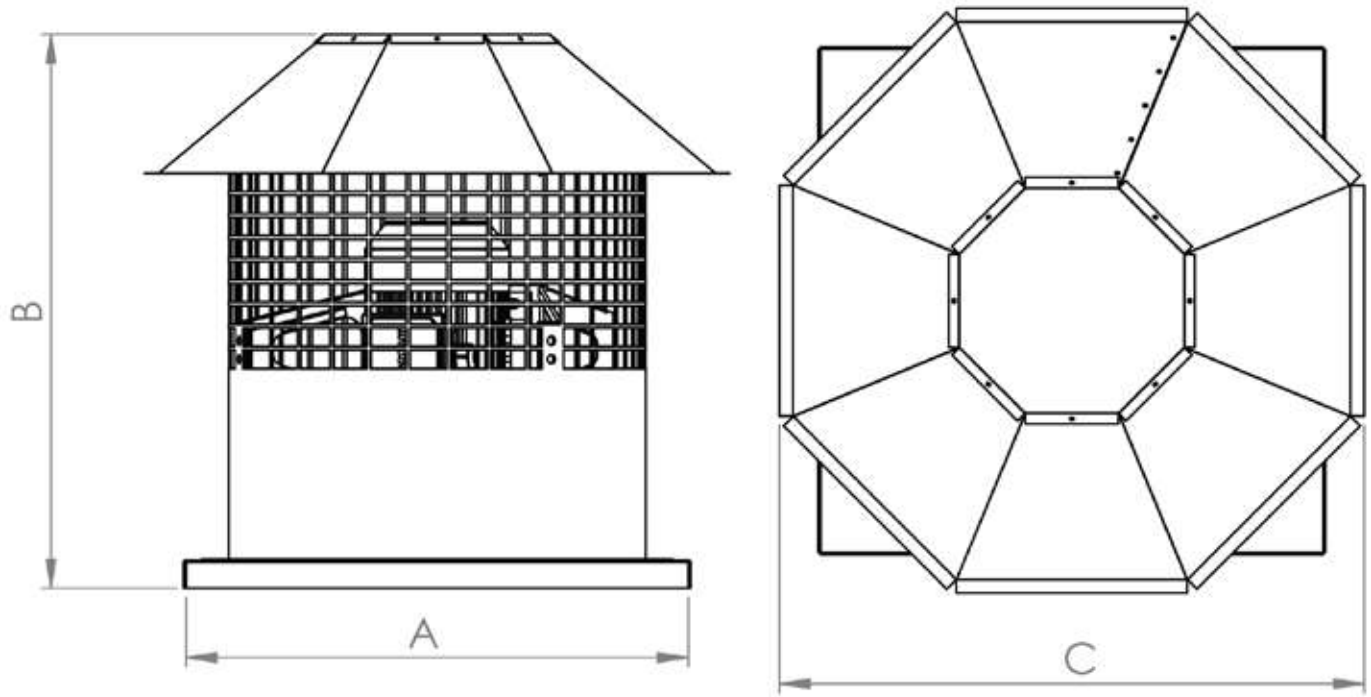
MR-AH serie Roof fans can be used to pressurize staircases and elevator shafts. Fans have hood and wire cage for protection.

Technical Information

Model Type	A	B	C
MA-RH 400	500	800	640
MA-RH 450	550	800	640
MA-RH 500	600	800	700
MA-RH 560	650	800	760
MA-RH 630	750	850	850
MA-RH 710	850	850	950
MA-RH 800	950	850	1070
MA-RH 900	1050	1200	1140
MA-RH 1000	1150	1200	1240
MA-RH 1120	1250	1550	1390



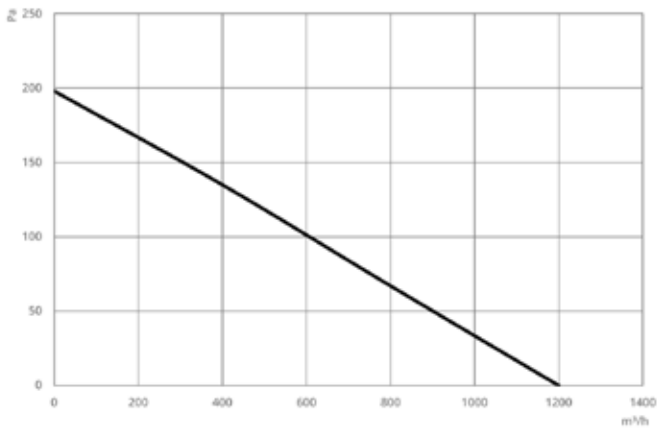
Technical Information



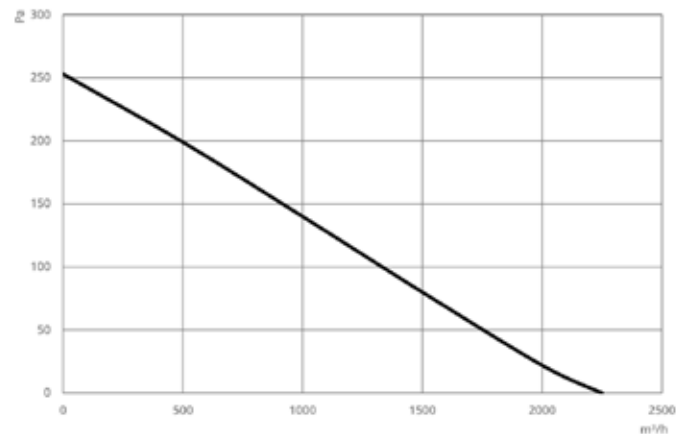
Model Type	Max m³/h	kW	rpm d/d	Hz	Voltage	Sound dB
MA-RH 400-5-25	1200	0,37	1450	50	380	66
MA-RH 450-5-25	2200	0,55	1456	50	380	69
MA-RH 500-5-25	3950	0,55	1453	50	380	72
MA-RH 560-5-25	6100	0,75	1466	50	380	75
MA-RH 630-5-30	11000	1,10	1465	50	380	80
MA-RH 710-5-30	17000	1,50	1472	50	380	83
MA-RH 800-5-30	22250	2,20	1459	50	380	85
MA-RH 800-5-35	26940	3,00	1463	50	380	89
MA-RH 900-5-35	34150	4,00	1471	50	380	90
MA-RH 900-5-40	40000	5,50	1472	50	380	93
MA-RH 1000-5-40	49570	7,50	1478	50	380	94
MA-RH 900-8-40	43200	11,00	1454	50	380	94
MA-RH 1000-8-40	58850	15,00	1456	50	380	97
MA-RH 1000-8-45	66070	18,50	1458	50	380	99
MA-RH 1120-8-40	84620	22,00	1471	50	380	100
MA-RH 1120-8-45	92270	30,00	1474	50	380	102

Values are for 0 Pa.

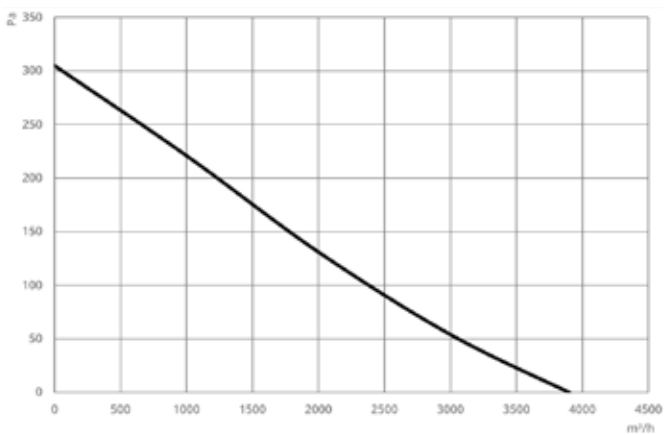
Pressure Curves



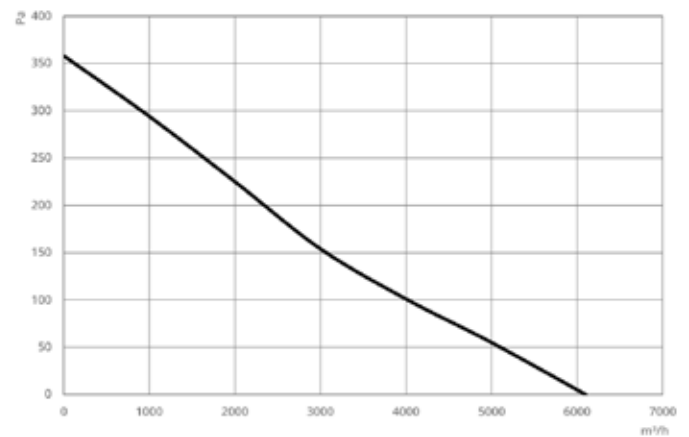
MA-RH 400-5-25



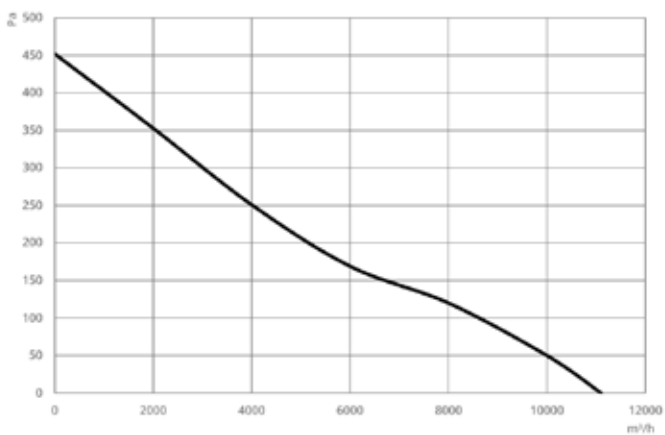
MA-RH 450-5-25



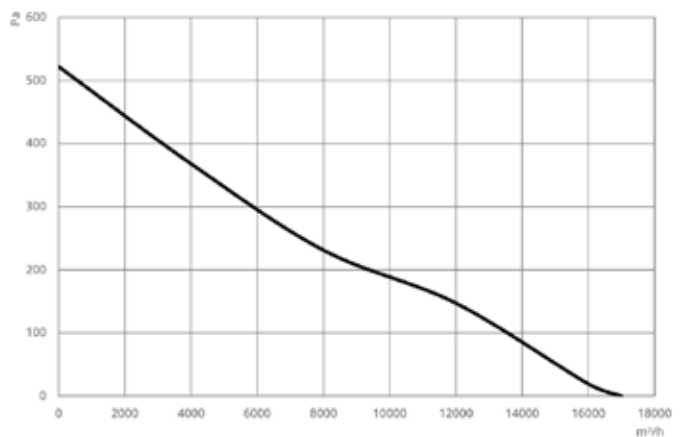
MA-RH 500-5-25



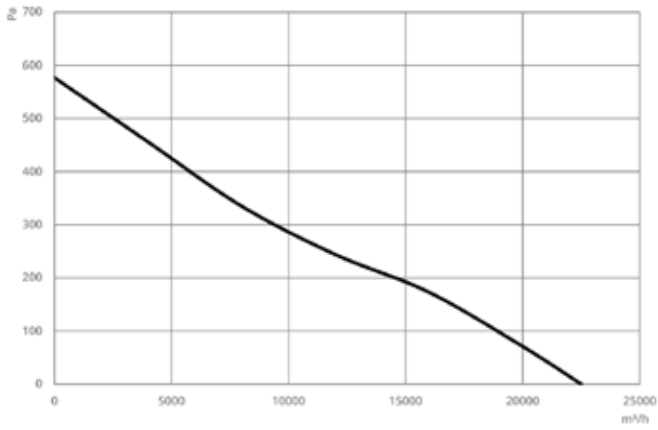
MA-RH 560-5-25



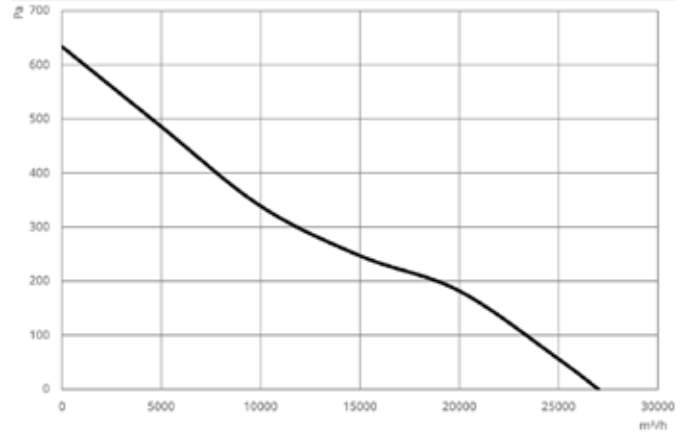
MA-RH 630-5-30



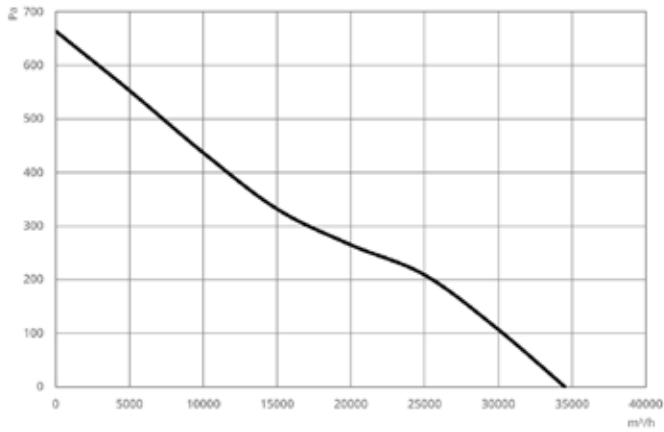
MA-RH 710-5-30



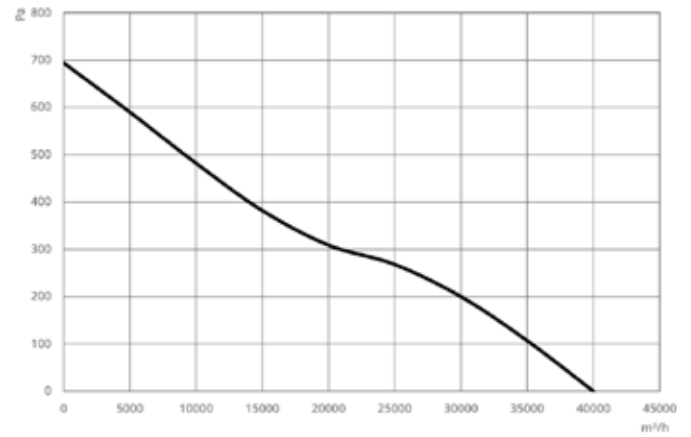
MA-RH 800-5-30



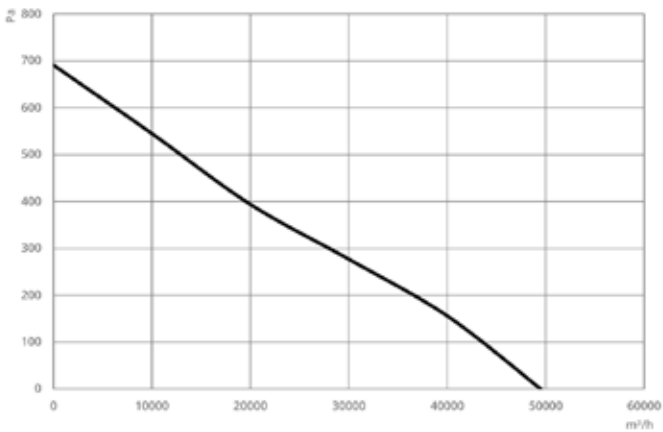
MA-RH 800-5-35



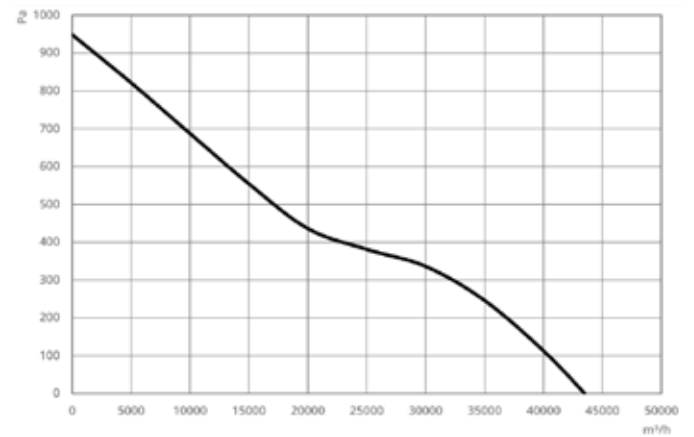
MA-RH 900-5-35



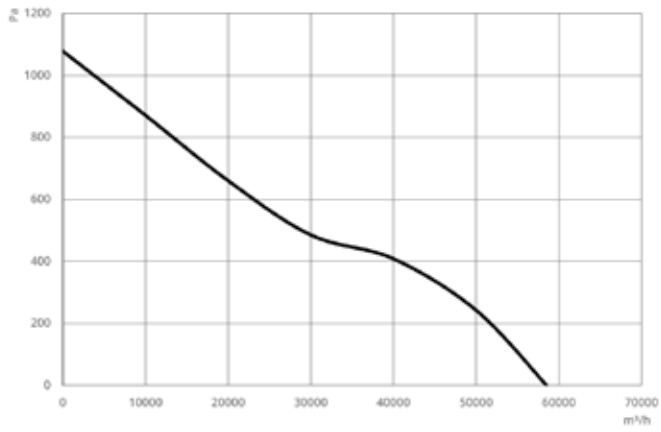
MA-RH 900-5-40



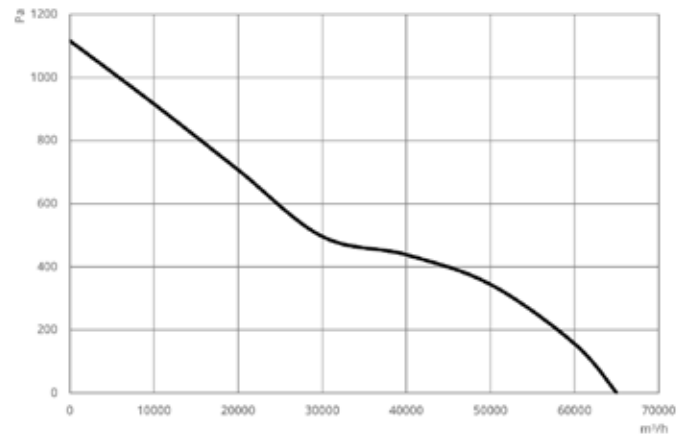
MA-RH 1000-5-40



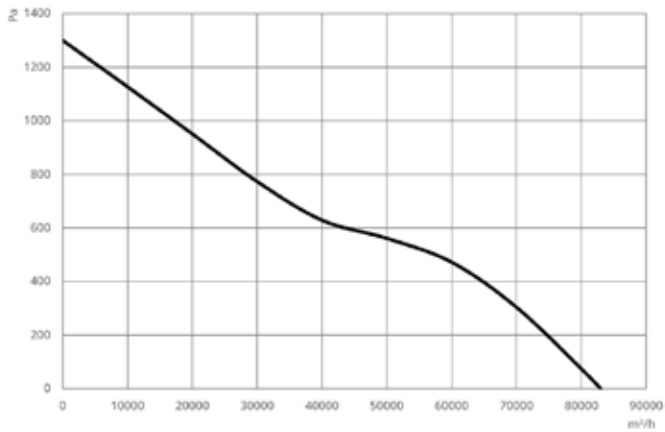
MA-RH 900-8-40



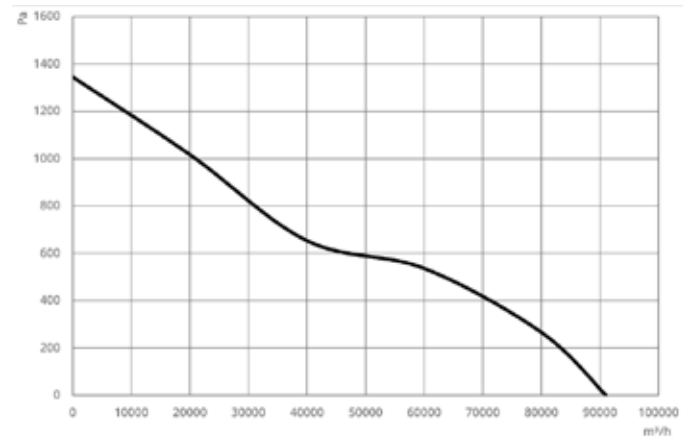
MA-RH 1000-8-40



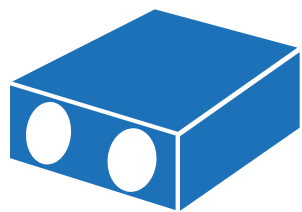
MA-RH 1000-8-45



MA-RH 1120-8-40



MA-RH 1120-8-45



HEAT RECOVERY UNIT



Heat Recovery Unit Models

MHR

VORT HRW 40
MONO EVO

VORT HR 40 300
NETI



MHR

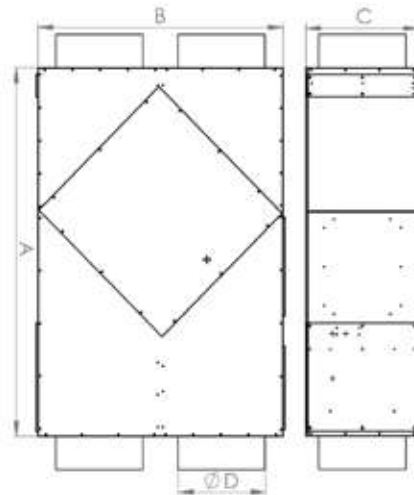
HEAT RECOVERY UNIT

MHR serie High performance heat recovery ventilators to be installed inside residential buildings. Heat or Cold Air is transferred by heat exchanger without In / Out Air stream. Control Panel can be also provided if requested.

Technical Information

Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MHR 10	1000	250	2668	50	230	99
MHR 20	2000	400	2396	50	230	89
MHR 30	2700	780	1465	50	230	91
MHR 40	4000	1300	1410	50	230	95
MHR 50	6000	1700	1380	50	230	96

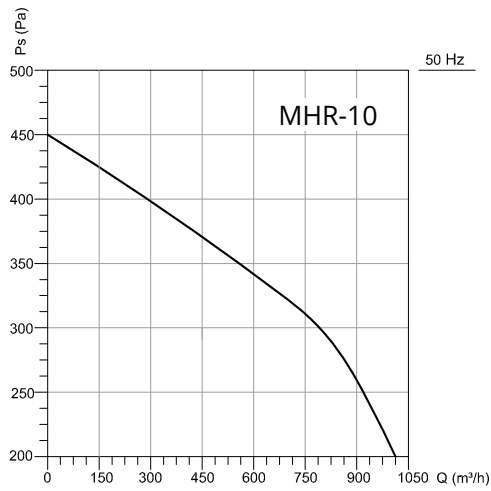
Values are for 0 Pa.



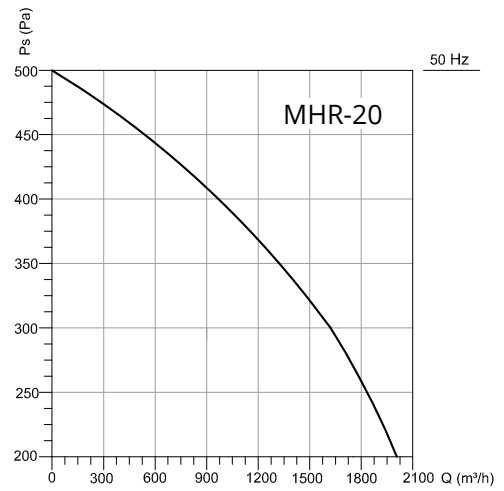
Model Type	A	B	C	D
MHR 10	967	760	320	250
MHR 20	1150	980	405	305
MHR 30	1540	1130	505	355
MHR 40	1650	1130	520	400
MHR 50	1850	1230	550	450



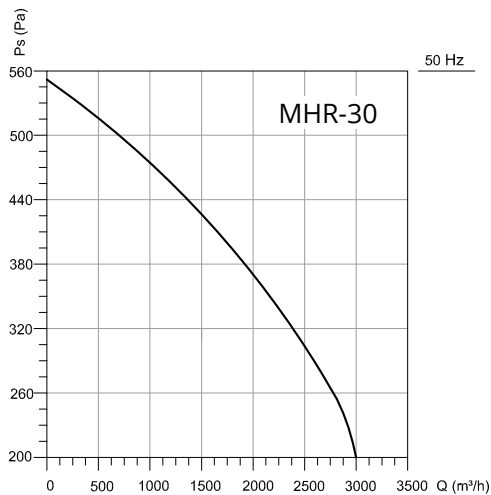
Pressure Curves



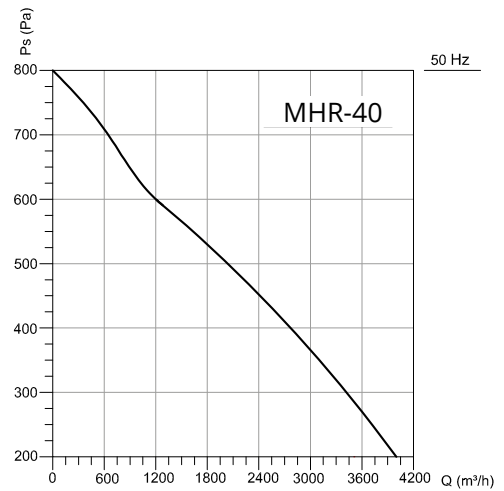
MHR-10



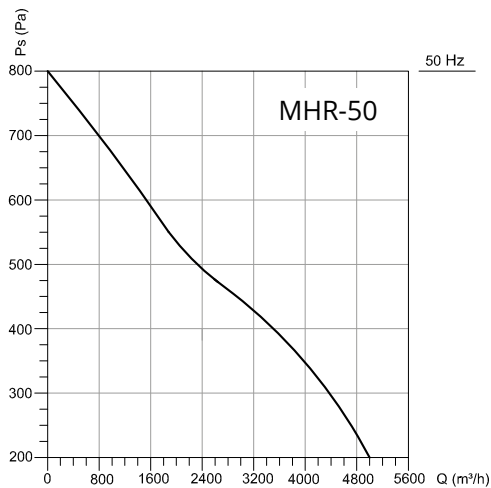
MHR-20



MHR-30



MHR-40



MHR-50





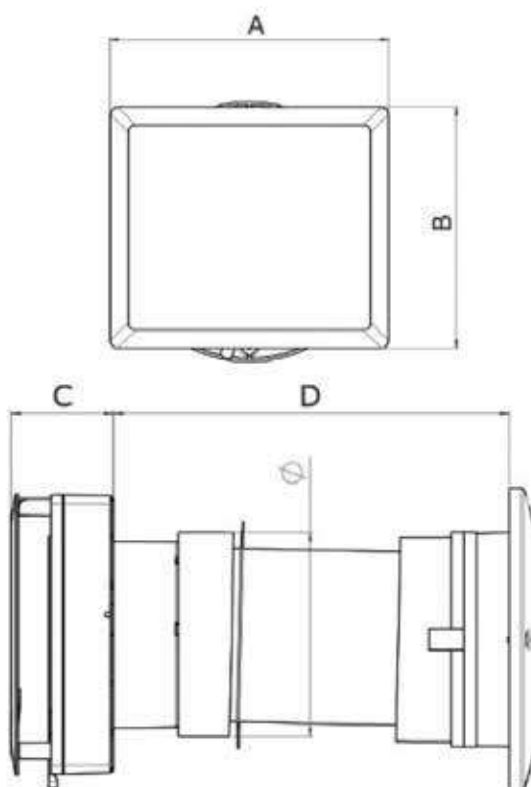
VORT HRW 40 MONO EVO

HEAT RECOVERY UNIT

Decentralized heat recovery unit, for installation in residential and commercial premises of new buildings or those subject to renovation for energy efficiency. Ideal, as well as to ensure proper air exchange, also to prevent excess humidity in the room and mold growth on the walls.

Technical Information

Model Type	Max m³/h	W	Voltage	Sound dB
VORT HRW 40 MONO EVO	40	5	220-240	31,8



Ø	A	B	C	D
146	231	200	73	283



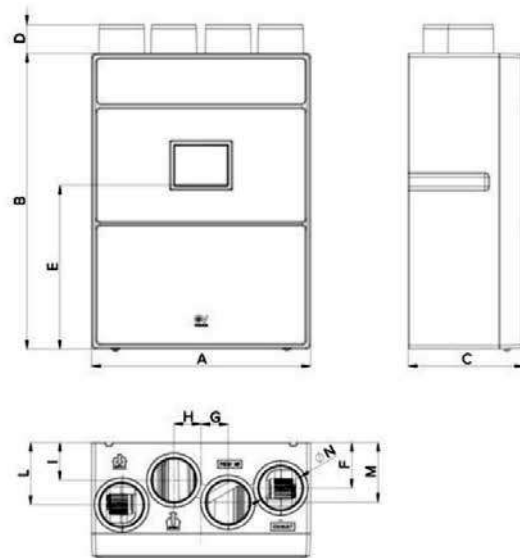
VORT HR 40 300 NETI

HEAT RECOVERY UNIT

Centralized ventilation unit with heat recovery function and compact size, designed to ensure that ideal ambient conditions are maintained in the rooms connected, while also minimizing energy consumption.

Technical Information

Model Type	Max m ³ /h	W	Protection Class	Voltage	Sound dB
VORT HR 40 300 NETI	300	190	X2	220	65



A	B	C	D	E	F
600	812	317	80	450	125

G	H	I	L	M	N
74	74	104	172	165	Ø125

SMOKE EXHAUST FANS





Smoke Exhaust Fans Models

MAX F300

MAX F400

MA-JF F300

MA-JF F400

MR-JF F300

MR-JF F400

MA-RH F300

MA-RH F400



MAX F300

AXIAL SMOKE EXHAUST FAN - F300 °C

MAX F300 Serie Smoke Exhaust fans are designed for immersed operation in fire risk zones. Suitable for usage in Industrial Building, Parking Lots, airports and tunnels. They are useful for the extraction of the smoke to allow for a safer and more Reliable evacuation method. The aerodynamically-shaped impellers made from aluminium alloy with flexible blade arrangements provide optimum efficiency. A variety of different blade/hub configurations enables high operating pressures. Suitable for operating temperatures of up to -20 / +55 °C continuous or once for 300 °C / 120 min.

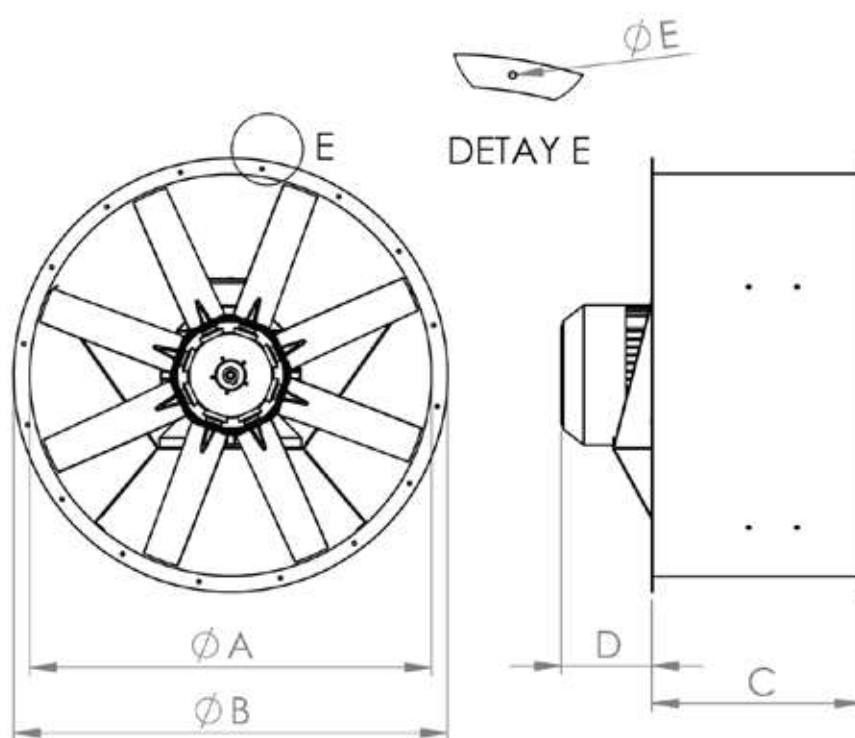
Technical Information

Model Type	A	B	C	D	E	N (Number of Holes)
MAX F300 450-5-25	450	530	320	50	11	8
MAX F300 500-5-25	500	580	320	70	11	8
MAX F300 560-5-25	560	640	320	60	11	12
MAX F300 630-5-30	630	710	420	45	11	12
MAX F300 710-5-30	710	790	420	25	11	12
MAX F300 800-5-30	800	880	420	50	11	16
MAX F300 800-5-35	800	880	420	50	11	16
MAX F300 900-5-35	900	980	520	0	11	16
MAX F300 900-5-40	900	980	520	35	11	16
MAX F300 1000-5-40	1000	1080	520	150	11	16
MAX F300 900-8-40	900	980	520	75	11	16
MAX F300 1000-8-40	1000	1080	520	180	11	16
MAX F300 1000-8-45	1000	1080	520	250	11	16
MAX F300 1120-8-40	1120	1200	520	250	11	16
MAX F300 1120-8-45	1120	1200	520	300	11	16

Values are for 0 Pa.

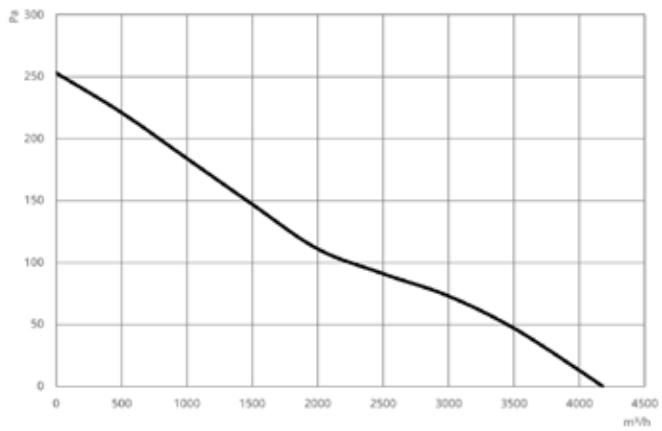


Technical Information

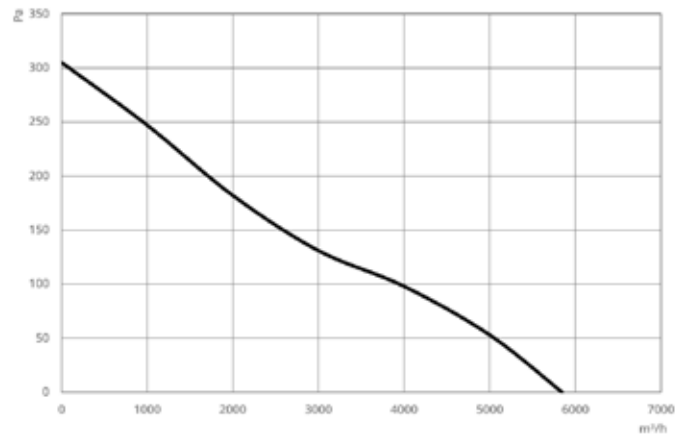


Model Type	Max m³/h	kW	rpm d/d	Hz	Voltage	Sound dB
MAX F300 450-5-25	4180	0,55	1456	50	380	69
MAX F300 500-5-25	5845	0,55	1453	50	380	72
MAX F300 560-5-25	8150	0,75	1466	50	380	75
MAX F300 630-5-30	13480	1,10	1465	50	380	80
MAX F300 710-5-30	19210	1,50	1472	50	380	83
MAX F300 800-5-30	25560	2,20	1459	50	380	85
MAX F300 800-5-35	30940	3,00	1463	50	380	89
MAX F300 900-5-35	39250	4,00	1471	50	380	90
MAX F300 900-5-40	44635	5,50	1472	50	380	93
MAX F300 1000-5-40	54570	7,50	1478	50	380	94
MAX F300 900-8-40	46200	11,00	1454	50	380	94
MAX F300 1000-8-40	62250	15,00	1456	50	380	97
MAX F300 1000-8-45	69070	18,50	1458	50	380	99
MAX F300 1120-8-40	86620	22,00	1471	50	380	100
MAX F300 1120-8-45	95270	30,00	1474	50	380	102

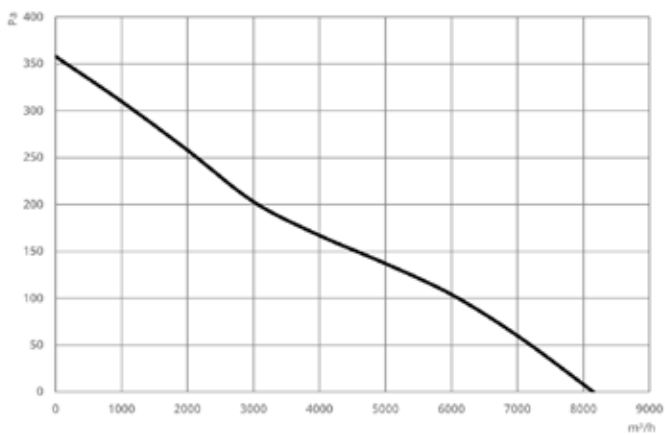
Pressure Curves



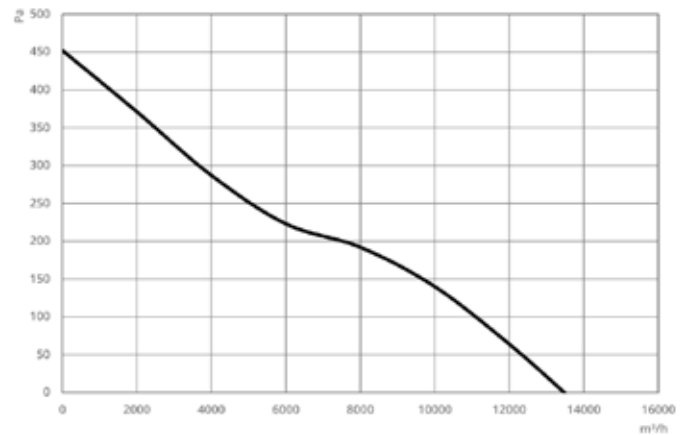
MAX F300 450-5-25



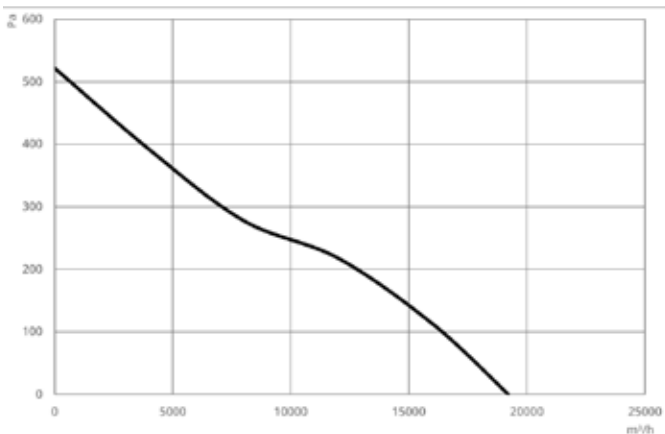
MAX F300 500-5-25



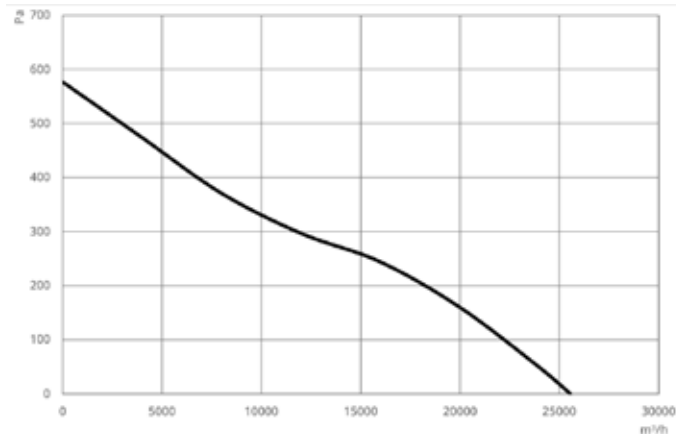
MAX F300 560-5-25



MAX F300 630-5-30



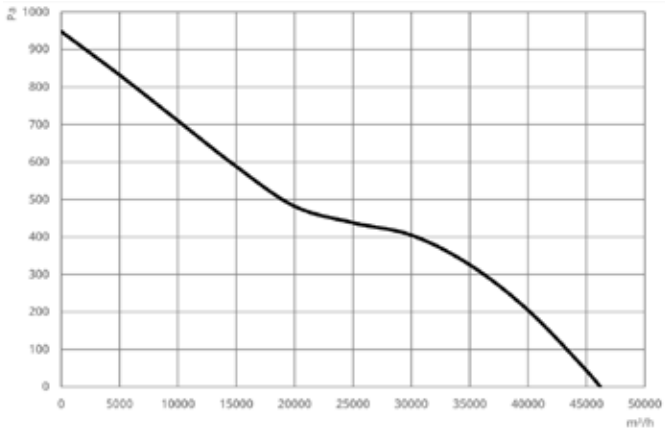
MAX F300 710-5-30



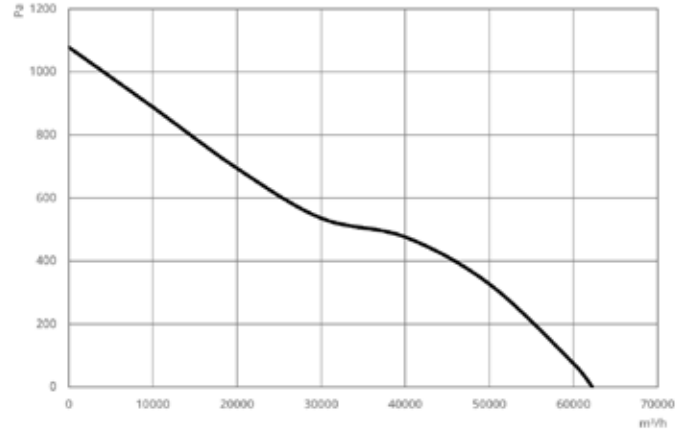
MAX F300 800-5-30



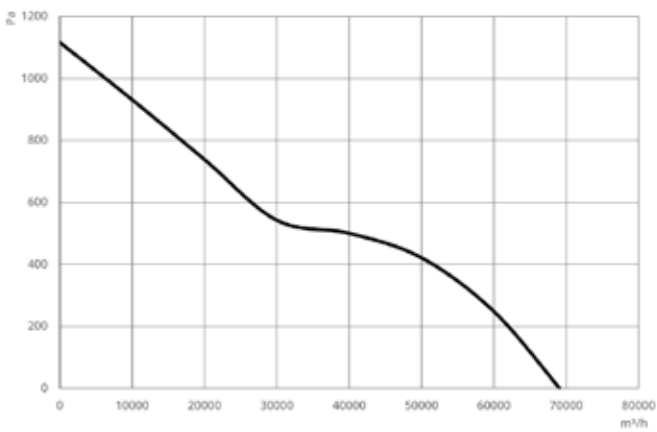
Pressure Curves



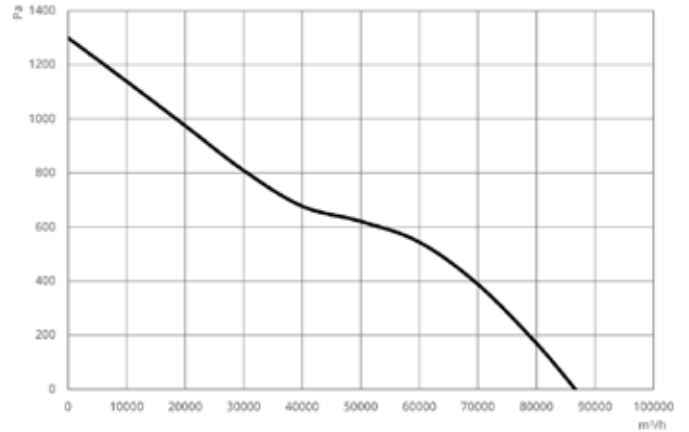
MAX F300 900-8-40



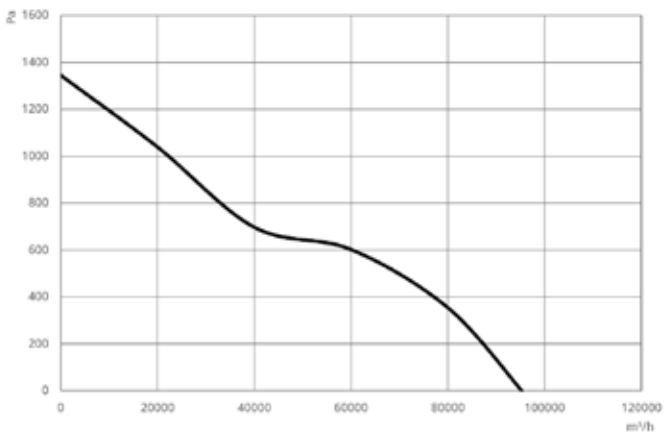
MAX F300 1000-8-40



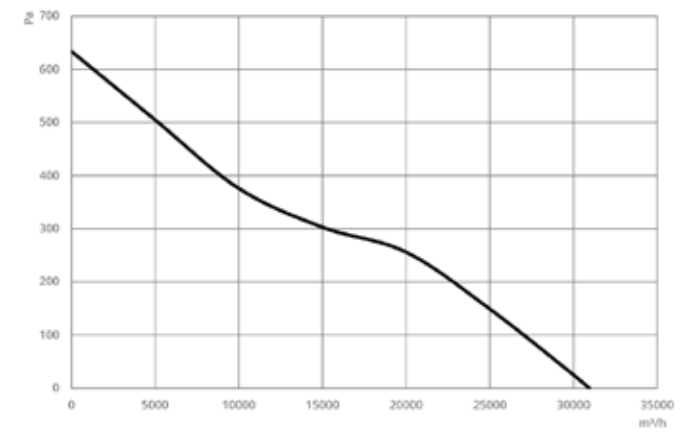
MAX F300 1000-8-45



MAX F300 1120-8-40

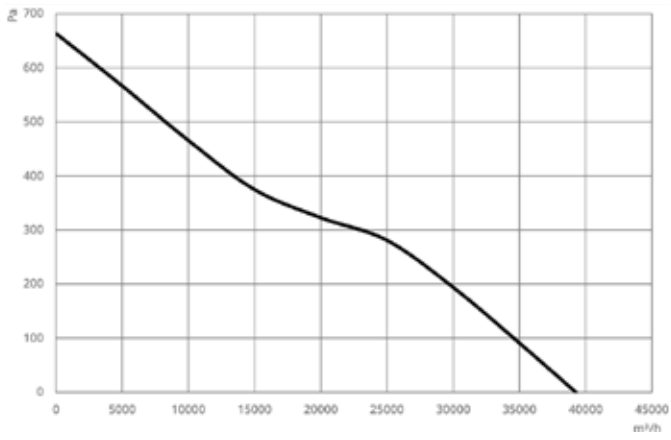


MAX F300 1120-8-45

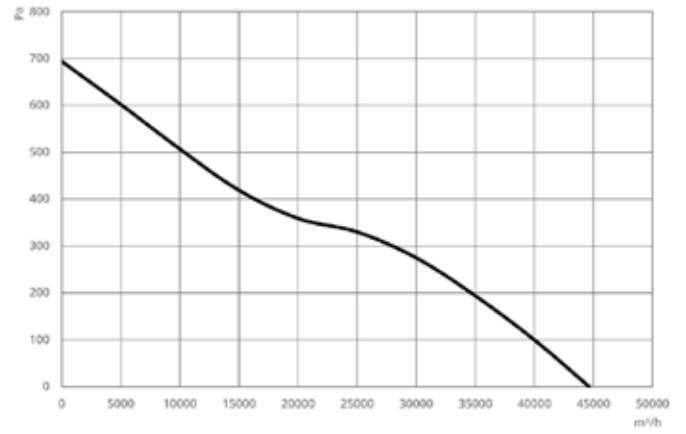


MAX F300 800-5-35

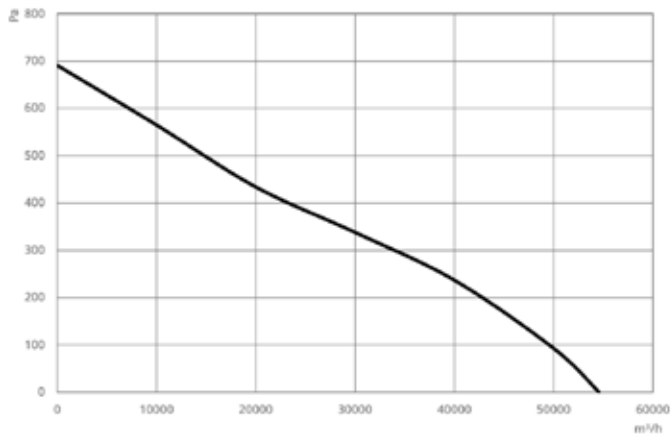
Pressure Curves



MAX F300 900-5-35



MAX F300 900-5-40



MAX F300 1000-5-40



MAX F400

AXIAL SMOKE EXHAUST FAN - F400 °C

MAX F400 Serie Smoke Exhaust fans are designed for immersed operation in fire risk zones. Suitable for usage in Industrial Building, Parking Lots, airports and tunnels. They are useful for the extraction of the smoke to allow for a safer and more Reliable evacuation method. The aerodynamically-shaped impellers made from aluminium alloy with flexible blade arrangements provide optimum efficiency. A variety of different blade/hub configurations enables high operating pressures. Suitable for operating temperatures of up to -20 / +55 °C continuous or once for 400 °C / 60 min.

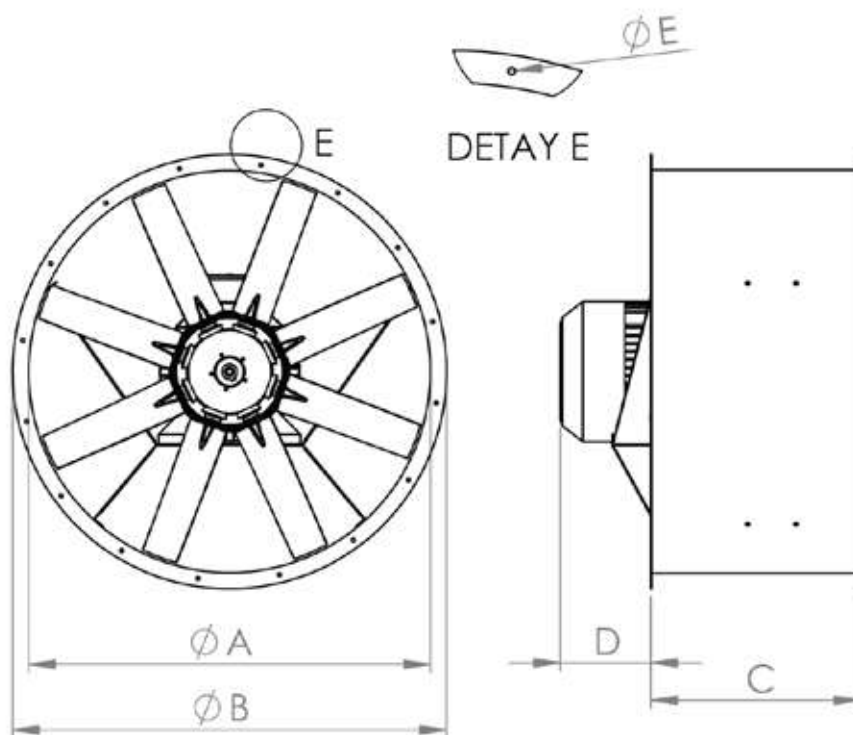
Technical Information

Model Type	Max m³/h	kW	rpm d/d	Hz	Voltage	Sound dB
MAX F400 450-5-25	4180	0,55	1456	50	380	69
MAX F400 500-5-25	5845	0,55	1453	50	380	72
MAX F400 560-5-25	8150	0,75	1466	50	380	75
MAX F400 630-5-30	13480	1,10	1465	50	380	80
MAX F400 710-5-30	19210	1,50	1472	50	380	83
MAX F400 800-5-30	25560	2,20	1459	50	380	85
MAX F400 800-5-35	30940	3,00	1463	50	380	89
MAX F400 900-5-35	39250	4,00	1471	50	380	90
MAX F400 900-5-40	44635	5,50	1472	50	380	93
MAX F400 1000-5-40	54570	7,50	1478	50	380	94
MAX F400 900-8-40	46200	11,00	1454	50	380	94
MAX F400 1000-8-40	62250	15,00	1456	50	380	97
MAX F400 1000-8-45	69070	18,50	1458	50	380	99
MAX F400 1120-8-40	86620	22,00	1471	50	380	100
MAX F400 1120-8-45	95270	30,00	1474	50	380	102

Values are for 0 Pa.

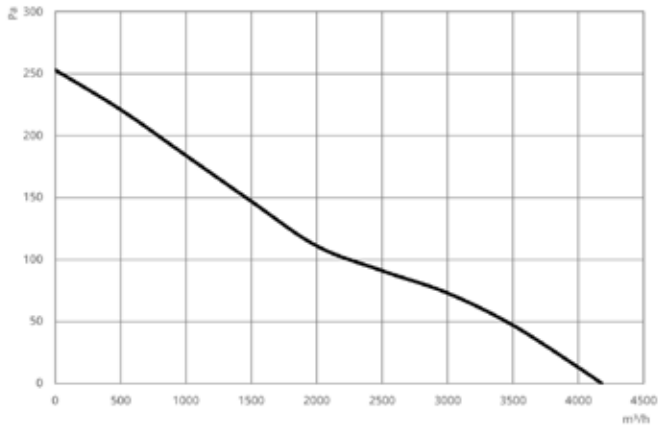


Technical Information

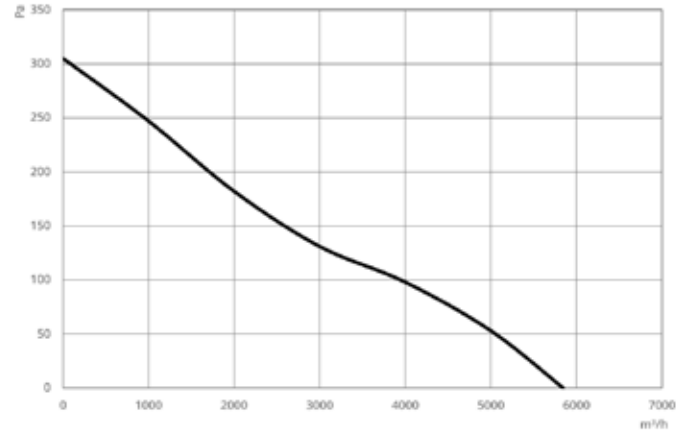


Model Type	A	B	C	D	E	N (Number of Holes)
MAX F400 450-5-25	450	530	320	50	11	8
MAX F400 500-5-25	500	580	320	70	11	8
MAX F400 560-5-25	560	640	320	60	11	12
MAX F400 630-5-30	630	710	420	45	11	12
MAX F400 710-5-30	710	790	420	25	11	12
MAX F400 800-5-30	800	880	420	50	11	16
MAX F400 800-5-35	800	880	420	50	11	16
MAX F400 900-5-35	900	980	520	0	11	16
MAX F400 900-5-40	900	980	520	35	11	16
MAX F400 1000-5-40	1000	1080	520	150	11	16
MAX F400 900-8-40	900	980	520	75	11	16
MAX F400 1000-8-40	1000	1080	520	180	11	16
MAX F400 1000-8-45	1000	1080	520	250	11	16
MAX F400 1120-8-40	1120	1200	520	250	11	16
MAX F400 1120-8-45	1120	1200	520	300	11	16

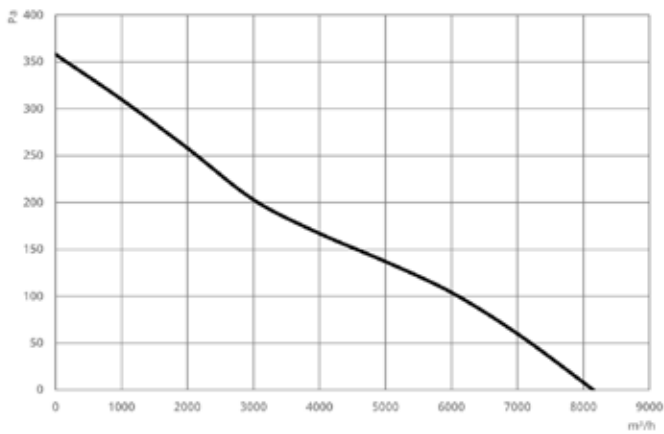
Pressure Curves



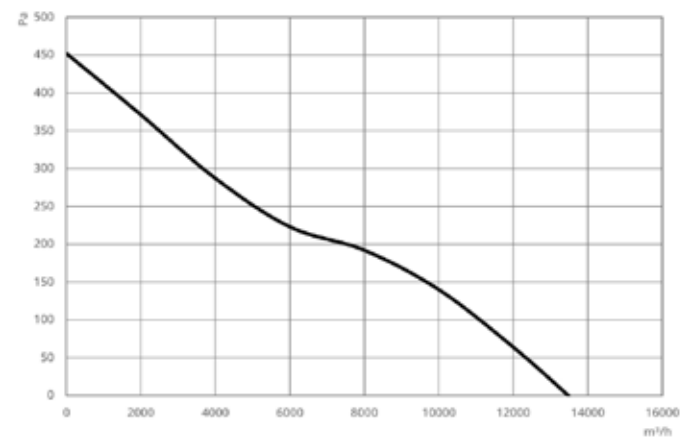
MAX F400 450-5-25



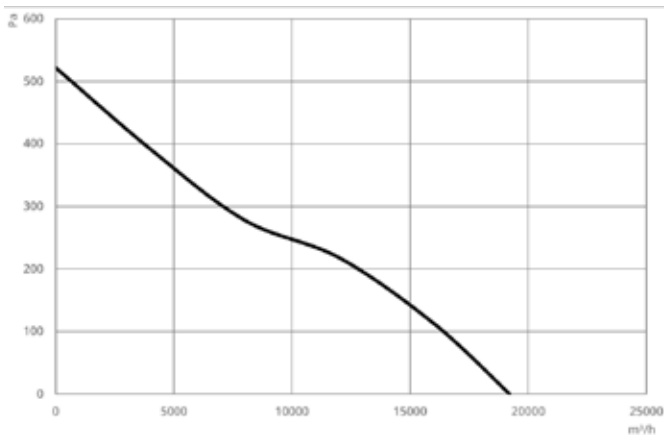
MAX F400 500-5-25



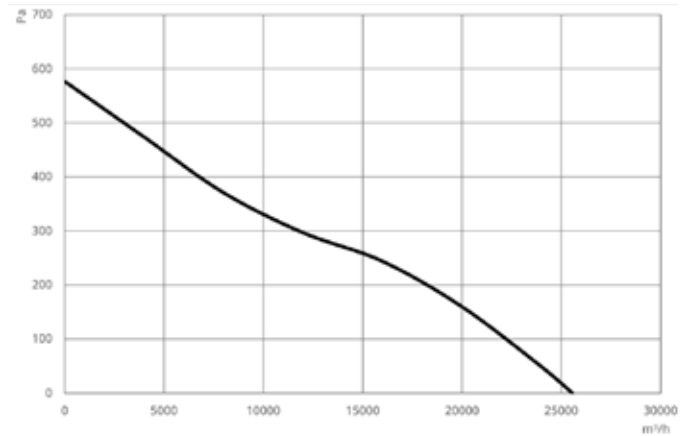
MAX F400 560-5-25



MAX F400 630-5-30



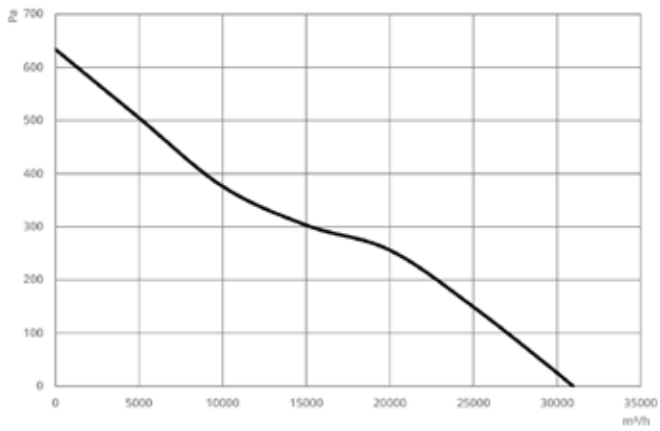
MAX F400 710-5-30



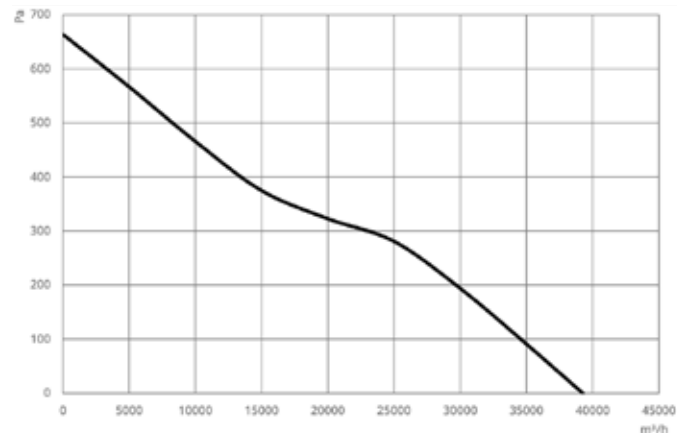
MAX F400 800-5-30



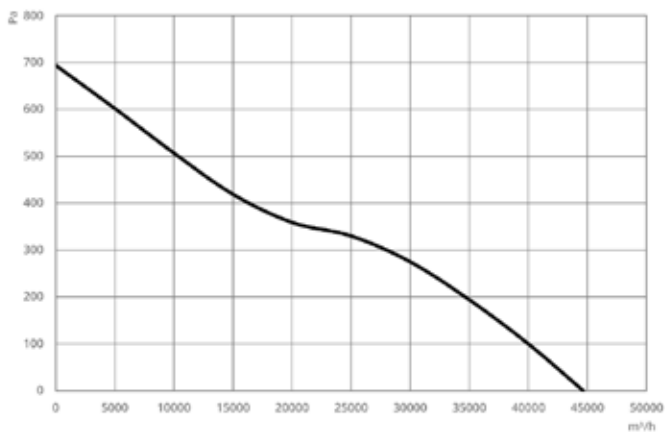
Pressure Curves



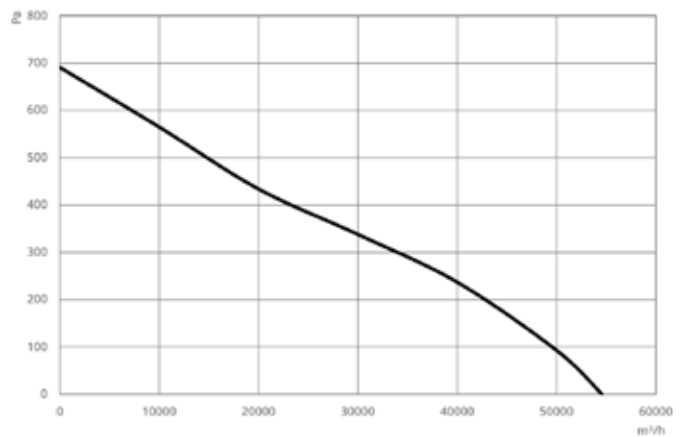
MAX F400 800-5-35



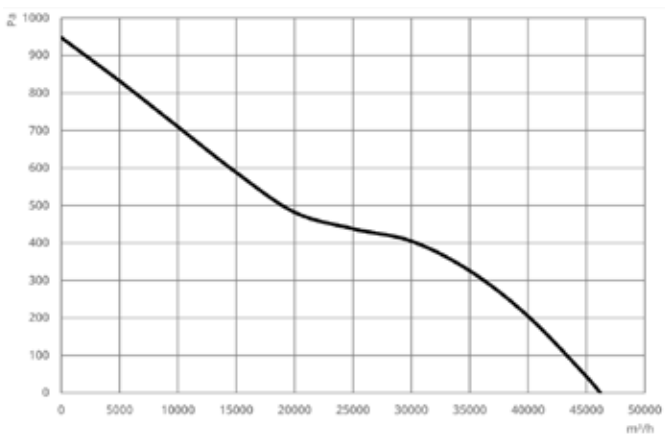
MAX F400 900-5-35



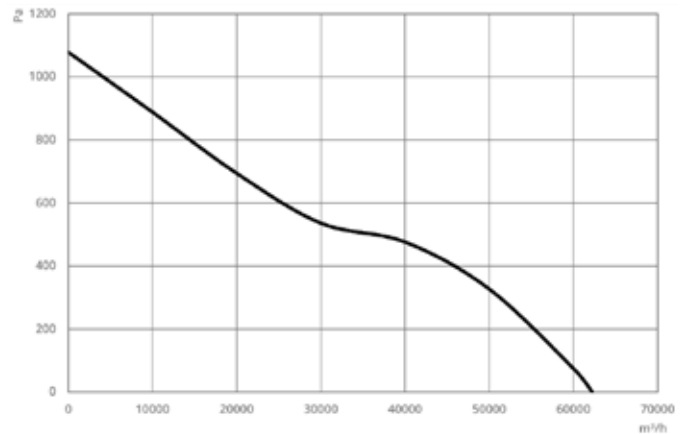
MAX F400 900-5-40



MAX F400 1000-5-40

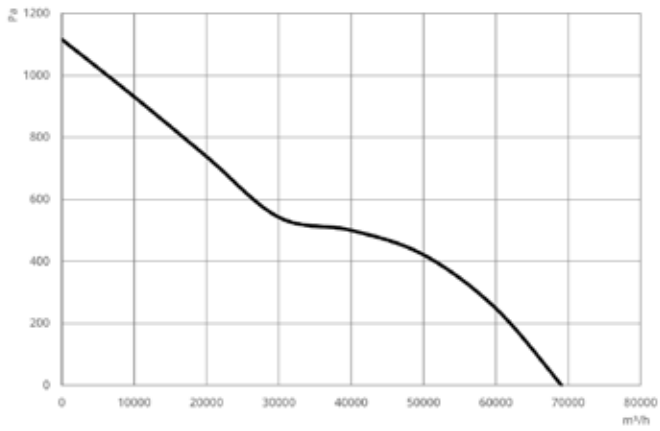


MAX F400 900-8-40

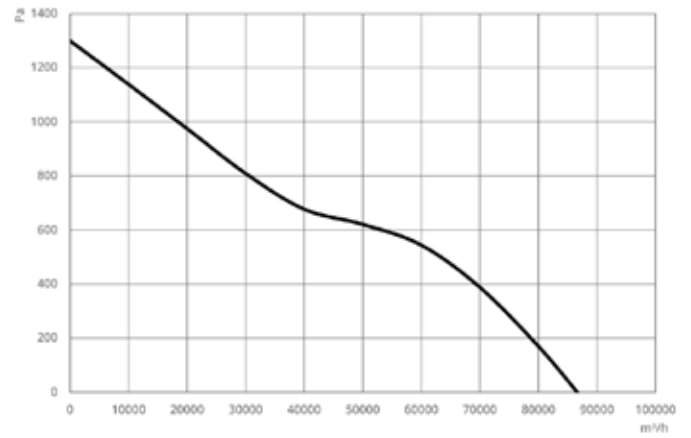


MAX F400 1000-8-40

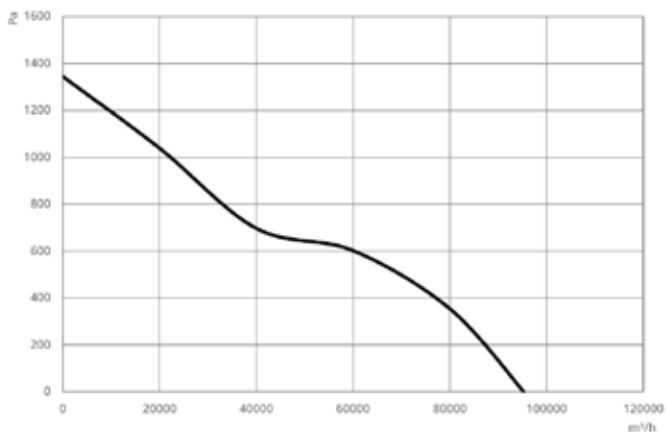
Pressure Curves



MAX F400 1000-8-45



MAX F400 1120-8-40



MAX F400 1120-8-45



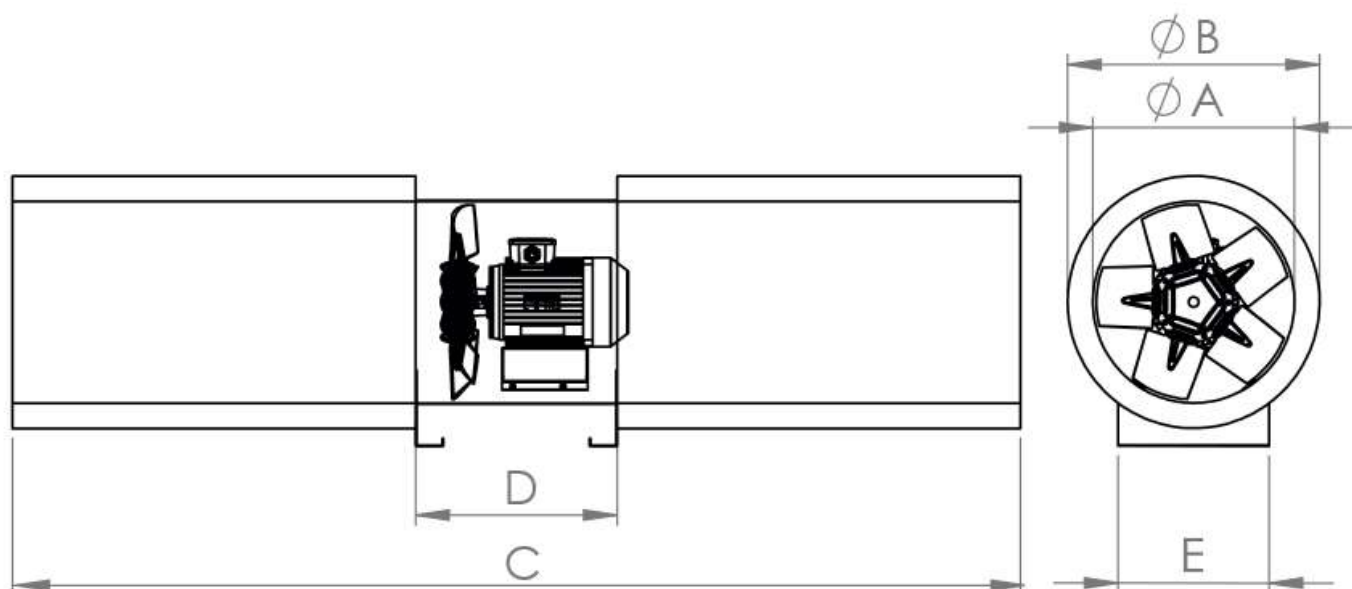
MA-JF F300

AXIAL JET FAN - F300 °C

MA-JF F300 Serie Axial Jet Fans are designed for underground carpark ventilation system solutions with lower investment and operational costs. Suitable for operating temperatures of up to -20 / +55 °C continuous or once for 300 °C / 120 min.

Technical Information

Model Type	Max m³/h	kW	rpm d/d	Air Speed (m/s)	Thrust Force (N)	Sound dB
MA-JF F300 315	2320 - 4640	0,20 - 0,80	1450 - 2900	8,3 - 16,6	6 - 24	71 - 85
MA-JF F300 355	3360 - 6720	0,37 - 1,50	1450 - 2900	9,4 - 18,8	10 - 40	74 - 87
MA-JF F300 400	4835 - 9670	0,50 - 2,20	1450 - 2900	10,7 - 21,4	17 - 68	76 - 90
MA-JF F300 450	6745 - 13490	0,80 - 3,10	1450 - 2900	11,8 - 23,6	26 - 104	79 - 93
MA-JF F300 500	8950 - 17900	1,10 - 4,40	1450 - 2900	12,7 - 25,4	38 - 152	81 - 95



Model Type	A	B	C	D	E
MA-JF F300 315	315	415	2000	400	300
MA-JF F300 355	355	455	2000	400	330
MA-JF F300 400	400	500	2000	400	350
MA-JF F300 450	450	550	2000	400	450
MA-JF F300 500	500	600	2000	400	450



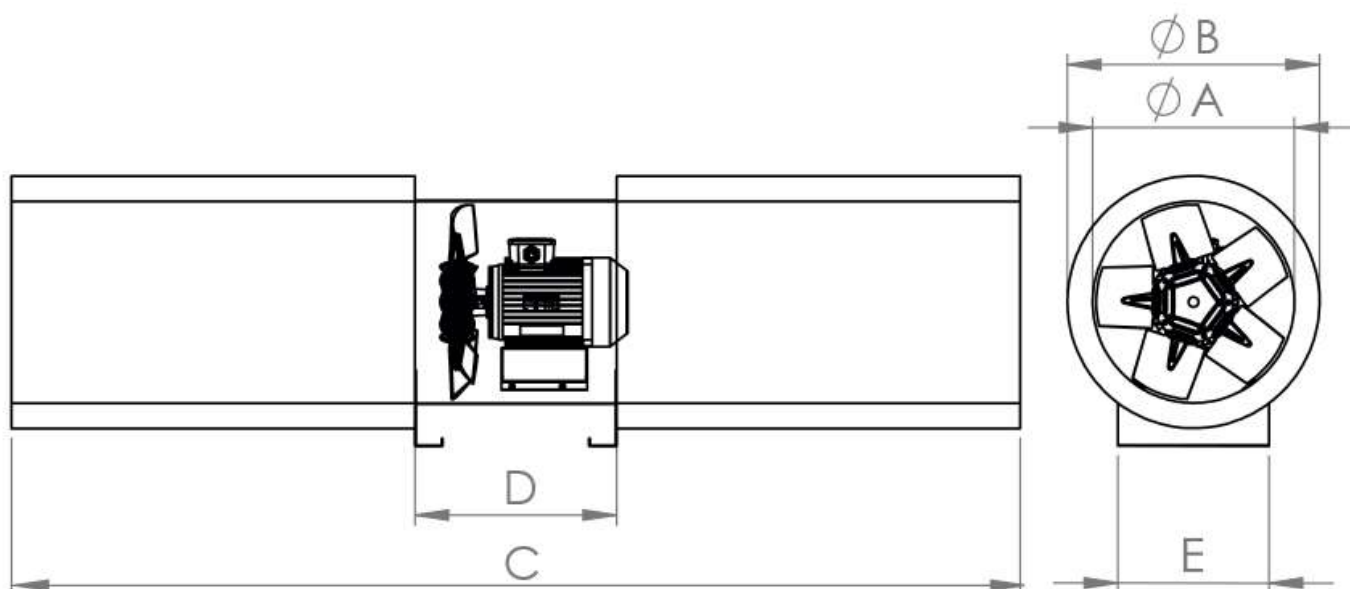
MA-JF F400

AXIAL JET FAN - F400 °C

MA-JF F400 Serie Axial Jet Fans are designed for underground carpark ventilation system solutions with lower investment and operational costs. Suitable for operating temperatures of up to -20 / +55 °C continuous or once for 400 °C / 120 min.

Technical Information

Model Type	Max m³/h	kW	rpm d/d	Air Speed (m/s)	Thrust Force (N)	Sound dB
MA-JF F400 315	2320 - 4640	0,20 - 0,80	1450 - 2900	8,3 - 16,6	6 - 24	71 - 85
MA-JF F400 355	3360 - 6720	0,37 - 1,50	1450 - 2900	9,4 - 18,8	10 - 40	74 - 87
MA-JF F400 400	4835 - 9670	0,50 - 2,20	1450 - 2900	10,7 - 21,4	17 - 68	76 - 90
MA-JF F400 450	6745 - 13490	0,80 - 3,10	1450 - 2900	11,8 - 23,6	26 - 104	79 - 93
MA-JF F400 500	8950 - 17900	1,10 - 4,40	1450 - 2900	12,7 - 25,4	38 - 152	81 - 95



Model Type	A	B	C	D	E
MA-JF F400 315	315	415	2000	400	300
MA-JF F400 355	355	455	2000	400	330
MA-JF F400 400	400	500	2000	400	350
MA-JF F400 450	450	550	2000	400	450
MA-JF F400 500	500	600	2000	400	450



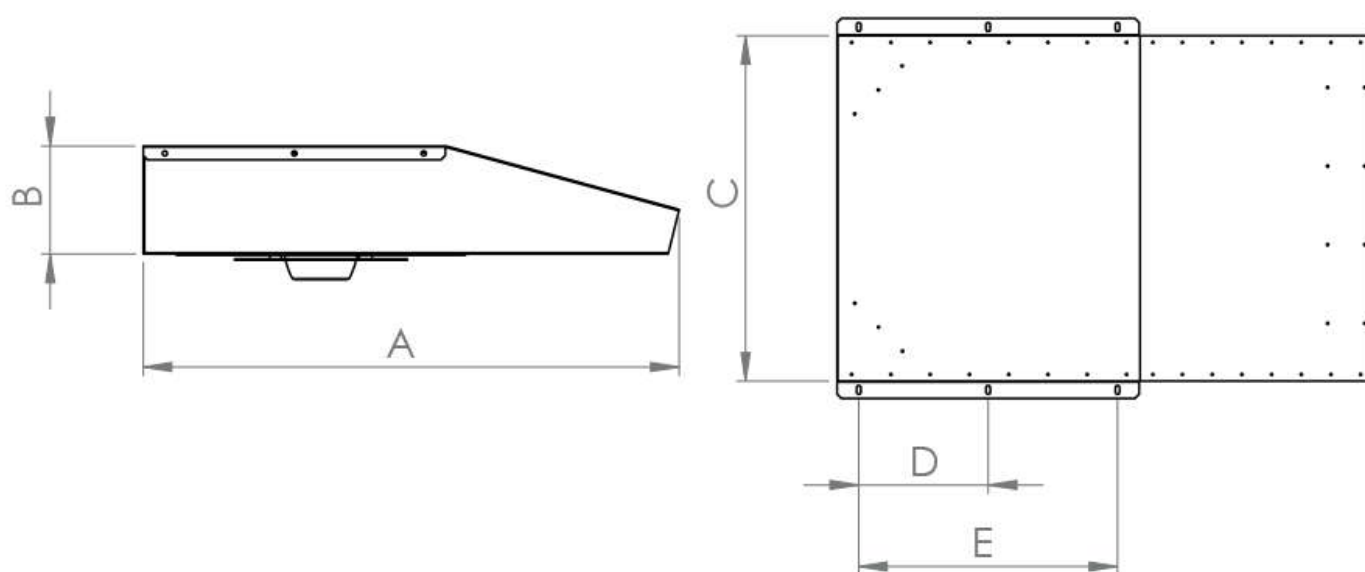
MR-JF F300

RADIAL JET FAN - F300 °C

MA-JF F300 Serie Axial Jet Fans are designed for underground carpark ventilation system solutions with lower investment and operational costs. Suitable for operating temperatures of up to -20 / +55 °C continuous or once for 300 °C / 120 min.

Technical Information

Model Type	Max m³/h	kW	rpm d/d	Air Speed (m/s)	Thrust Force (N)	Sound dB
MR-JF F300 50	2850 - 5760	0,30 - 1,20	750 - 1500	10,0 - 20,0	13 - 50	38 - 54
MR-JF F300 70	3500 - 7009	0,55 - 2,20	750 - 1500	12,2 - 24,4	19 - 70	43 - 58
MR-JF F300 90	3800 - 7641	0,55 - 2,20	750 - 1500	13,3 - 26,6	25 - 90	46 - 62



Model Type	A	B	C	D	E
MR-JF F300 50	1215	250	800	300	600
MR-JF F300 70	1300	300	840	300	600
MR-JF F300 90	1300	300	840	300	600



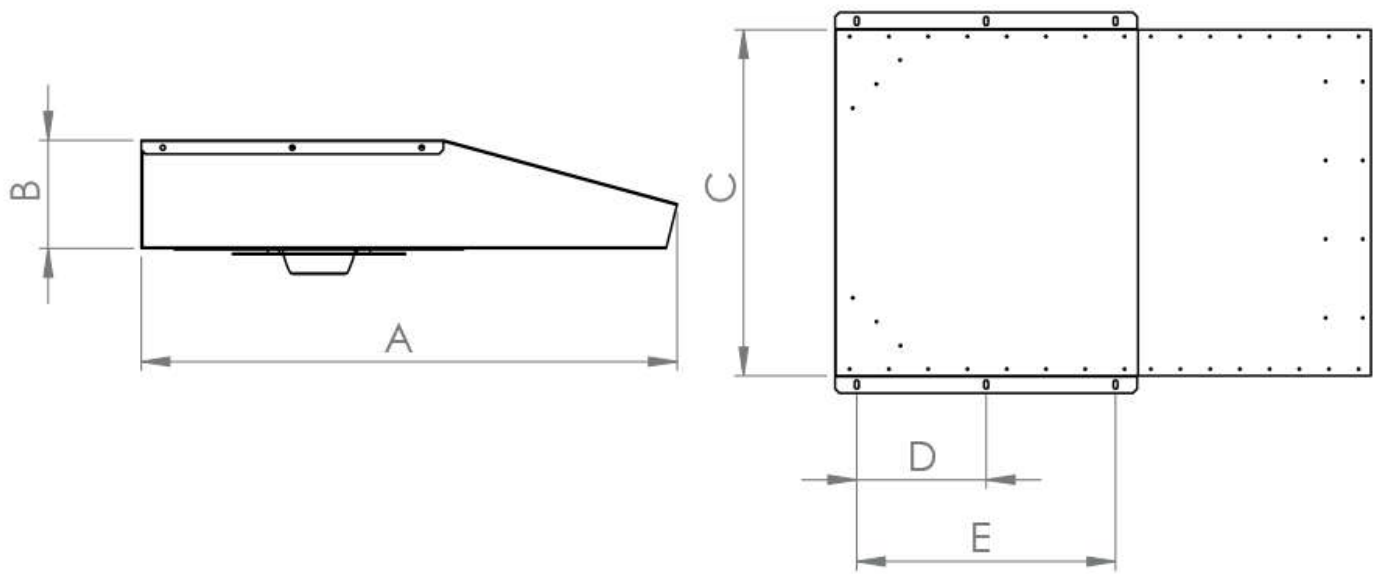
MR-JF F400

RADIAL JET FAN - F400 °C

MR-JF F400 Serie Radial Jet Fans are designed for underground carpark ventilation system solutions with lower investment and operational costs. Suitable for operating temperatures of up to -20 / +55 °C continuous or once for 400 °C / 120 min.

Technical Information

Model Type	Max m³/h	kW	rpm d/d	Air Speed (m/s)	Thrust Force (N)	Sound dB
MR-JF F400 50	2850 - 5760	0,30 - 1,20	750 - 1500	10,0 - 20,0	13 - 50	38 - 54
MR-JF F400 70	3500 - 7009	0,55 - 2,20	750 - 1500	12,2 - 24,4	19 - 70	43 - 58
MR-JF F400 90	3800 - 7641	0,55 - 2,20	750 - 1500	13,3 - 26,6	25 - 90	46 - 62



Model Type	A	B	C	D	E
MR-JF F400 50	1215	250	800	300	600
MR-JF F400 70	1300	300	840	300	600
MR-JF F400 90	1300	300	840	300	600



MA-RH F300

ROOF MOUNTED SMOKE EXHAUST FAN - F300 °C

MA-RH F300 Serie Axial roof fans with horizontal air outlet are used in case of fire to extract smoke gases and also during normal working conditions for standard ventilation. Suitable for operating temperatures of up to -20 / +55 °C continuous or once for 300 °C / 120 min. All frame material galvanized sheet material and aerodynamically-shaped impellers made from aluminium alloy.

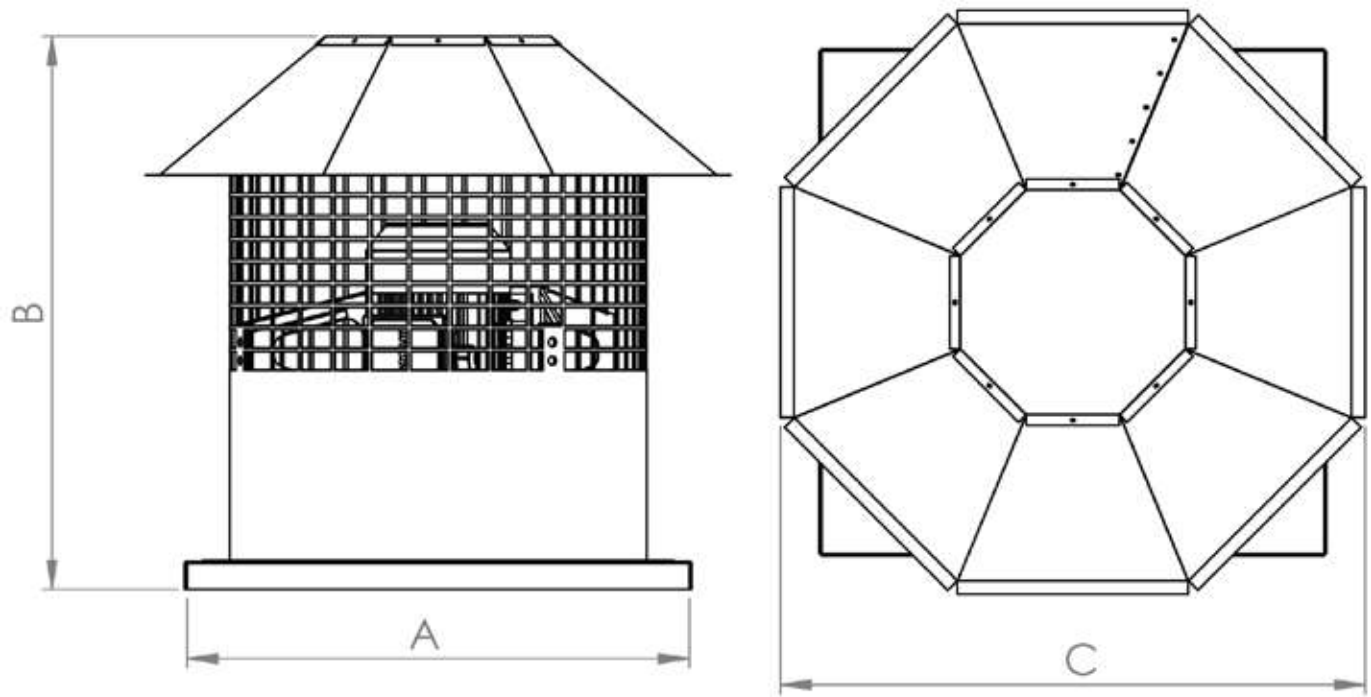
Technical Information

Model Type	Max m ³ /h	kW	rpm d/d	Hz	Voltage	Seound dB
MA-RH F300 450-5-25	2200	0,55	1456	50	380	69
MA-RH F300 500-5-25	3950	0,55	1453	50	380	72
MA-RH F300 560-5-25	6100	0,75	1466	50	380	75
MA-RH F300 630-5-30	11000	1,10	1465	50	380	80
MA-RH F300 710-5-30	17000	1,50	1472	50	380	83
MA-RH F300 800-5-30	22250	2,20	1459	50	380	85
MA-RH F300 800-5-35	26940	3,00	1463	50	380	89
MA-RH F300 900-5-35	34150	4,00	1471	50	380	90
MA-RH F300 900-5-40	40000	5,50	1472	50	380	93
MA-RH F300 1000-5-40	49570	7,50	1478	50	380	94
MA-RH F300 900-8-40	43200	11,00	1454	50	380	94
MA-RH F300 1000-8-40	58850	15,00	1456	50	380	97
MA-RH F300 1000-8-45	66070	18,50	1458	50	380	99
MA-RH F300 1120-8-40	84620	22,00	1471	50	380	100
MA-RH F300 1120-8-45	92270	30,00	1474	50	380	102

Values are for 0 Pa.

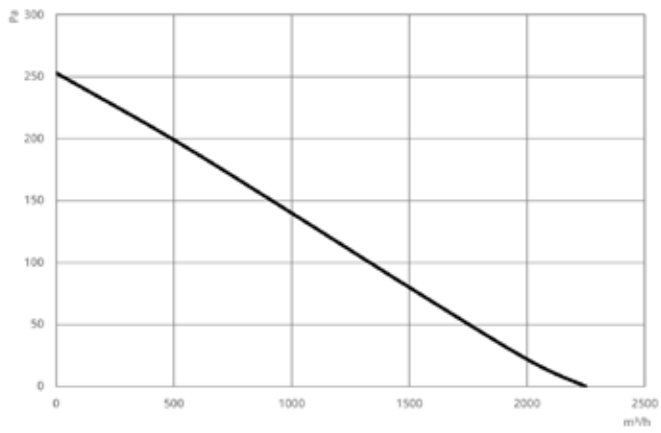


Technical Information

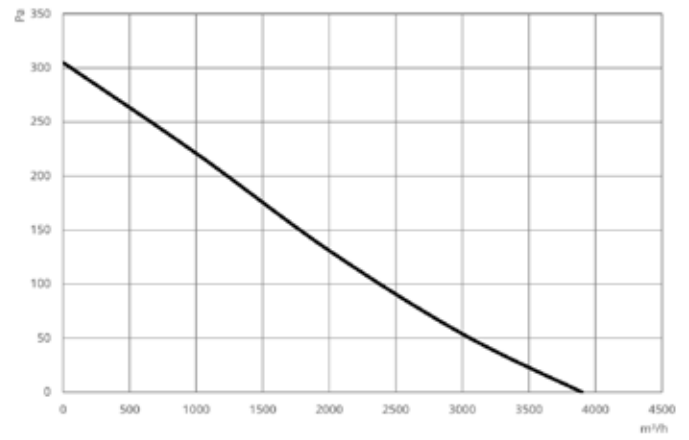


Model Type	A	B	C
MA-RH F300 450	550	800	640
MA-RH F300 500	600	800	700
MA-RH F300 560	650	800	760
MA-RH F300 630	750	850	850
MA-RH F300 710	850	850	950
MA-RH F300 800	950	850	1070
MA-RH F300 900	1050	1200	1140
MA-RH F300 1000	1150	1200	1240
MA-RH F300 1120	1250	1550	1390

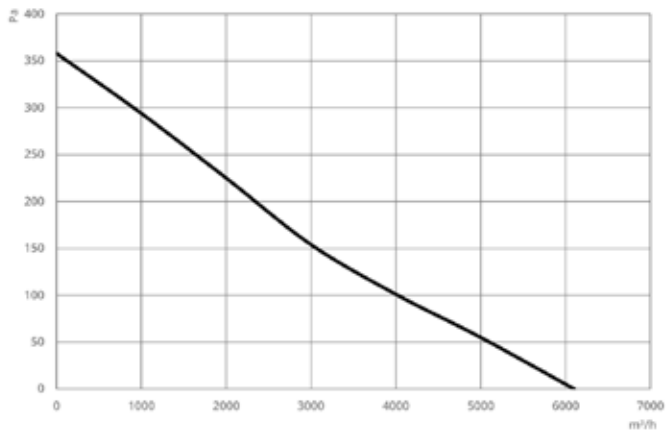
Pressure Curves



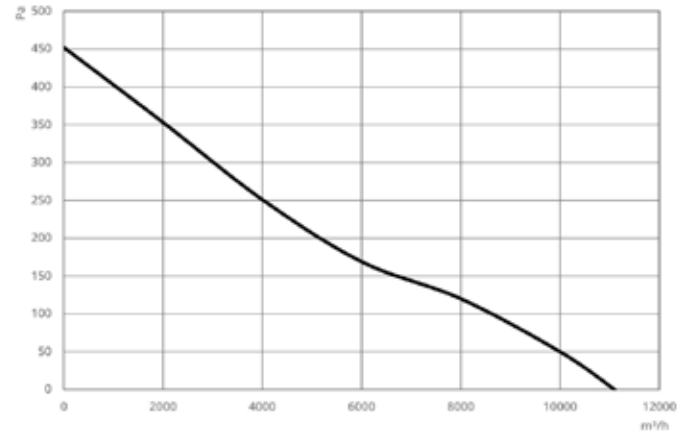
MA-RH F300 450-5-25



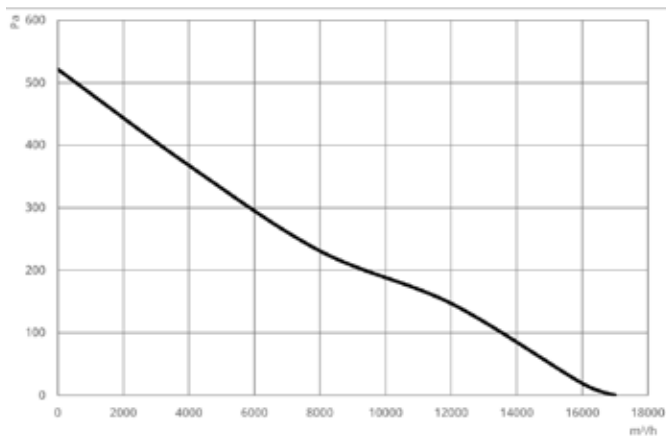
MA-RH F300 500-5-25



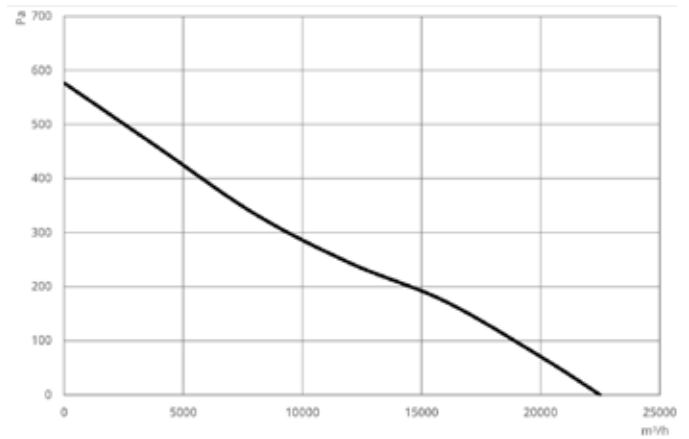
MA-RH F300 560-5-25



MA-RH F300 630-5-30



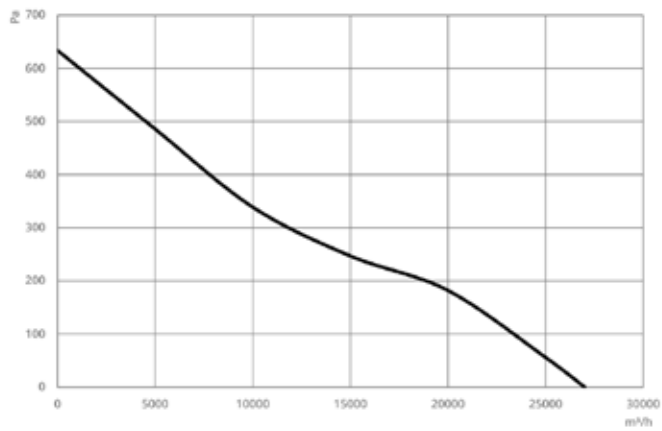
MA-RH F300 710-5-30



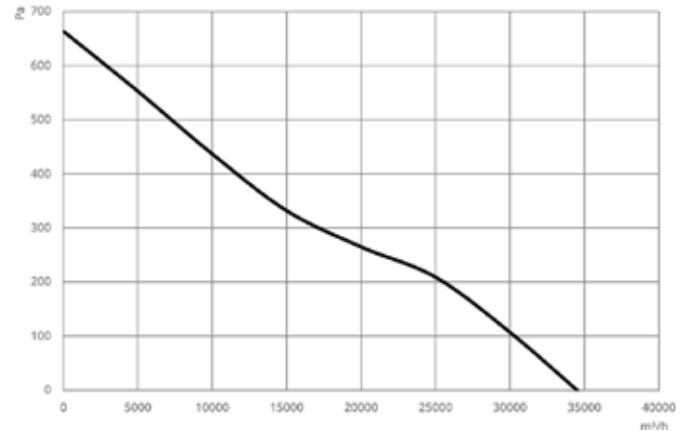
MA-RH F300 800-5-30



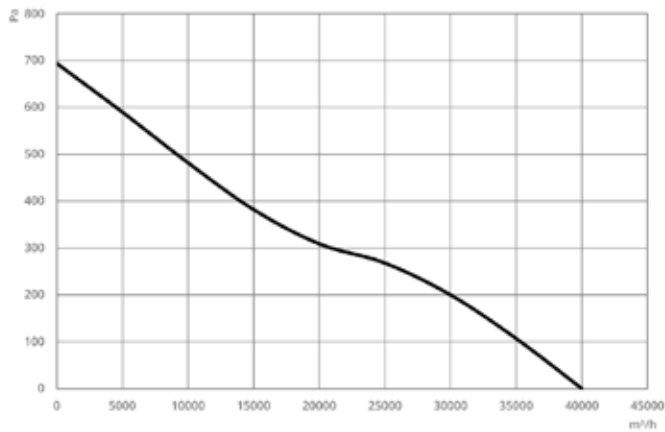
Pressure Curves



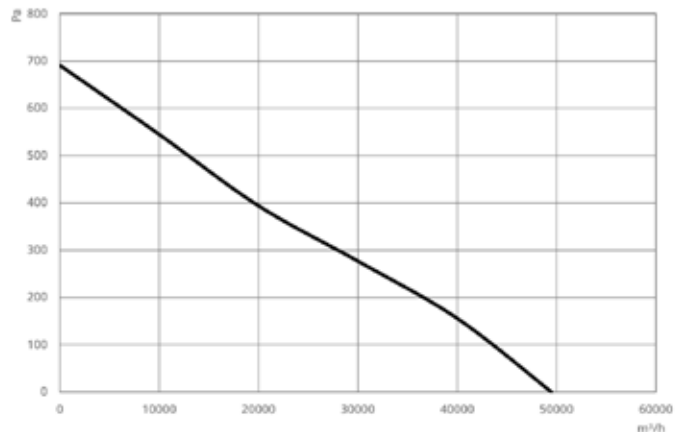
MA-RH F300 800-5-35



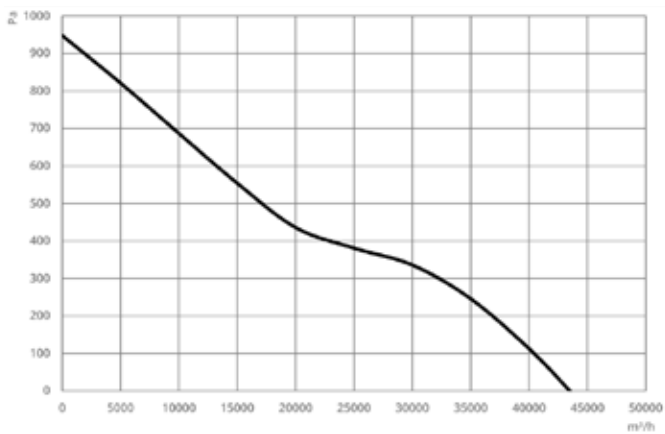
MA-RH F300 900-5-35



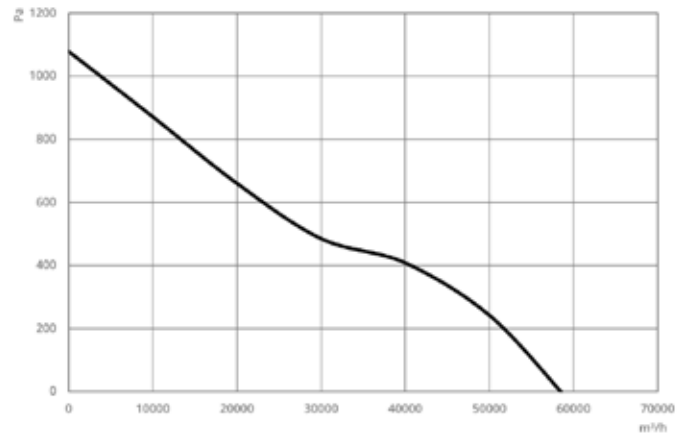
MA-RH F300 900-5-40



MA-RH F300 1000-5-40

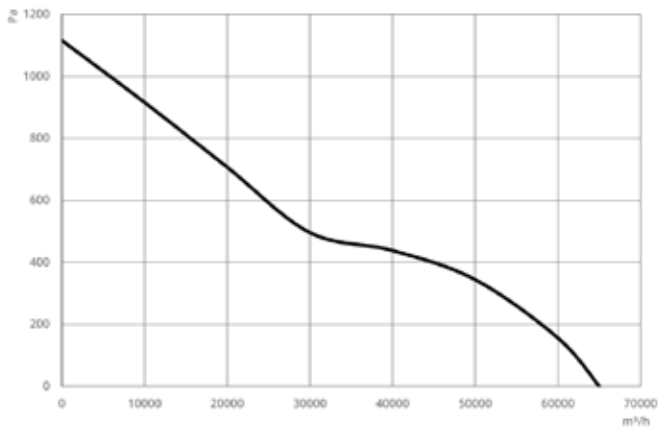


MA-RH F300 900-8-40

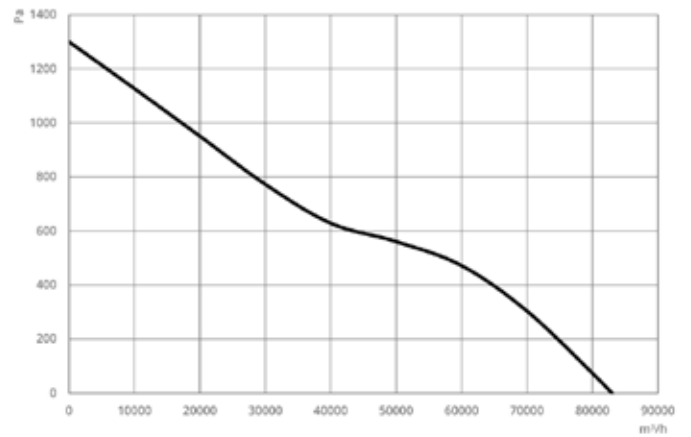


MA-RH F300 1000-8-40

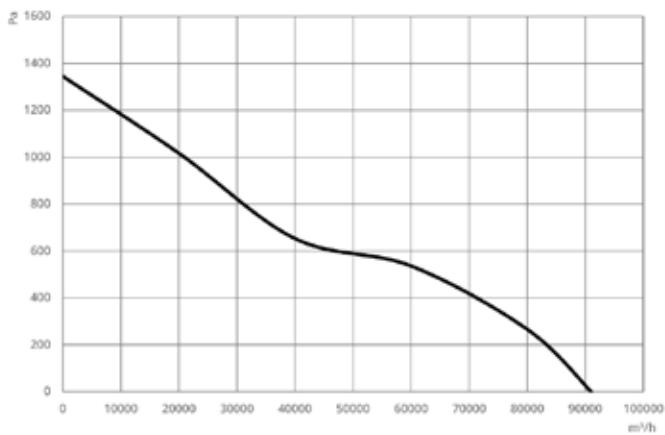
Pressure Curves



MA-RH F300 1000-8-45



MA-RH F300 1120-8-40



MA-RH F300 1120-8-45



MA-RH F400

ROOF MOUNTED SMOKE EXHAUST FAN - F400 °C

MA-RH F400 Serie Axial roof fans with horizontal air outlet are used in case of fire to extract smoke gases and also during normal working conditions for standard ventilation. Suitable for operating temperatures of up to -20 / +55 °C continuous or once for 400 °C / 60 min. All frame material galvanized sheet material and aerodynamically-shaped impellers made from aluminium alloy.

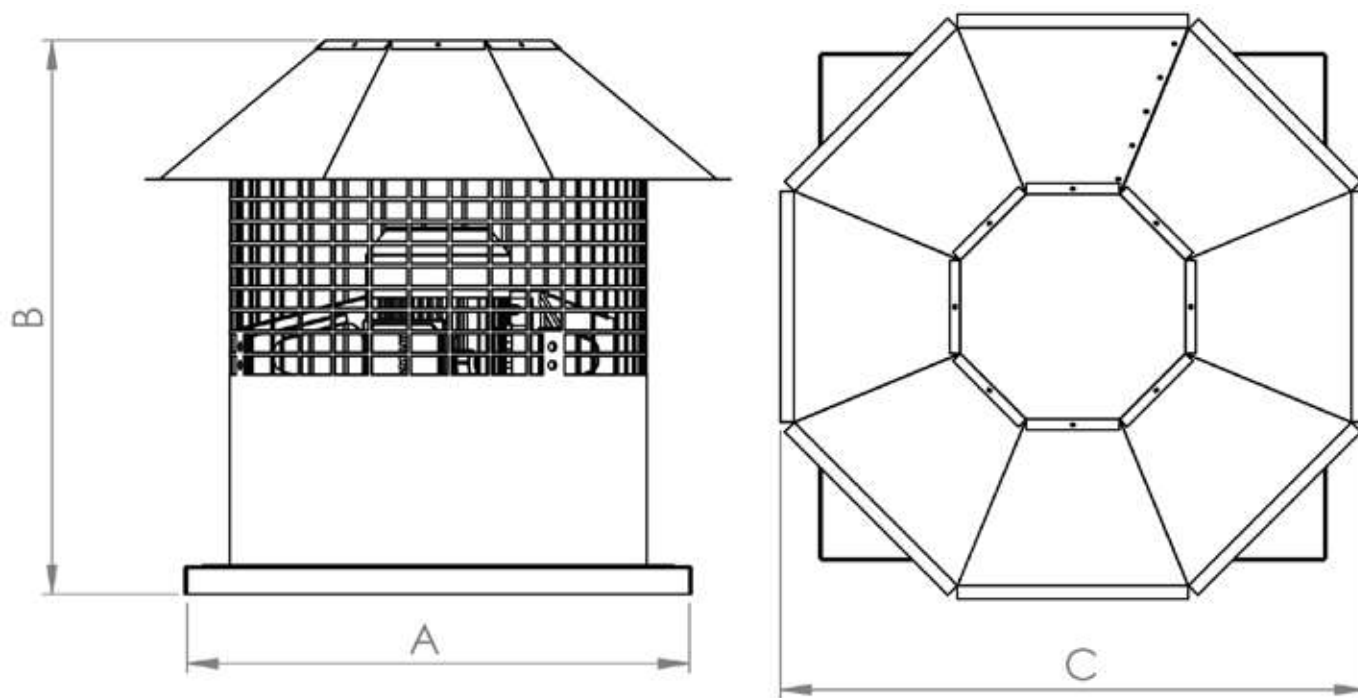
Technical Information

Model Type	Max m³/h	kW	rpm d/d	Hz	Voltage	Seound dB
MA-RH F400 450-5-25	2200	0,55	1456	50	380	69
MA-RH F400 500-5-25	3950	0,55	1453	50	380	72
MA-RH F400 560-5-25	6100	0,75	1466	50	380	75
MA-RH F400 630-5-30	11000	1,10	1465	50	380	80
MA-RH F400 710-5-30	17000	1,50	1472	50	380	83
MA-RH F400 800-5-30	22250	2,20	1459	50	380	85
MA-RH F400 800-5-35	26940	3,00	1463	50	380	89
MA-RH F400 900-5-35	34150	4,00	1471	50	380	90
MA-RH F400 900-5-40	40000	5,50	1472	50	380	93
MA-RH F400 1000-5-40	49570	7,50	1478	50	380	94
MA-RH F400 900-8-40	43200	11,00	1454	50	380	94
MA-RH F400 1000-8-40	58850	15,00	1456	50	380	97
MA-RH F400 1000-8-45	66070	18,50	1458	50	380	99
MA-RH F400 1120-8-40	84620	22,00	1471	50	380	100
MA-RH F400 1120-8-45	92270	30,00	1474	50	380	102

Values are for 0 Pa.

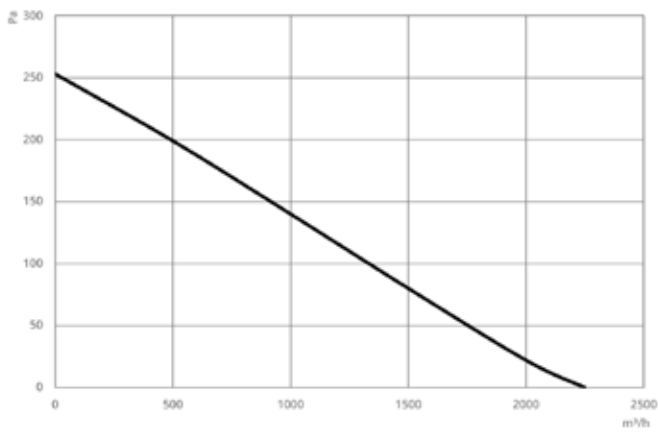


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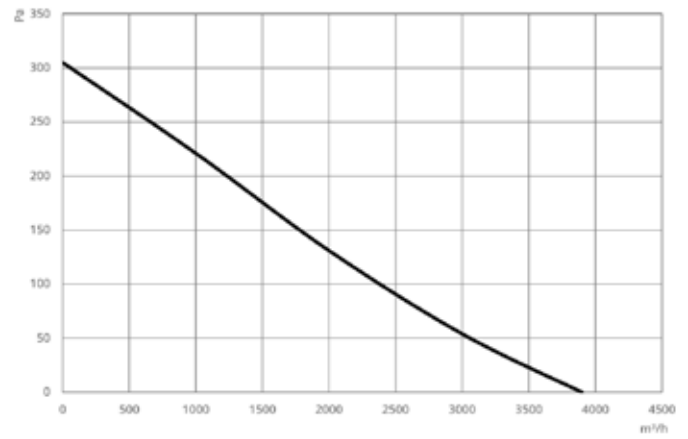


Model Type	A	B	C
MA-RH F400 450	550	800	640
MA-RH F400 500	600	800	700
MA-RH F400 560	650	800	760
MA-RH F400 630	750	850	850
MA-RH F400 710	850	850	950
MA-RH F400 800	950	850	1070
MA-RH F400 900	1050	1200	1140
MA-RH F400 1000	1150	1200	1240
MA-RH F400 1120	1250	1550	1390

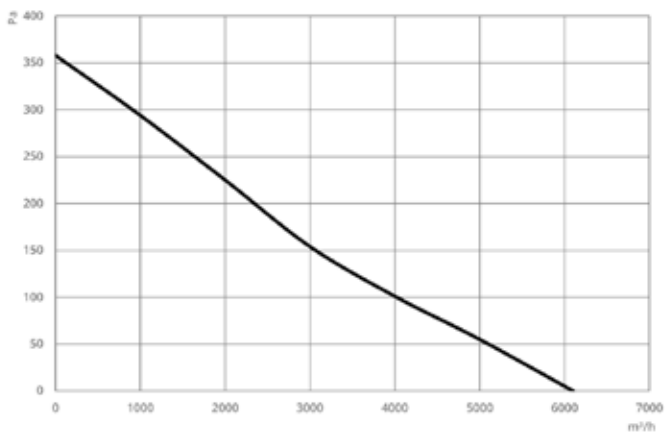
Pressure Curves



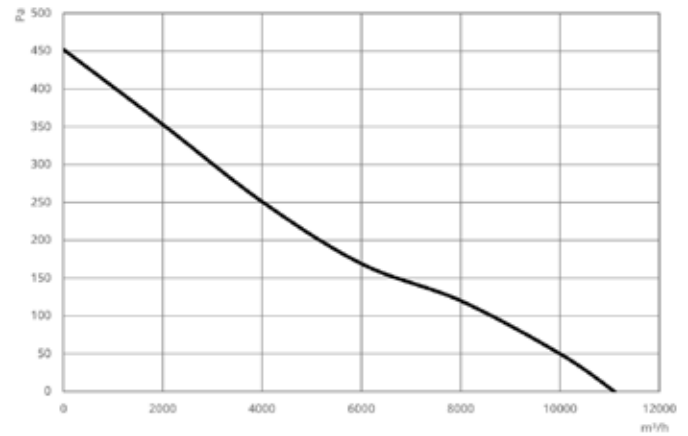
MA-RH F400 450-5-25



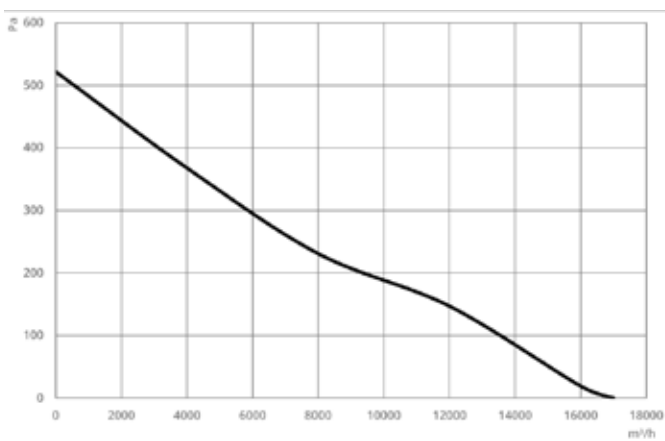
MA-RH F400 500-5-25



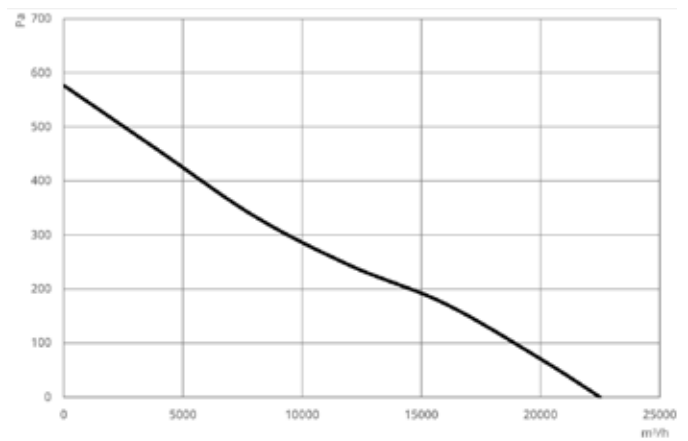
MA-RH F400 560-5-25



MA-RH F400 630-5-30



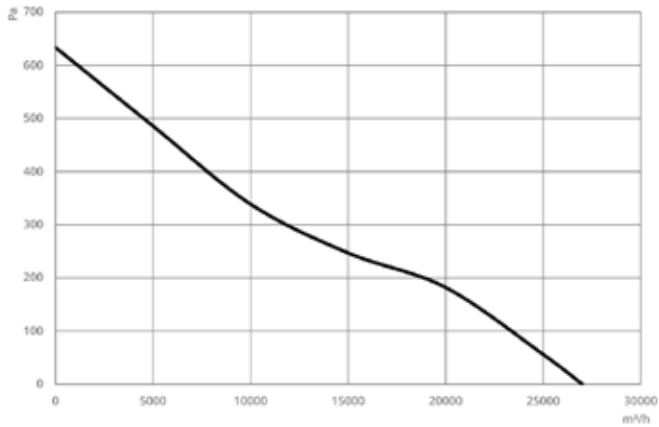
MA-RH F400 710-5-30



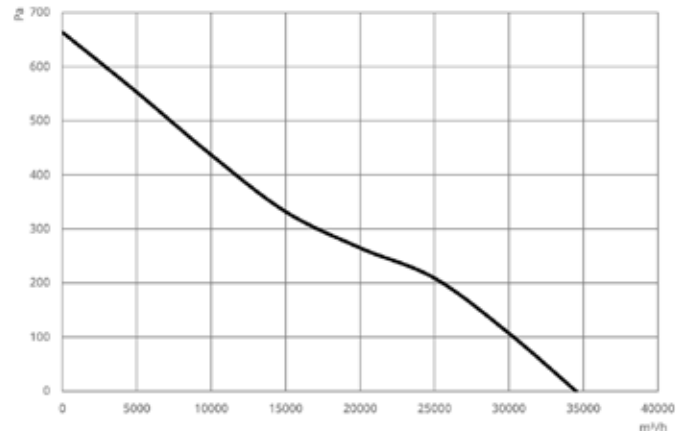
MA-RH F400 800-5-30



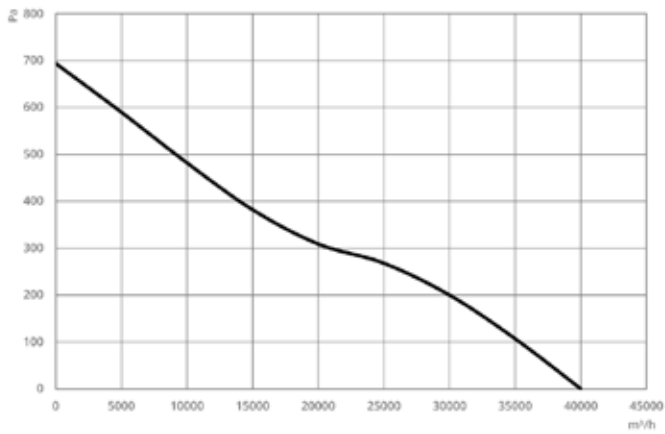
Pressure Curves



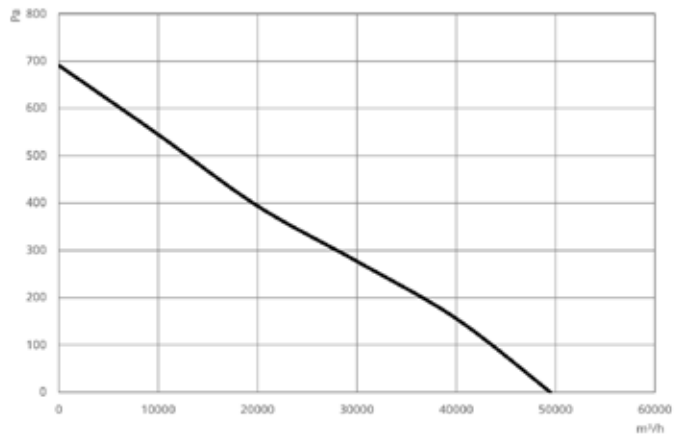
MA-RH F400 800-5-35



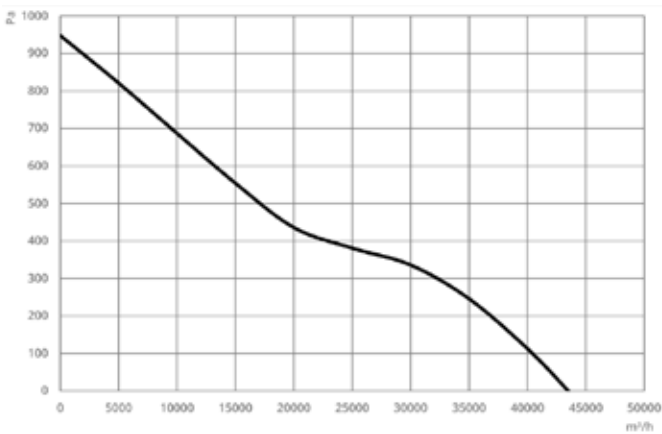
MA-RH F400 900-5-35



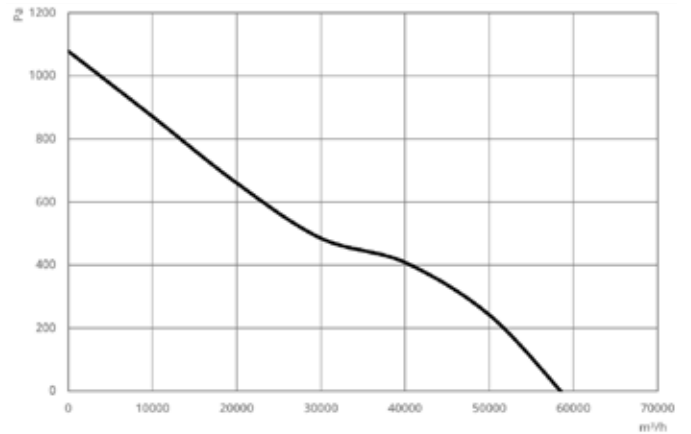
MA-RH F400 900-5-40



MA-RH F400 1000-5-40

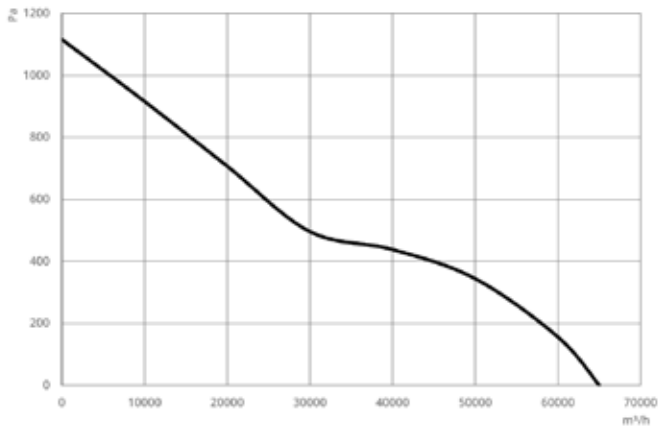


MA-RH F400 900-8-40

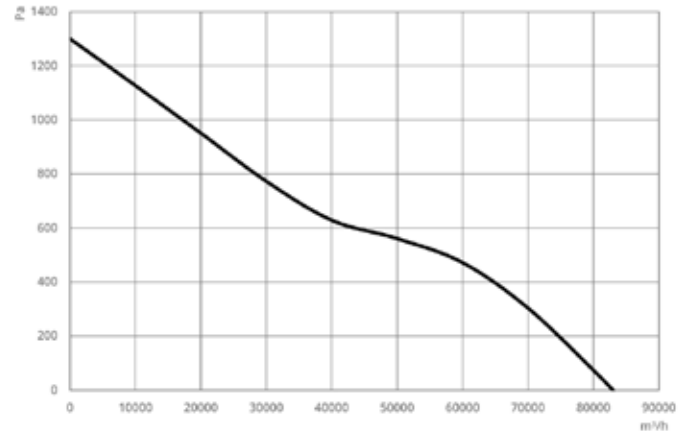


MA-RH F400 1000-8-40

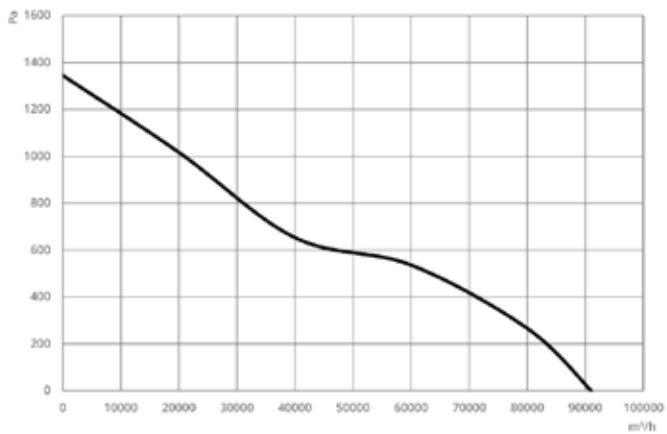
Pressure Curves



MA-RH F400 1000-8-45



MA-RH F400 1120-8-40



MA-RH F400 1120-8-45



MOBILE FANS

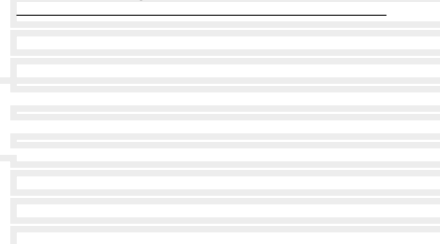




Mobile Fans Models

MA-MO

MR-MO





MA-MO

AXIAL MOBILE FAN

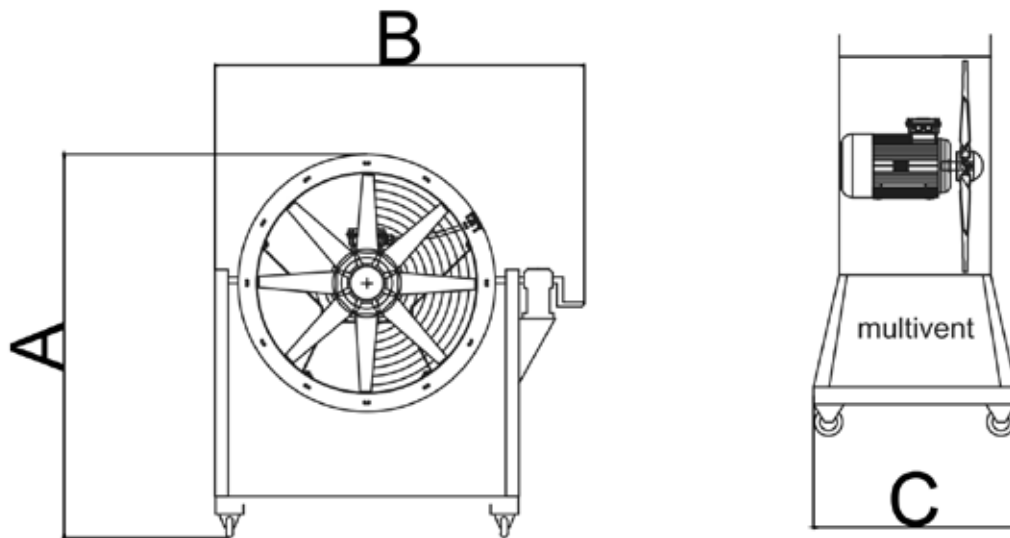
MA-MO Serie Axial Mobile fans practically meets the air evacuation and fresh air requirements in places where fixed fan installation cannot be applied, thus reducing the investment cost and providing energy savings.

Technical Information

Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree
MA-MO 500/4K 45-6	9400	150	13,5	0,55	1450	1,6	50	380	93	60
MA-MO 710/4K 32,5-6	21250	250	15,1	2,2	1450	5,3	50	380	88	60
MA-MO 710/4K 40-6	26000	250	18,4	3	1450	6,6	50	380	90	60
MA-MO 710/4K 45-6	28500	250	20,3	4	1450	8,7	50	380	93	60
MA-MO 1000/4K 32,5-6	47000	400	16,6	5,5	1450	11,8	50	380	93	60
MA-MO 1000/4K 37,5-6	56000	400	20	7,5	1450	15,8	50	380	95	60
MA-MO 1000/4K 37,5-8	59000	400	20,8	11	1450	22,5	50	380	93	60

ELECTION SCHEDULE

Model Type	25Pa	50Pa	75Pa	100Pa	125Pa	150Pa	175Pa	200Pa	250Pa	300Pa	350Pa	400Pa
MA-MO 500/4K 45-6	8000	7000	6550	6150	5700	5000	-	-	-	-	-	-
MA-MO 710/4K 32,5-6	21000	20000	19200	19000	18000	17000	16000	15300	13700	-	-	-
MA-MO 710/4K 40-6	25000	24000	23000	22000	20000	19000	17500	16500	16000	-	-	-
MA-MO 710/4K 45-6	28000	27500	26000	25000	24500	24000	23000	22000	19000	11500	-	-
MA-MO 1000/4K 32,5-6	46000	45000	44000	43500	42000	41000	40000	38500	36000	34000	31000	26000
MA-MO 1000/4K 37,5-6	56000	54000	53000	52000	51000	50000	49000	47000	45000	42500	40000	35000
MA-MO 1000/4K 37,5-8	58500	58000	57000	56000	55000	54000	53000	52000	50000	48000	46000	43000



BODY DIMENSIONS

Model Type	A	B	C
MA-MO 500	600	580	500
MA-MO 710	600	580	500
MA-MO 1000	600	680	600



MR-MO

RADIAL MOBILE FAN

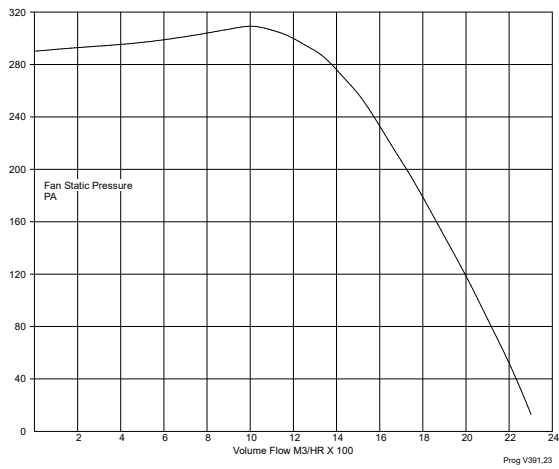
MR-MO Serie Radial Mobile fans practically meets the air evacuation and fresh air requirements in places where fixed fan installation cannot be applied, thus reducing the investment cost and providing energy savings.

Technical Information

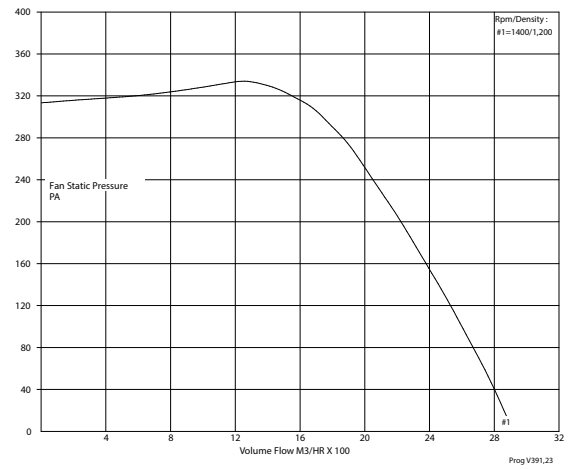
Model Type	Max m³/h	Max Pa.	m/sc	kW	rpm d/d	A	Hz	Voltage	Sound dB	Max. Degree
MR-MO 315/4K	2000	300	9	0,25	1.450	0,8	50	380	68	60
MR-MO 355/4K a	2800	300	10	0,37	1450	1	50	380	72	60
MR-MO 355/4K b	3000	350	10	0,55	1450	1,3	50	380	80	60
MR-MO 400/4K	4200	450	11	0,75	1450	2	50	380	83	60
MR-MO 450/4K a	7000	600	13	1,1	1450	2,5	50	380	84	60
MR-MO 450/4K b	7500	650	13,5	1,5	1450	3,5	50	380	87	60
MR-MO 500/4K	10000	800	15	2,2	1450	4,5	50	380	90	60
MR-MO 560/4K a	12500	900	16	3	1450	6,5	50	380	91	60
MR-MO 560/4K b	14000	1000	17	4	1450	8	50	380	93	60
MR-MO 630/4K	18000	1200	18	5,5	1450	11	50	380	95	60
MR-MO 710/4K a	22000	1300	19	7,5	1450	15	50	380	97	60
MR-MO 710/4K b	25000	1500	19,5	11	1450	21	50	380	99	60
MR-MO 800/4K a	30000	1800	22	15	1450	29	50	380	101	60
MR-MO 800/4K b	35000	1800	22,2	18,5	1450	34	50	380	103	60
MR-MO 900/4K	45000	2200	25	22	1450	42	50	380	110	60
MR-MO 1000/4K	60000	2800	30	30	1450	54	50	380	125	60



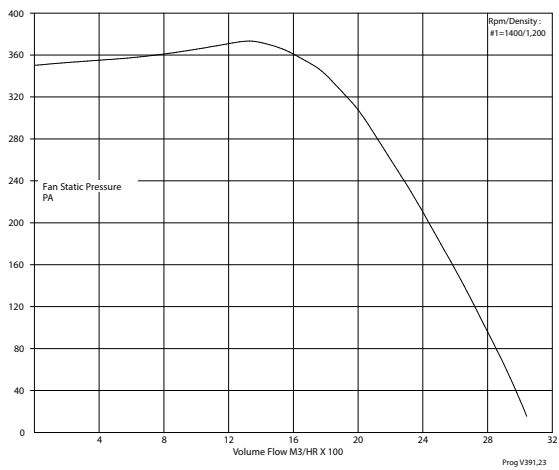
Pressure Curves



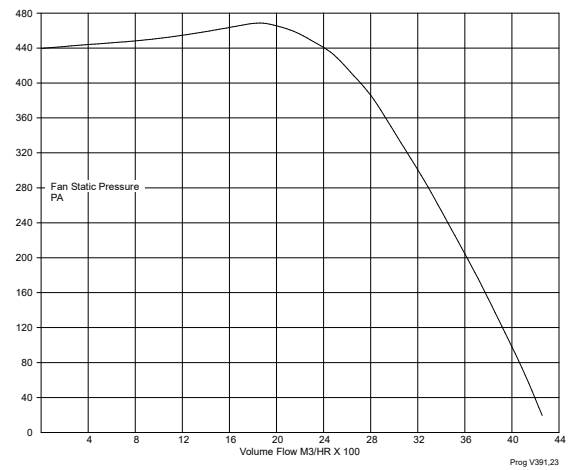
MR-MO 315/4K



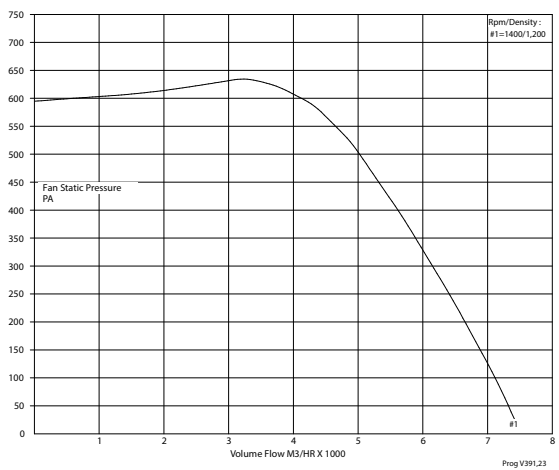
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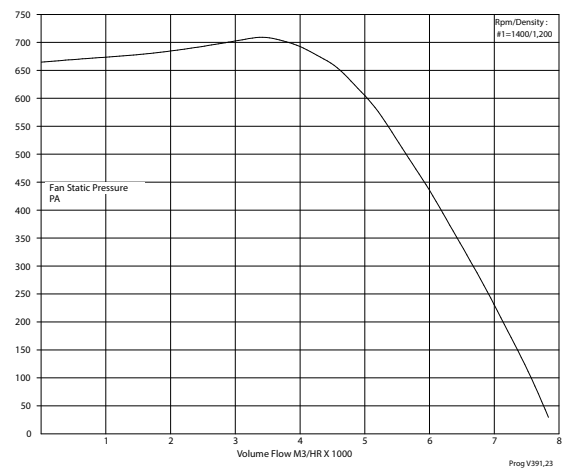
MR-MO 355/4K B



MR-MO 400/4K

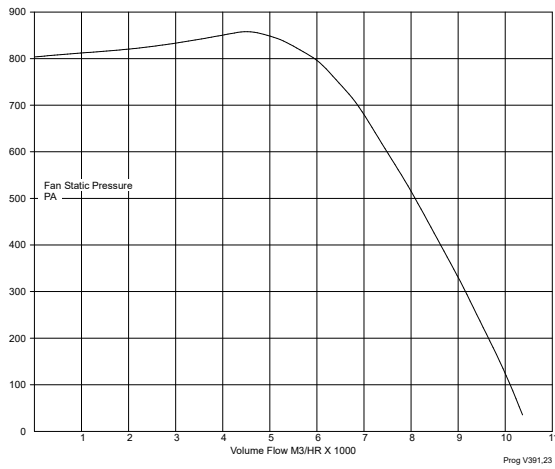


MR-MO 450/4K A

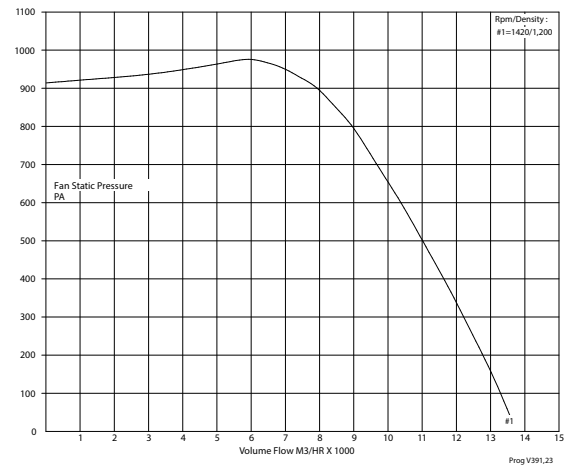


MR-MO 450/4K B

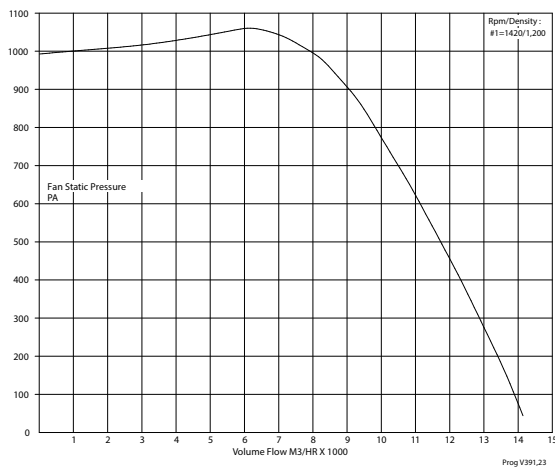
Pressure Curves



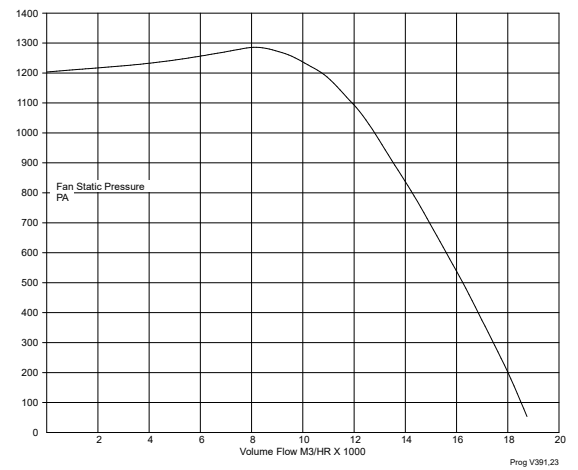
MR-MO 500/4K



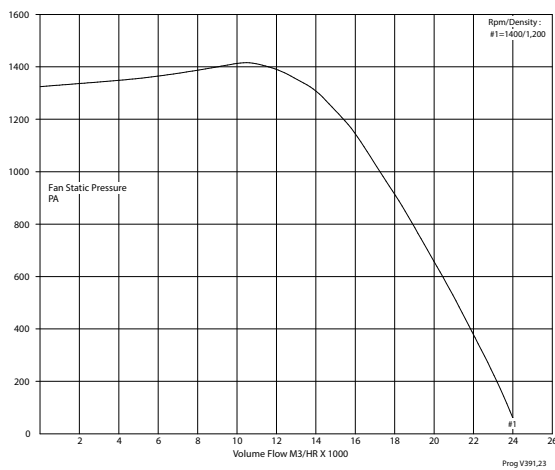
MR-MO 560/4K A



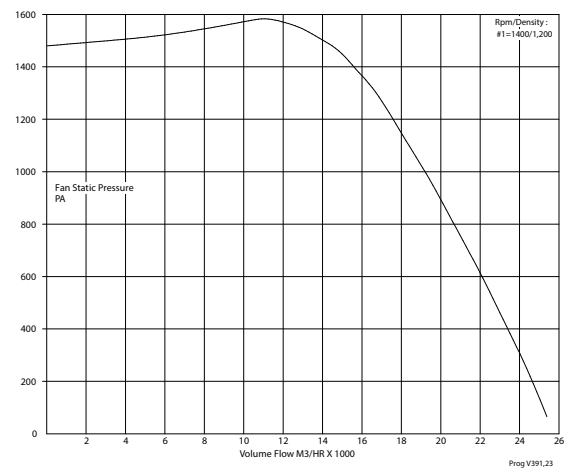
MR-MO 560/4K B



MR-MO 630/4K



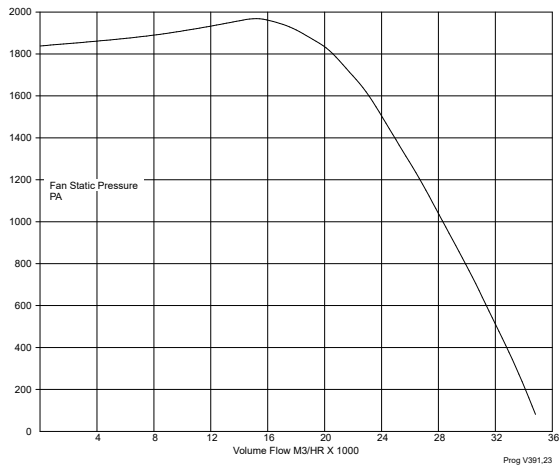
MR-MO 710/4K A



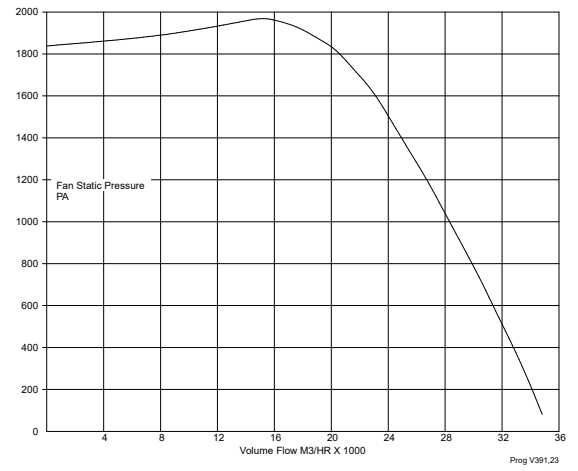
MR-MO 710/4K B



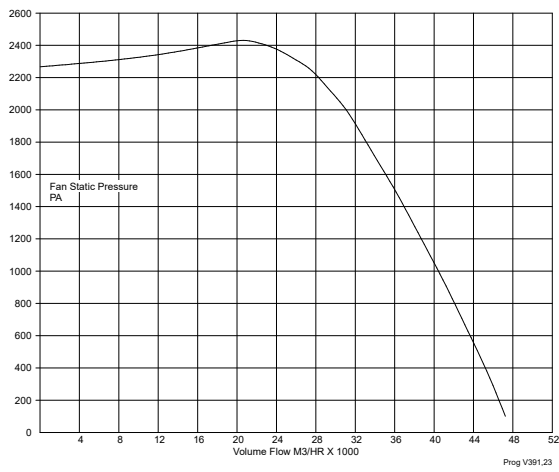
Pressure Curves



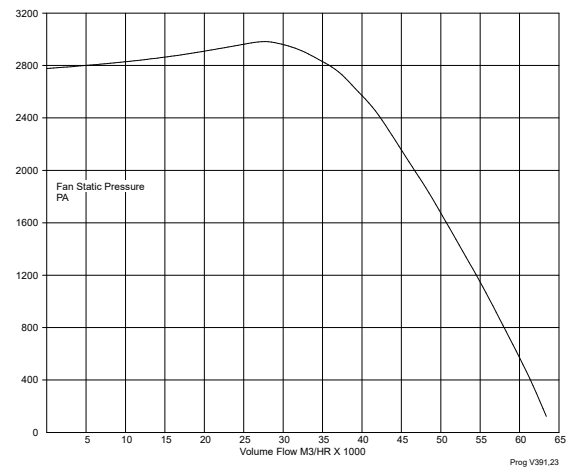
MR-MO 800/4K A



MR-MO 800/4K B



MR-MO 900/4K



MR-MO 1000/4K





RESIDENCIAL FANS





Residencial Fans Models

MPA

MPA-S

MPD

VORTICE VARIO

VORTICE PUNTO
FOUR

VORTICE PUNTO

VORTICE PUNTO
GHOST



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP 25	ABS Plastic	ABS Plastic	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

MPA

BATHROOM FAN

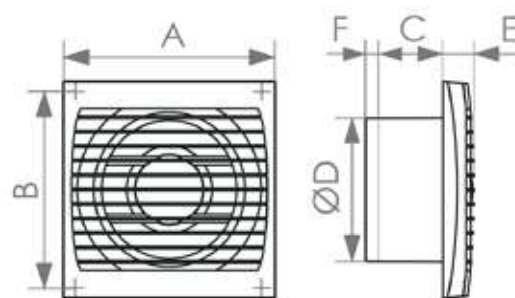
MPA serie Residencial fans can be used in bathroom or small volume areas. Glass or Wall Mount is possible, Ceiling not. Made of high quality PP Materials.

Technical Information

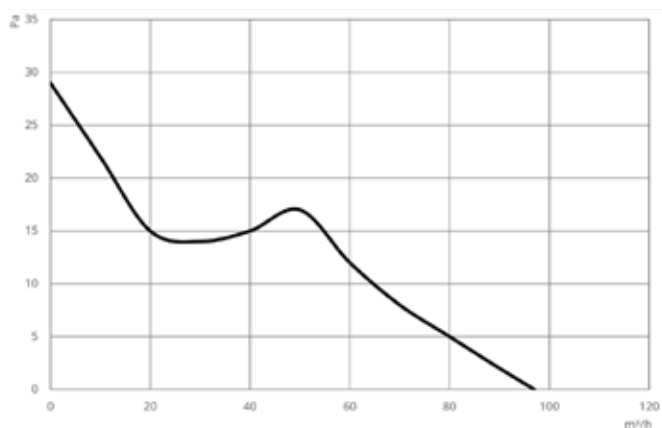
Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MPA 100	97	14	2800	50	230	35
MPA 125	183	16	2800	50	230	36
MPA 150	290	16	2800	50	230	38

Values are for 0 Pa.

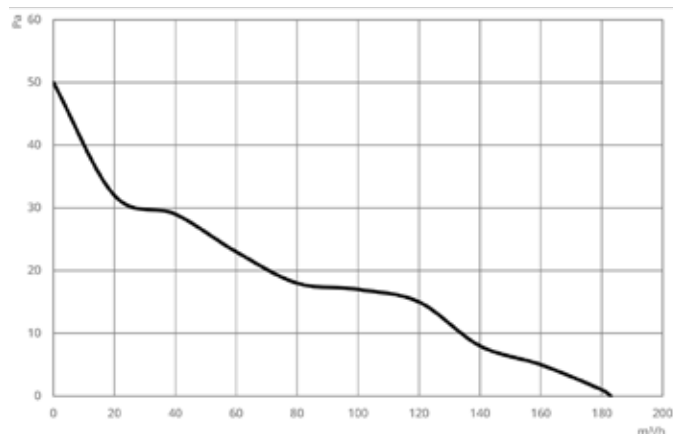
Model Type	A	B	C	D	E	F
MPA 100	150	135	55	100	22	7
MPA 125	175	160	61	125	23	8,5
MPA 150	200	185	62	150	24	10



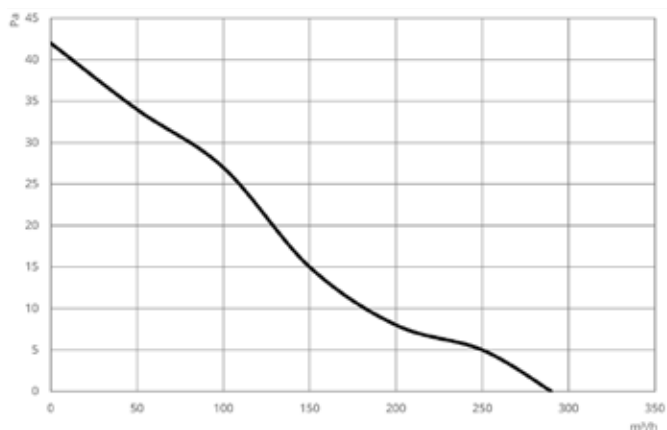
Pressure Curves



MPA 100



MPA 125



MPA 150



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP 25	ABS Plastic	ABS Plastic	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

MPA-S

SILENT BATHROOM FAN

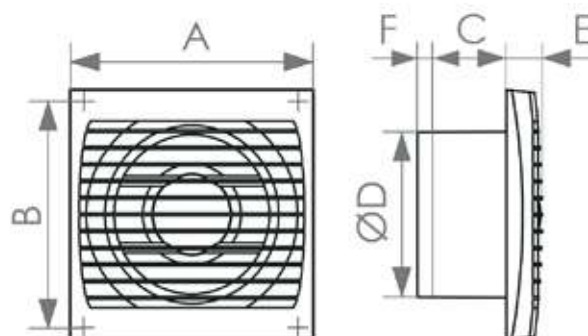
MPA-S serie Silent Type Residencial fans can be used in bathroom or small volume areas. Glass or Wall Mount is possible, Ceiling not. Made of high quality ABS Materials.

Technical Information

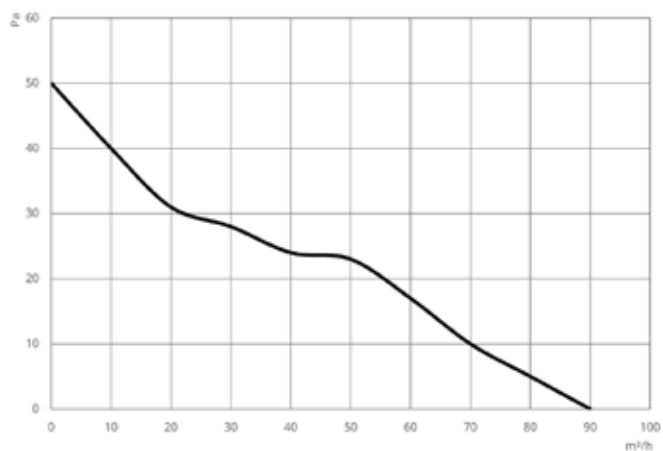
Model Type	Max m³/h	W	rpm d/d	Hz	Voltage	Sound dB
MPA-S 100	90	8,4	2800	50	230	25
MPA-S 125	180	10	2800	50	230	30
MPA-S 150	315	16	2800	50	230	33

Values are for 0 Pa.

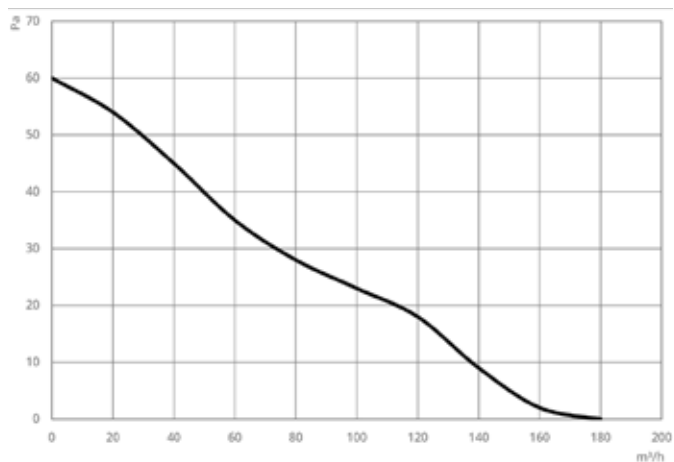
Model Type	A	B	C	D	E	F
MPA-S 100	155	135	70	98	7	24
MPA-S 125	175	155	70	123	8,5	24
MPA-S 150	215	215	130	148	10	24



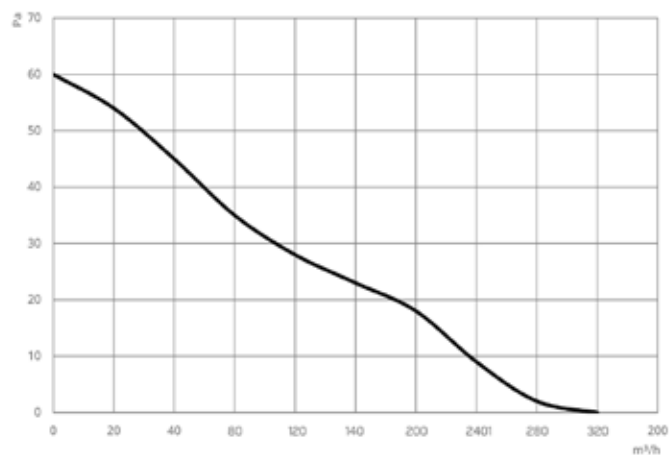
Pressure Curves



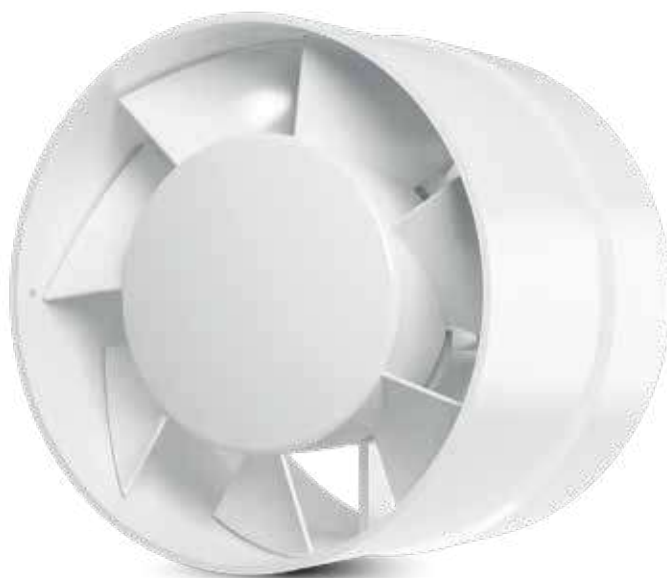
MPA-S 100



MPA-S 125



MPA-S 150



Motor Insulation Class	Motor Protection Class	Body Material	Impeller Material	Working Temperature	Standards
F Class	IP 25	ABS Plastic	ABS Plastic	-20 - +50 °C	IEC-60335-2-80 ISO 1940-1

MPD

CIRCULAR BATHROOM FAN

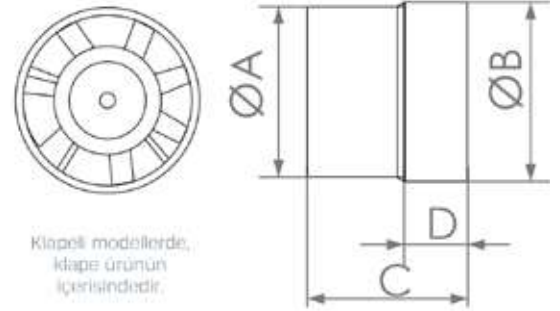
MPD serie Residencial fans can be used in bathroom or small volume areas. Glass or Wall Mount is possible. Made of high quality PP Materials.

Technical Information

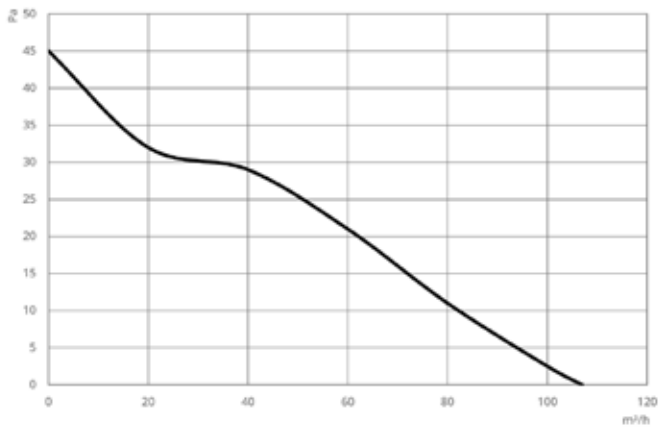
Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MPD 100	107	14	2800	50	230	35
MPD 125	190	18	2800	50	230	36
MPD 150	300	22	2800	50	230	38

Values are for 0 Pa.

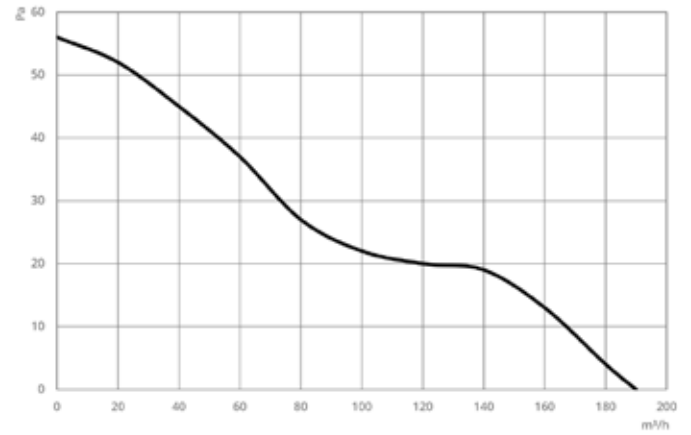
Model Type	A	B	C	D
MPD 100	100	103	80	30
MPD 125	125	128	87	30
MPD 150	150	153	101	35



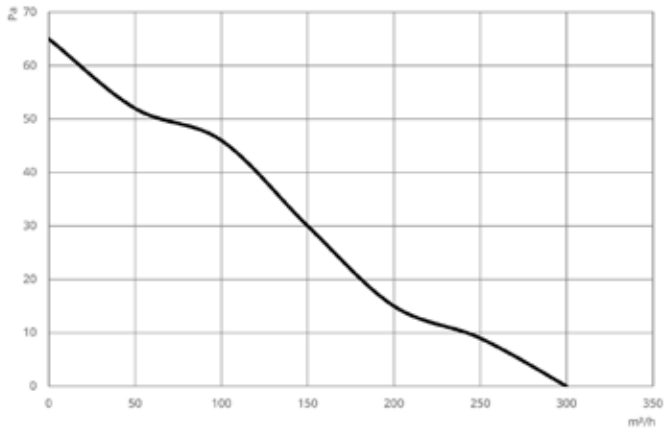
Pressure Curves



MPD 100



MPD 125



MPD 150



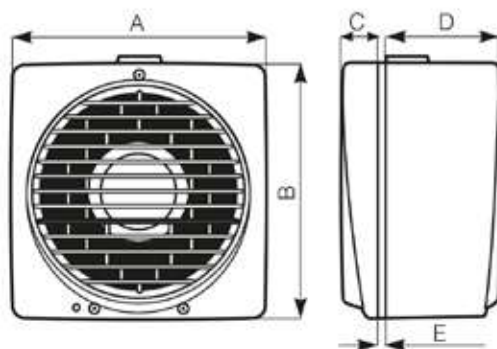
VORTICE VARIO

AXIAL FLOW FANS SUITABLE FOR WINDOW

VORTICE VARIO Axial flow fans suitable for window, wall, ceiling, panel and roof installation. Manual and automatic versions.

Technical Information

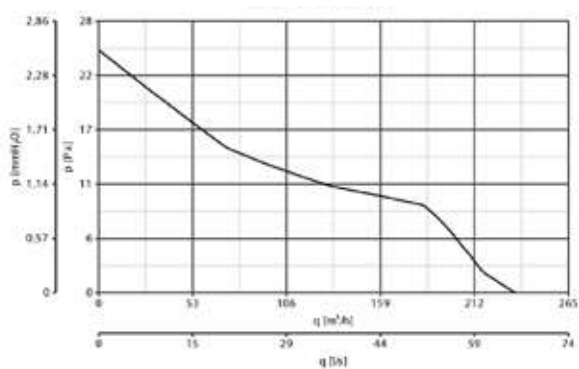
Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
VORTICE 150/6" P	235	18	1340	50 - 60	220 - 240	37.5
VORTICE 150/6" AR	235(1) 150(2)	25	1340(1) 2040(2)	50 - 60	220 - 240	37.5
VORTICE 150/6" AR LL S	380(2) 215(1)	35	2110(2) 2520(1)	50 - 60	220 - 240	49.6
VORTICE 150/6" P LL S	380	32	2110	50 - 60	220 - 240	46.9
VORTICE 230/9" P	480	22	790	50 - 60	220 - 240	35.6
VORTICE 230/9" AR	480(1) 310(2)	26	790(1) 1080(2)	50 - 60	220 - 240	35.6
VORTICE 230/9" P LL S	700	32 (50 Hz) 38 (60 Hz)	1200	50 - 60	220 - 240	43.6
VORTICE 230/9" AR LL S	700(1) 370(2)	35 (50 Hz) 40 (60 Hz)	1200(1) 1300(2)	50 - 60	220 - 240	43.6
VORTICE 300/12" AR	1050(1) 700(2)	45	840(1) 1085(2)	50 - 60	220 - 240	40.2
VORTICE 300/12" AR LL S	1650(1) 920(2)	75 (50 Hz) 90 (60 Hz)	1215(1) 1280(2)	50 - 60	220 - 240	53.6



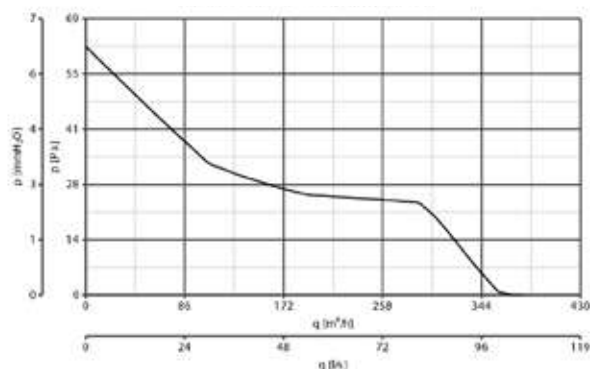
Model Type	A	B	C	D	E Min/Max	Hole Dia Ø
VORTICE 150/6"	215	218	31	97.5	2/38	185÷190
VORTICE 230/9"	294	297	31	130	2/38	257÷262
VORTICE 300/12"	390	393	31	147	2/38	324÷329



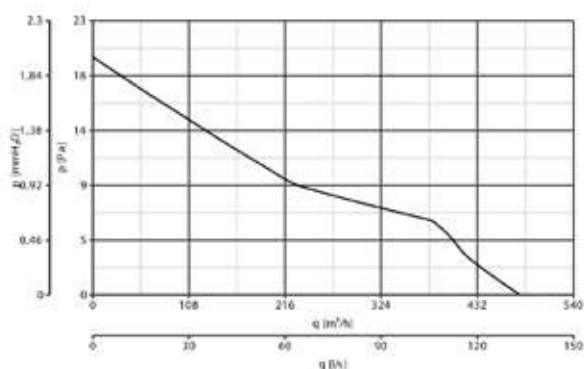
Pressure Curves



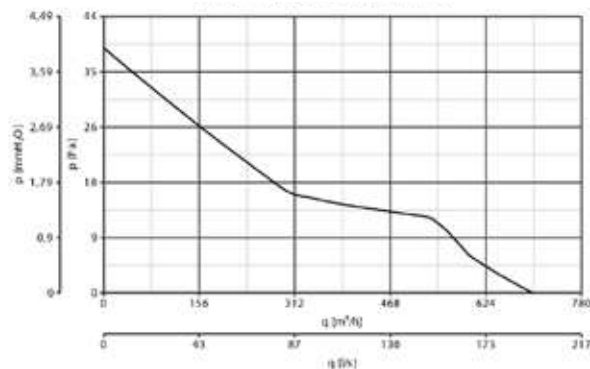
150/6" P - 150/6" AR



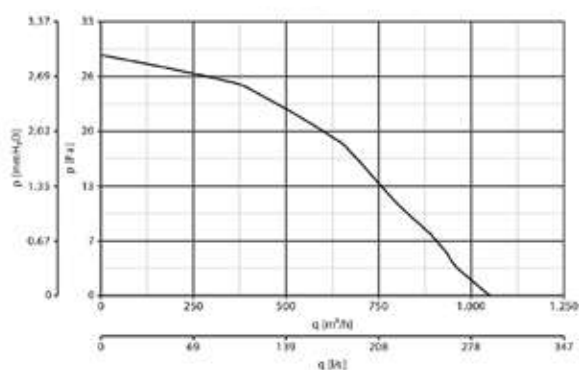
150/6" P AR LL S - 150/6" AR LL S



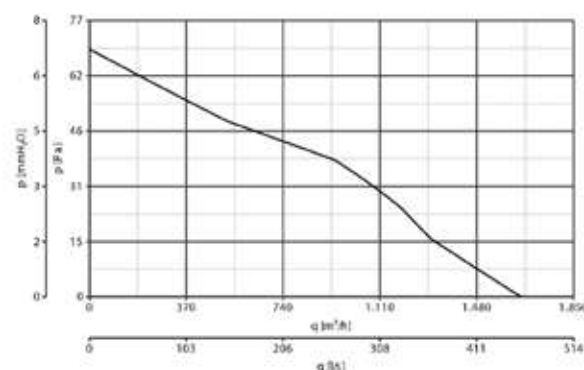
230/9" P - 230/9" AR



230/9" P AR LL S - 230/9" AR LL S



300/12" AR



300/12" AR LL S





VORTICE PUNTO FOUR

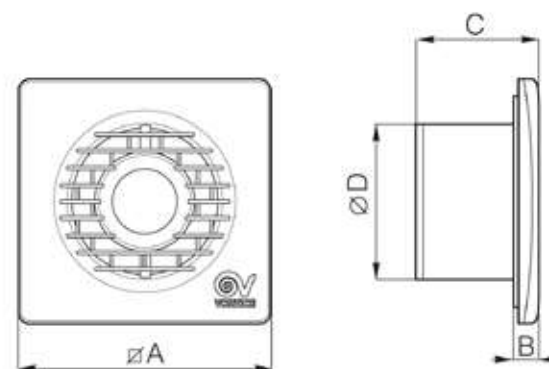
AXIAL FLOW FANS

VORTICE PUNTO FOUR Axial flow fans for wall and ceiling mounted installation, with port diameters between 90 and 120 mm and air flows from 65 m³/h to 175 m³/h.

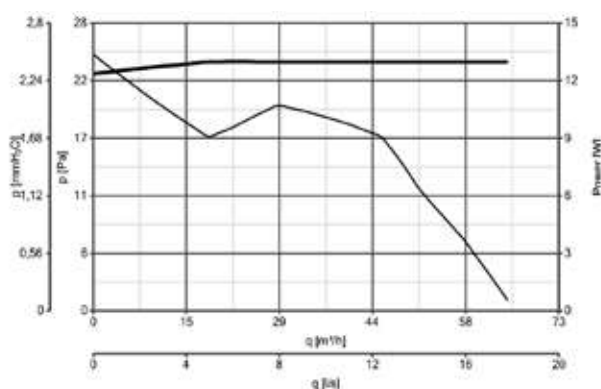
Technical Information

Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MFO 90/3.5"	65	14	2540	50	220 - 240	29.6
MFO 100/4"	85	15	2400	50	220 - 240	33.1
MFO 120/5"	175	20	2240	50	220 - 240	39.1

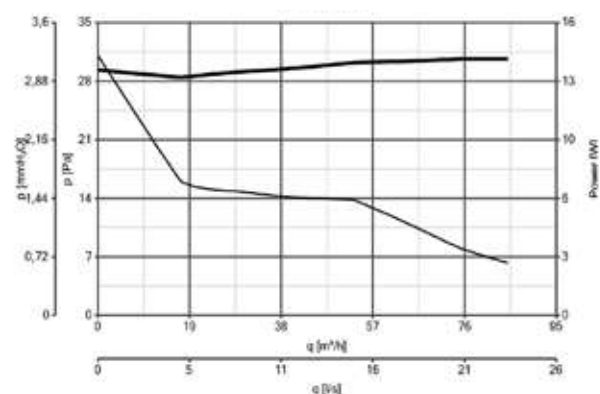
Model Type	A	B	C	D
MFO 90/3.5"	158	37	97	92.4
MFO 100/4"	158	37	97	98.4
MFO 120/5"	178	42.3	114	118.9



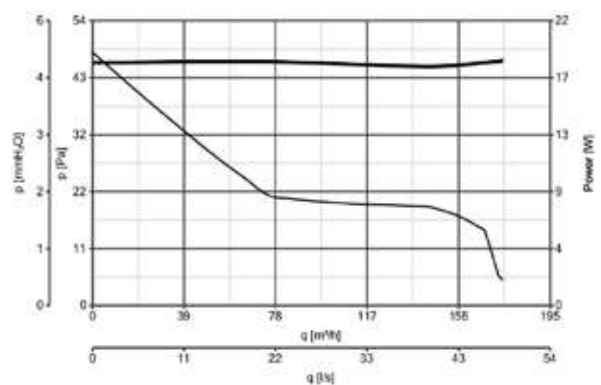
Pressure Curves



MFO 90/3,5"



MFO 100/4"



MFO 120/5"



VORTICE PUNTO

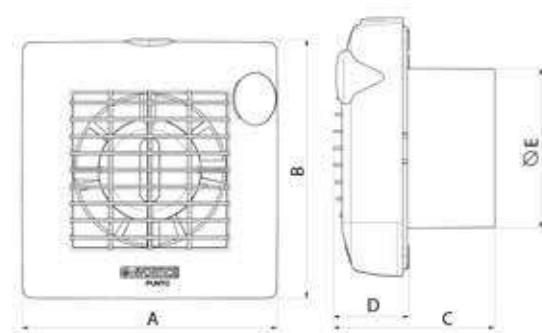
AXIAL FLOW FANS

VORTICE PUNTO Axial flow fans for wall and ceiling mounted installation, with port diameters between 90 and 150 mm and air flows from 70 m³/h to 335 m³/h. Modern styling, compatible with installation systems for any type of room.

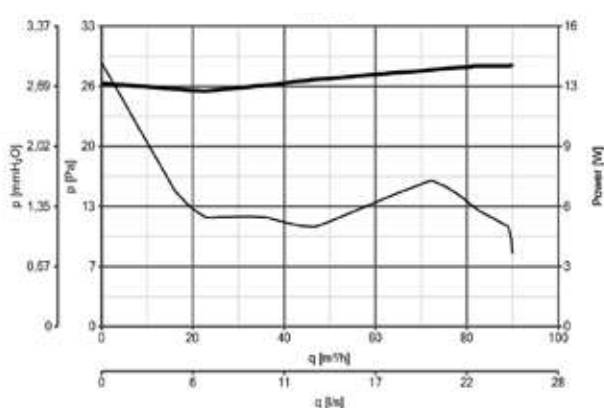
Technical Information

Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
M 100/4"	90	18	2300	50	220 - 240	37.5
M 120/5"	175	20	2100	50	220 - 240	39.5
M 150/6"	335	30	2100	50	220 - 240	46.0

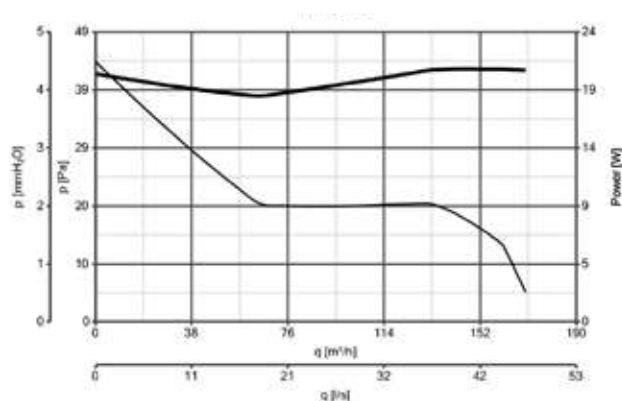
Model Type	A	B	C	D	E Ø
M 100/4"	159	160	100	47	99
M 120/5"	179	181	110	47	119
M 150/6"	214	215	117	47	156



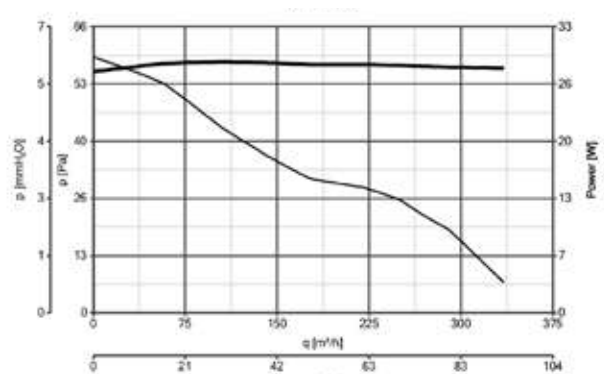
Pressure Curves



M 100/4"



M 120/5"



M 150/6"



VORTICE PUNTO GHOST

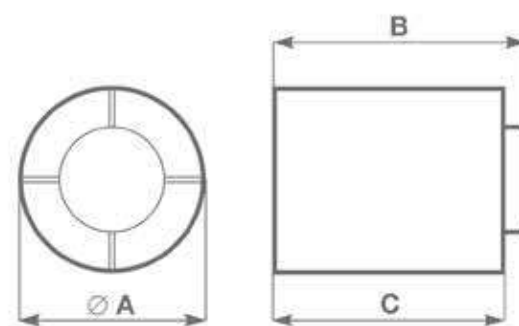
AXIAL FLOW FANS

VORTICE PUNTO GHOST Axial flow fans for in-line installation, diameters between 100 and 150 mm, with or without timer, air flows from 65 m³/h to 320 m³/h, suitable for the ventilation of dwellings with air extracted directly to the outside, or along ducts of limited length.

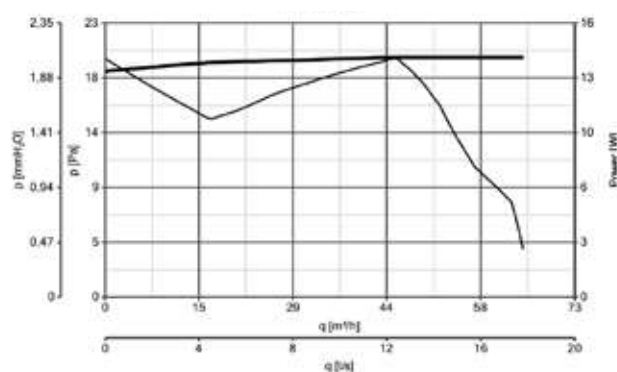
Technical Information

Model Type	Max m ³ /h	W	rpm d/d	Hz	Voltage	Sound dB
MG 90/3.5"	65	18	2450	50	220 - 240	38
MG 100/4" LL	80	18	2415	50	220 - 240	39
MGK 100/4" LL	80	18	2415	50	220 - 240	39
MG 120/5"	160	20	2250	50	220 - 240	43
MG 120/5" LL	160	20	2250	50	220 - 240	43
MG 150/6"	89	30	2200	50	220 - 240	48
MG 150/6" LL	88,9	30	2200	50	220 - 240	48

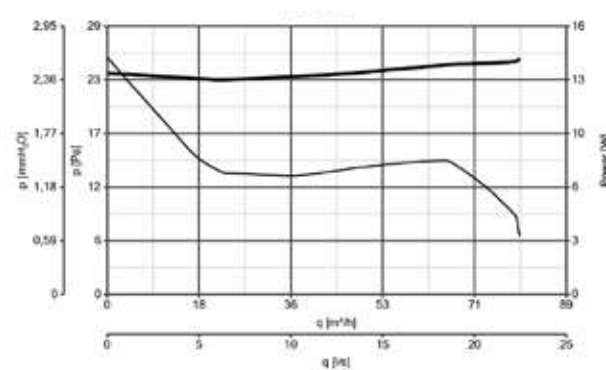
Model Type	A Ø	B	C
MG 90/3.5"	92.5	92	89
MG 90/3.5" T	92.5	96.5	89
MG 120/5"	119	103	100
MG 150/6"	155	110	107



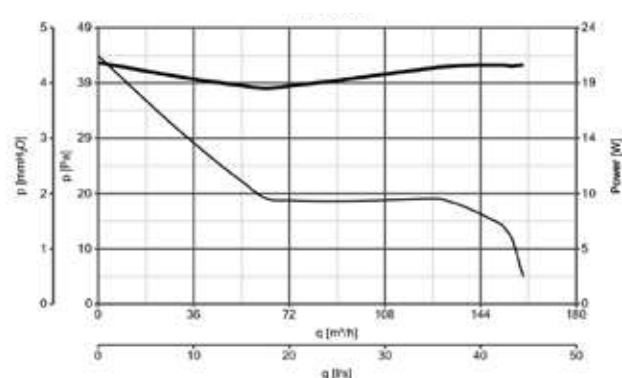
Pressure Curves



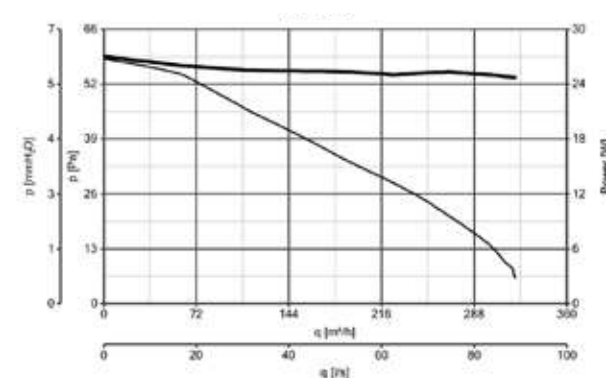
MG 90/3.5"



MG 100/4"



MG 120/5"



MG 150/6"



EVAPORATIVE COOLERS





Evaporative Coolers Models

MEC-PLUS 20

MEC-PLUS 30

MEC-PLUS 40

MEC-W



MEC-PLUS 20

EVAPORATIVE COOLER

PLUS20 Serie Evaporative cooler is both suitable for wall or platform in factories, garages, marketplaces. 20.000 m³/h airflow capacity.

As the temperature increases, the cooling capacity and efficiency increase at the same rate. Electronically controlled high efficiency motor with aluminum frame. Cooler frame is polymer based material for Ultra Violet Resistance. Greenpad technology for optimum cooling. Water sensor is available for safe operation.

Technical Information

Air Flow Rate	20000 m³/h
Motor Power	1,5 kW
Fan Pressure	230 Pa
Motor Current	7A
Voltage	220-240 V - 50/50 Hz
Fan Type	Axial
Fan Diameter	Ø 600 mm
Fan Velocity	12 Stage Speed
Greenpad Dimensions	(760 x 880 x 100 mm) x 4 Pcs
Greenpad Area	2,70 m²
Tank Capacity	50 L.
Drainage	Automatic
Dimensions	1120 x 1120 x 1120 mm
Weight	80 Kg
Weight Working	120 Kg
Vent Dimensions	700 x 700 m



MEC-PLUS 30

EVAPORATIVE COOLER

PLUS30 Serie Evaporative cooler is both suitable for wall or platform in factories, garages, marketplaces. 30.000 m³/h airflow capacity.

As the temperature increases, the cooling capacity and efficiency increase at the same rate. Electronically controlled high efficiency motor with aluminum frame. Cooler frame is polymer based material for Ultra Violet Resistance. Greenpad technology for optimum cooling. Water sensor is available for safe operation.

Technical Information

Air Flow Rate	30000 m³/h
Motor Power	3 kW
Fan Pressure	320 Pa
Motor Current	8A
Voltage	380 V / 50 Hz
Fan Type	Axial
Fan Diameter	Ø 800 mm
Fan Velocity	12 Stage Speed
Greenpad Dimensions	(1000 x 1050 x 100 mm) x 4 Pcs
Greenpad Area	-
Tank Capacity	80 L.
Drainage	Automatic
Dimensions	1500 x 1500 x 1450 mm
Weight	120 Kg
Weight Working	170 Kg
Vent Dimensions	900 x 900 m



MEC-PLUS 40

EVAPORATIVE COOLER

PLUS40 Serie Evaporative cooler is both suitable for wall or platform in factories, garages, marketplaces. 40.000 m³/h airflow capacity.

As the temperature increases, the cooling capacity and efficiency increase at the same rate. Electronically controlled high efficiency motor with aluminum frame. Cooler frame is polymer based material for Ultra Violet Resistance. Greenpad technology for optimum cooling. Water sensor is available for safe operation.

Technical Information

Air Flow Rate	430000 m³/h
Motor Power	4 kW
Fan Pressure	360 Pa
Motor Current	10A
Voltage	380 V / 50 Hz
Fan Type	Axial
Fan Diameter	Ø 800 mm
Fan Velocity	12 Stage Speed
Greenpad Dimensions	(1000 x 1050 x 100 mm) x 4 Pcs
Greenpad Area	-
Tank Capacity	80 L.
Drainage	Automatic
Dimensions	1500 x 1500 x 1450 mm
Weight	120 Kg
Weight Working	170 Kg
Vent Dimensions	900 x 900 m



MEC-W

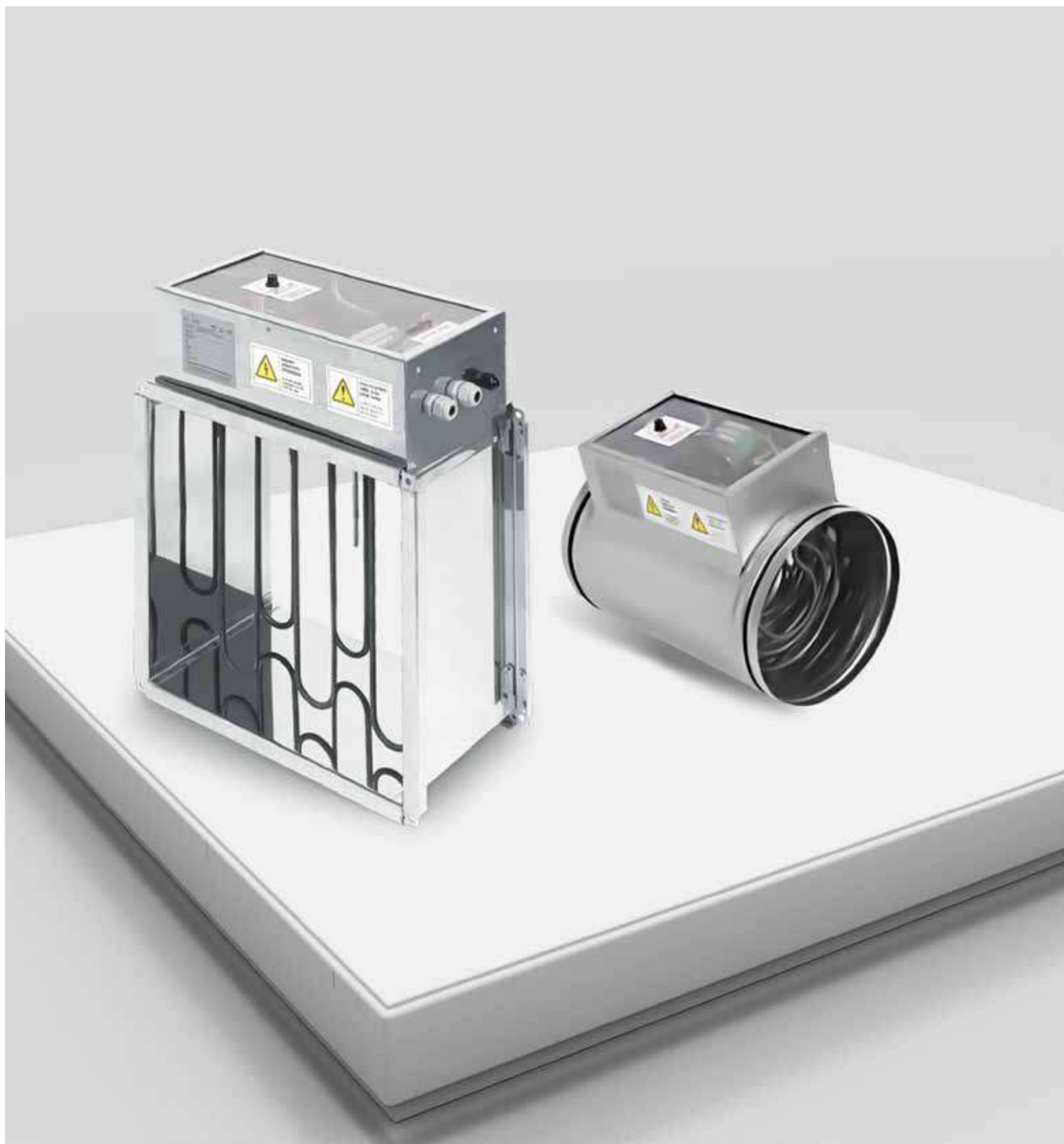
EVAPORATIVE COOLER

MEC-W Serie Window Type Evaporative Cooler reduces heat by evaporating water. It performs best in areas where humidity is less than 50%. Suitable for home and small offices. It is mounted on the side wall and provides cooling of the indoor environment with the air distribution grille. It blows 4500 m³ of air per hour. It has a 25 liter water tank.

Technical Information

Air Flow Rate	450000 m ³ /h
Motor Power	180 W
Swing Mod	Automatic
Motor Current	0,78 A
Voltage	220 V / 50 Hz
Fan Type	Axial
Fan Velocity	3 Stage Speed
Dimensions	765 x 765 x 905
Pad Dimensions	550 x 680 x 70 mm
Pad Area	1,12 m ²
Tank Capacity	25 L.
Drainage	Manuel
Vent Dimensions	460 x 460 mm
Weight	28,5 Kg
Sound Level	<60 dB
Diffuser	510 x 510 mm

ELECTRICAL HEATERS



Electrical Heaters Models

MEH-C

MEH-R

MAH



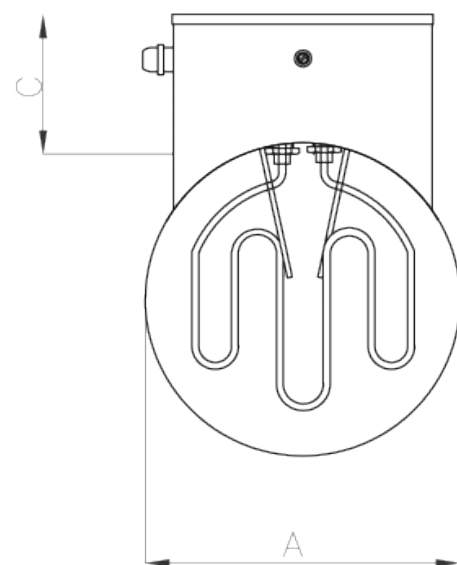
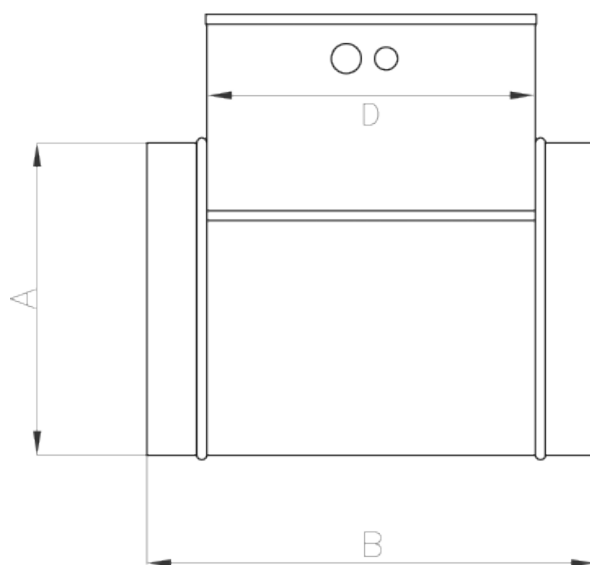
MEH-C

CIRCULAR ELECTRICAL HEATER

MEH-C serie Circular Electrical Heater used as pre-heater to increase outdoor air. It can be produced in special size. Heating element parts galvanized or stainless steel upon request. Easy installation to duct system. Control device optional.

Technical Information

Power	Min. 0,5 kW - Max. 20 kW
Dimensions	
A	Min. 125 mm. / Max. 490 mm.
B	Standard 380 mm. / Max. 490 mm.
D	260 mm. / Max. 370 mm.
B	Standard 200 mm.
C	Standard 130 mm.





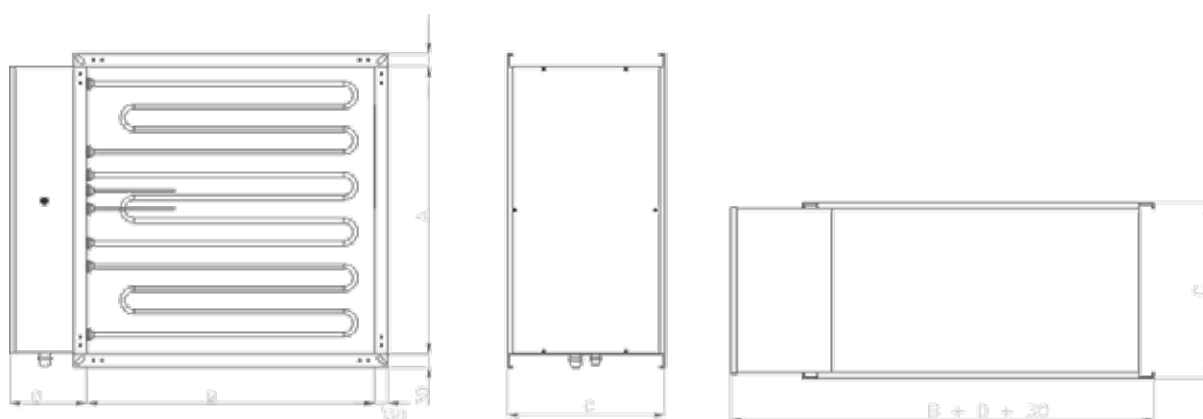
MEH-R

RECTANGULAR ELECTRICAL HEATER

MEH-R serie Rectangular Electrical Heater used as pre-heater to increase outdoor air. It can be produced in special size. Heating element parts galvanized or stainless steel upon request. Easy installation to duct system. Control device optional.

Technical Information

Power	Min. 0,5 kW - Max. 200 kW
Dimensions	
A	Min. 200 mm. / Max. 2500 mm.
B	Min. 200 mm. / Max. 2000 mm.
C	Min. 150 mm / Max. 1000 mm
D	Standard 120 mm / if there is control equipment 150 mm





MAH

ELECTRICAL HEATER

MAH Serie Air Handling Unit is designed for heating air in place while circulating it with axial fans. Double walled structures prevent exhaust gases and can be used indoor applications.

Technical Information

Model Type	V	Level	(kW)	(A)	m ³ /h	Save	Color	Width	Height	Depth
MAH 190	220V	3 kW	0/1,5/3	0/7,5/15	400m ³ /h	IP44	RAL 7035	290 mm	380 mm	260 mm
MAH 225	380V-440V	5 kW	0/2,5/5	0/4/7,5	650m ³ /h	IP44	RAL 7035	350 mm	450 mm	450 mm
MAH 250	380V-440V	8 kW	0/4/8	0/7/13	900m ³ /h	IP44	RAL 7035	350 mm	450 mm	450 mm
MAH 280	380V-440V	10 kW	0/5/10	0/8/17	1100m ³ /h	IP44	RAL 7035	350 mm	450 mm	450 mm
MAH 355	380V-440V	12 kW	0/6/12	0/10/20	1600m ³ /h	IP44	RAL 7035	400 mm	530 mm	450 mm
MAH 400	380V-440V	15 kW	0/7,5/15	0/13/25	1800m ³ /h	IP44	RAL 7035	400 mm	530 mm	450 mm
MAH 450	4900	690	1365	50	230	83	1365	50	230	83



WELD AND DUST COLLECTIONS SYSTEMS





Weld and Dust Collections Systems Models

MEAX

MEAN

MEAF

MEAF-M

MC-DS

MC-DSS



MEAX

EXTRACTION ARM WITH EXTERNAL JOINT

MEAX Serie Extraction Arms evacuate welding gases and dusts in industrial and central ventilation systems. Suction inlet hose be positioned at the source of toxic gases and with the help of aspiration toxic gases being evacuated. Thanks to hidden hinge mostly preferable for dust collection. 2 mt, 3 mt and 4 mt arms available. 180° Turning Angle provide easy position for suction.

Technical Information

Suggested Usage Airflow	650 m ³ /h ≤ Q ≤ 1200 m ³ /h
Max. Pressure Lost	2200 Pa
Inlet Dimension	160 mm
Bracket	PVC Material, +80 Degree Resistance, Flame Retardant
Flex	-30/+80 Operating Temperature, Flame Retardant, Specially designed for high vacuum resistance
Inlet Flange	2 mm Aluminum material, manual adjustable damper Electrostatic Powder Paint, Light and ergonomic design
Support	Heat treatment steel spring



MEAN

EXTRACTION ARM WITH HIDDEN JOINT

MEAN Serie Extraction Arms evacuate welding gases and dusts in industrial and central ventilation systems. Suction inlet hose be positioned at the source of toxic gases and with the help of aspiration toxic gases being evacuated. 2 mt, 3 mt and 4 mt arms available. 180° Turning Angle provide easy position for suction.

Technical Information

Suggested Usage Airflow	650 m ³ /h ≤ Q ≤ 1200 m ³ /h
Max. Pressure Lost	2200 Pa
Inlet Dimension	160 mm
Bracket	3 mm ST-37 load manufacturing, electrostatic oven paint
Flex	-30/+80 Operating Temperature, Flame Retardant, Specially designed for high vacuum resistance
Inlet Flange	2 mm Aluminum material, manual adjustable damper Electrostatic Powder Paint, Light and ergonomic design
Support	Heat treatment steel spring



MEAF

EXTRACTION ARM STABLE UNIT WITH FILTER

MEAF Serie Filtration Unit supply fresh air cycling from welding gases and dusts in industrial and central ventilation sytems. Plug and play principal.

Filters: G4, HEPA,Metal. Carbon filter can be supplied upon request. 1 or 2 arms available in same unit.

Technical Information

Filter	G4-Hepa-Metal (Carbon Filter Upon Request)
Fan Airflow	3200 m³/h
Fan Power	1,1 kW
Extraction Arm	2 m. - 3 m. - 4 m.



MEAF-M

EXTRACTION ARM MOBILE UNIT WITH FILTER

MEAF-M Serie Mobile Filtration Unit supply fresh air cycling from welding gases and dusts in industrial and central ventilation systems. Plug and play principal. Filters: G4, HEPA, Metal. Carbon filter can be supplied upon request. 1 or 2 arms available in same unit. %99,8 Efficiency in particules 1 micron.

Technical Information

Filter	G4-Hepa-Metal (Carbon Filter Upon Request)
Fan Airflow	2600 - 3200 m ³ /h
Fan Power	0,75 - 1,1 kW
Extraction Arm	Arm:ST-27 Material Bracket and Joint, 2 mm Aluminum Inlet Flange, Anti Corrosion Work, Units with automation or manual(Both section available)



Options On Request



Anti Corrosion Fans



Ex-Proof

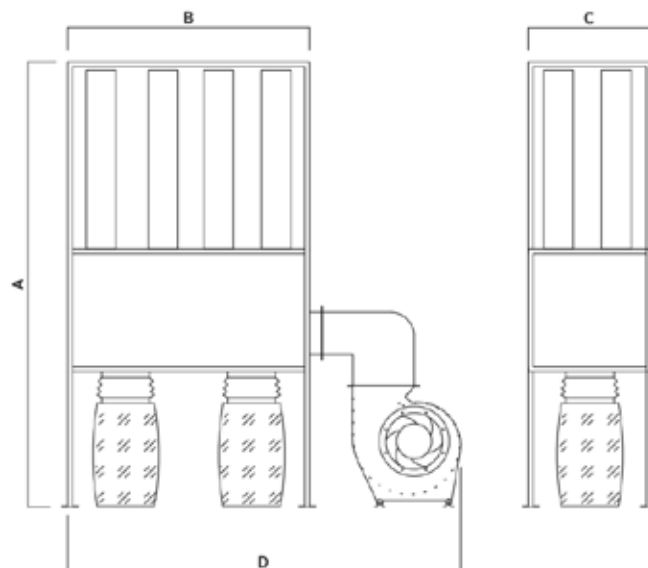
MC-DSC

DUST COLLECTOR

MC-DSC Serie Dust Collector fans specifically designed for the Dust Collector market. Featuring a compact design and heavy duty construction for trouble free service. Thanks to its screwed joint assamble, it makes easy to transfer & installation.

Technical Information

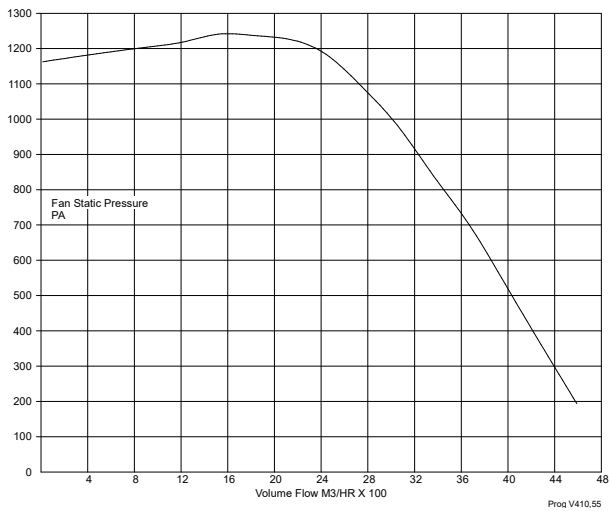
Model Type	Max m ³ /h	Max Pa.	kW	rpm d/d	A	Hz	Voltage
MC-DSC 4.500	4500	1100	1,1	2800	2,4	50	380
MC-DSC 6.200	6200	1400	2,2	2800	4,5	50	380
MC-DSC 12.500	12500	2100	4	2800	7,8	50	380
MC-DSC 16.000	16000	2600	5,5	2800	11	50	380
MC-DSC 20.000	20000	2800	11	2800	23	50	380
MC-DSC 22.000	22000	3000	15	2800	35	50	380
MC-DSC 27.000	27000	3300	18,5	2800	39	50	380



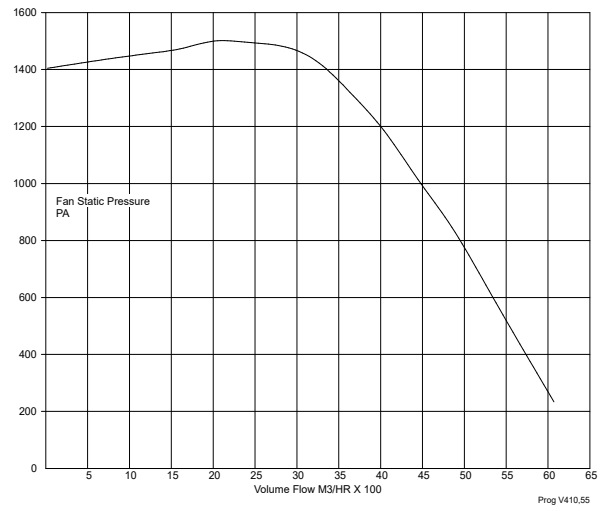
Model Type	A	B	C	D
MC-DSC 4.500	3550	2030	1030	1000
MC-DSC 6.200	3550	2030	1030	1100
MC-DSC 12.500	3700	2530	1280	1200
MC-DSC 16.000	3700	2530	1280	1350
MC-DSC 20.000	4050	3030	1530	1480
MC-DSC 22.000	4050	3030	1530	1480
MC-DSC 27.000	4050	3030	1530	1630



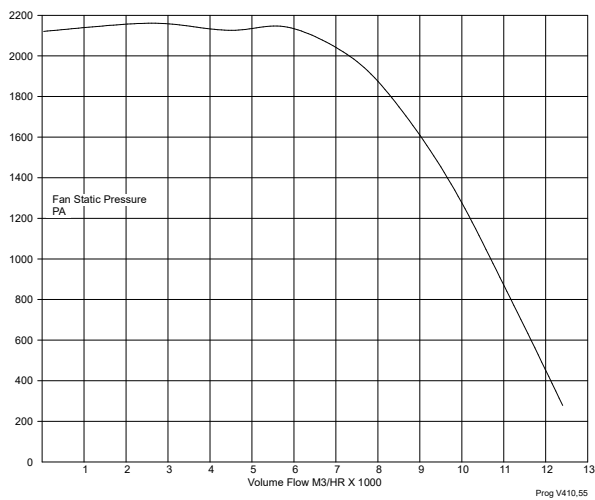
Pressure Curves



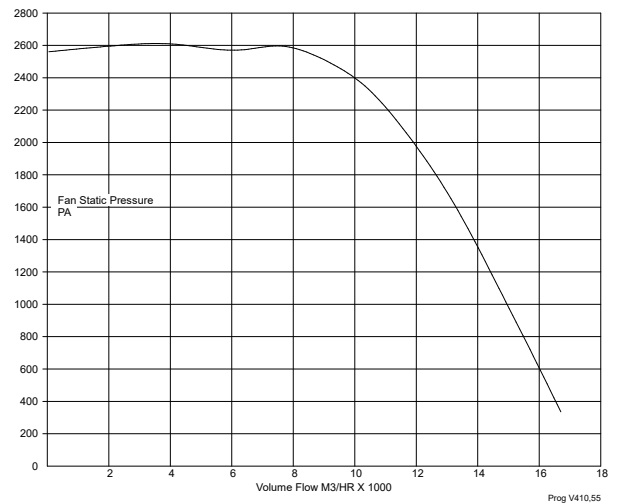
MC-DSC 4.500



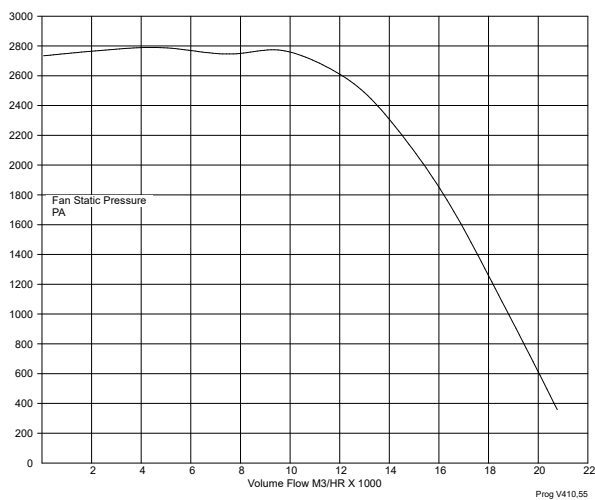
MC-DSC 6.200



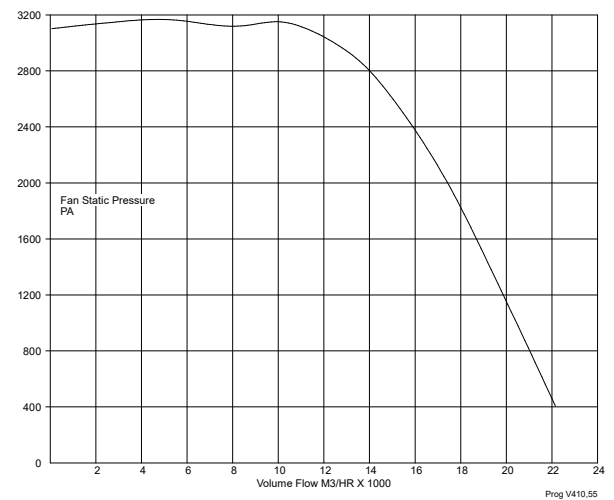
MC-DSC 12.500



MC-DSC 16.000

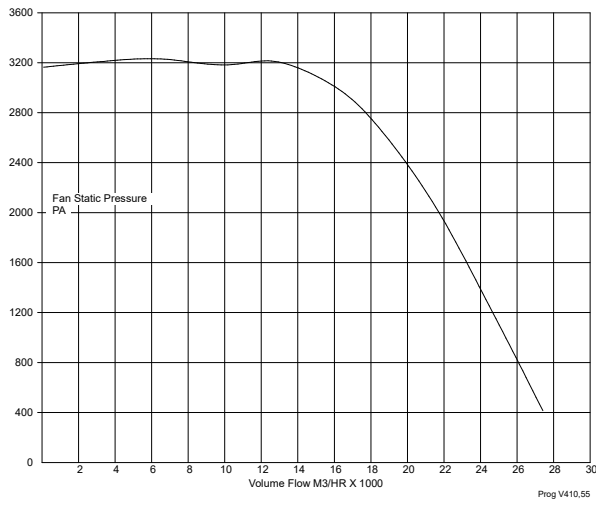


MC-DSC 20.000



MC-DSC 22.000

Technical Information



MC-DSC 27.000



CE



Options On Request



Anti Corrosion Fans



Ex-Proof

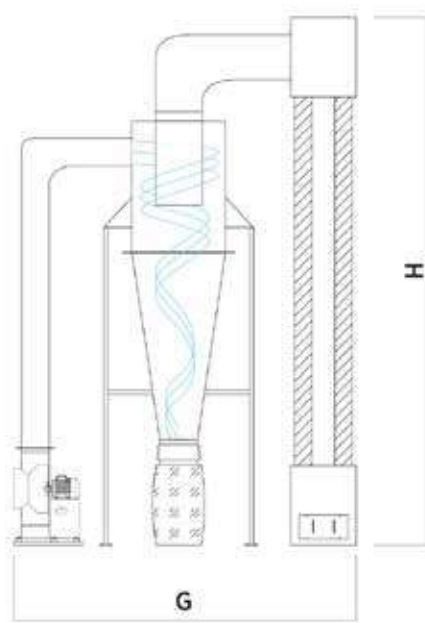
MC-DSS

DUST COLLECTOR

MC-DSS Serie Dust Suction Cyclones is designed specifically for high dust load and product recovery applications. It has a mechanical separator that uses centrifugal force to remove dust particulates from the air in industrial applications. Dusty air enters the cyclone and the dust particles travel around the inner wall of the cyclone. As the particles lose their velocity, they drop lower in the cyclone until they drop into the receptical below.

Technical Information

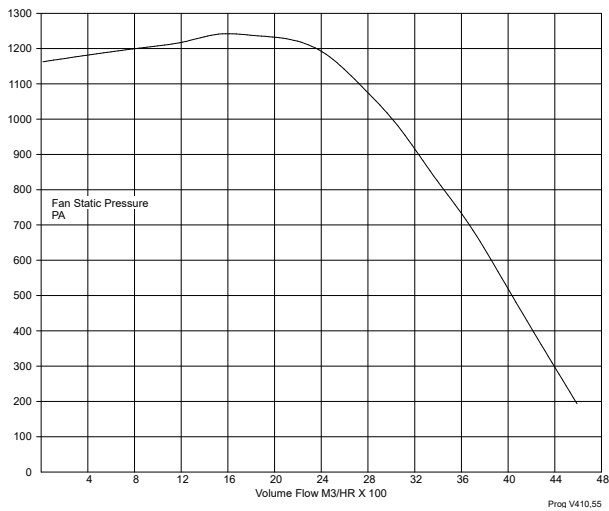
Model Type	Max m ³ /h	Max Pa.	kW	rpm d/d	A	Hz	Voltage
MC-DSS 4.500	4500	1100	1,1	2800	2,4	50	380
MC-DSS 6.200	6200	1400	2,2	2800	4,5	50	380
MC-DSS 12.500	12500	2100	4	2800	7,8	50	380
MC-DSS 16.000	16000	2600	5,5	2800	11	50	380
MC-DSS 20.000	20000	2800	11	2800	23	50	380
MC-DSS 22.000	22000	3000	15	2800	35	50	380
MC-DSS 27.000	27000	3300	18,5	2800	39	50	380



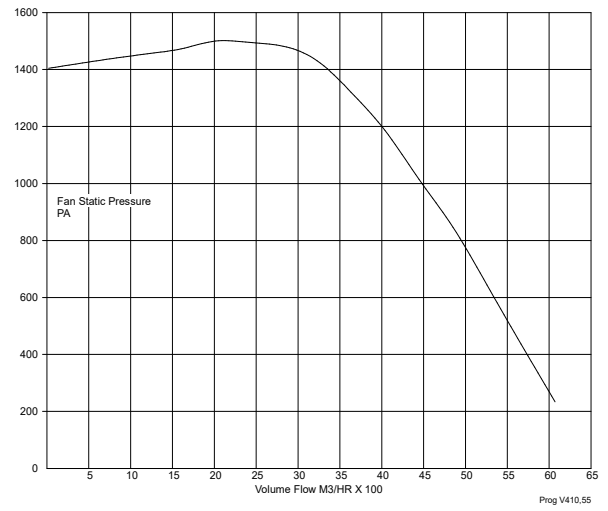
Model Type	H	G
MC-DSS 4.500	4580	2965
MC-DSS 6.200	5848	3295
MC-DSS 12.500	6600	3480
MC-DSS 16.000	8800	4215
MC-DSS 20.000	8800	4215
MC-DSS 22.000	8800	4215
MC-DSS 27.000	8800	4250



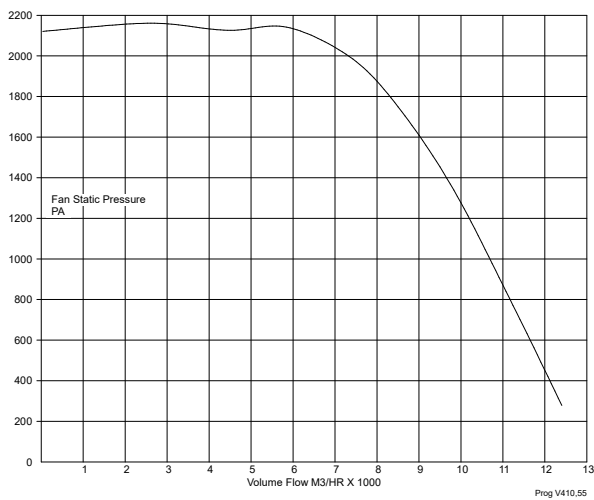
Pressure Curves



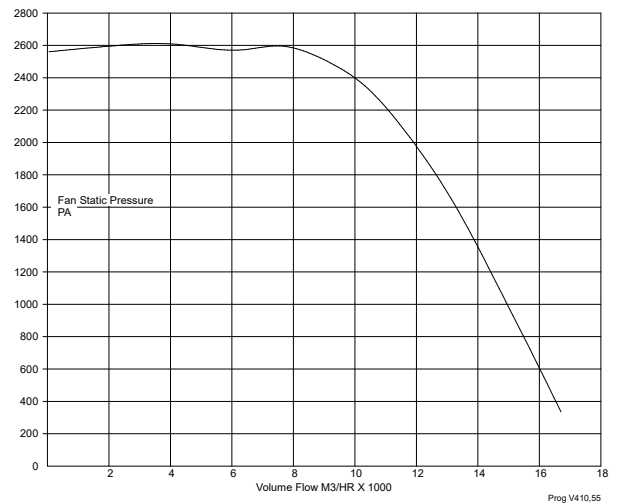
MC-DSS 4.200



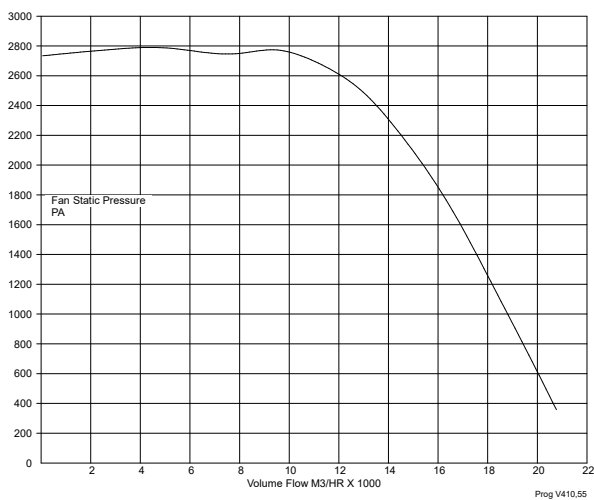
MC-DSS 6.200



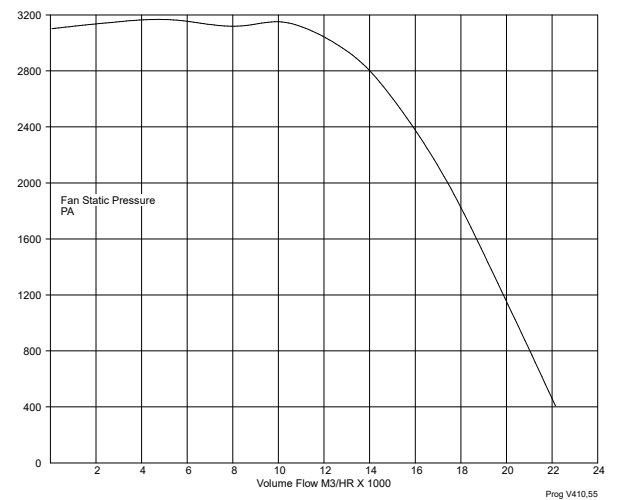
MC-DSS 12.500



MC-DSS 16.000

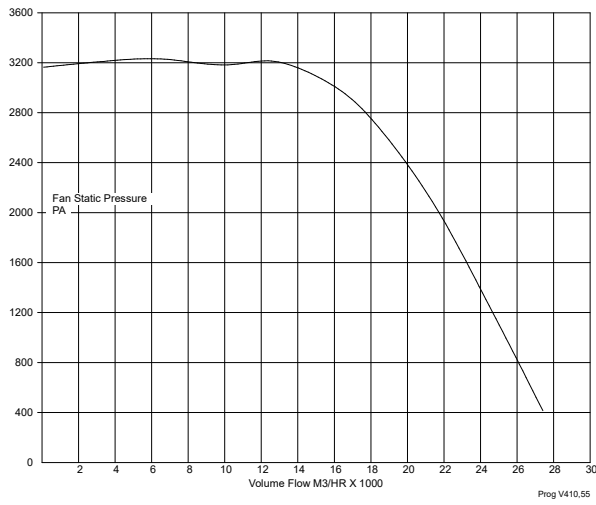


MC-DSS 20.000

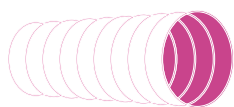


MC-DSS 22.000

Pressure Curves



MC-DSS 27.000



FLEXIBLE DUCTS





Flexible Ducts Models

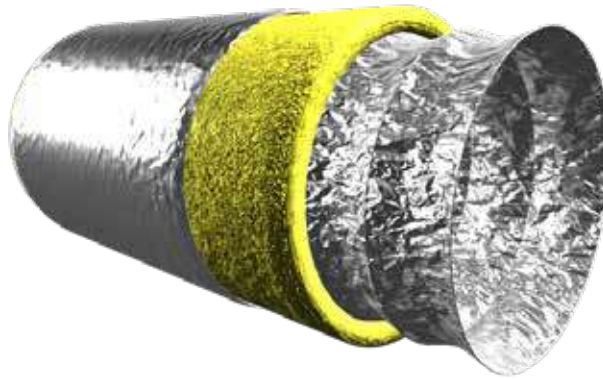
AIR

SKY

COMBI

ESSI

SHIELD

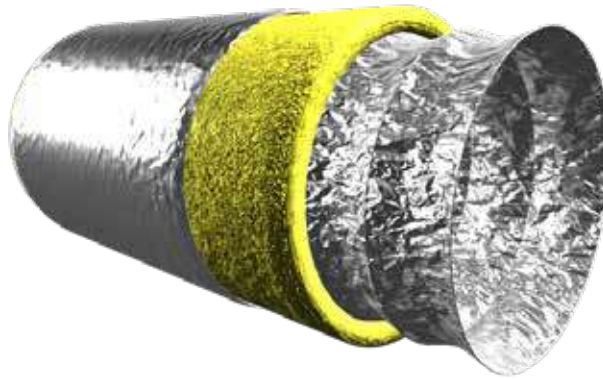


AIR

AIR Serie Heat Insulated Design Flexible Ducts can be customized according to different use cases. 5.000 Pa resistance of pressure. Standart packing is 10 meters. Standart Insulation Material is glasswool 25 mm(R-4.2) 40 mm(R-6) 50 mm(R-8) options available. Humdity resistance.

Technical Information

Material	Aluminum + Polyester
Material - Outer Jacket	Aluminum + Polyester
Insulation Material	Glasswool
Certificate	-
Flame Resistance	-30 °C / 80 °C
Maximum Air Velocity	30 m/s
Maximum Operating Pressure	5.000 Pa
Diameter Range	Ø 76 mm - Ø 610 mm
Standard Length	10 m/Box



SKY

SKY Serie Heat Insulated and Flame reterdant Flexible Ducts can be customized according to different use cases. 5.000 Pa resistance of pressure. Standart packing is 10 meters. Standart Insulation Material is glasswool 25 mm(R-4.2) 40 mm(R-6) 50 mm(R-8) options available.

Technical Information

Material	Aluminum + Polyester
Material - Outer Jacket	Aluminum + Polyester
Insulation Material	Glasswool
Certificate	Flame Retardant (M1)
Flame Resistance	-30 °C / 80 °C
Maximum Air Velocity	30 m/s
Maximum Operating Pressure	5.000 Pa
Diameter Range	Ø 76 mm - Ø 610 mm
Standard Length	10 m/Box

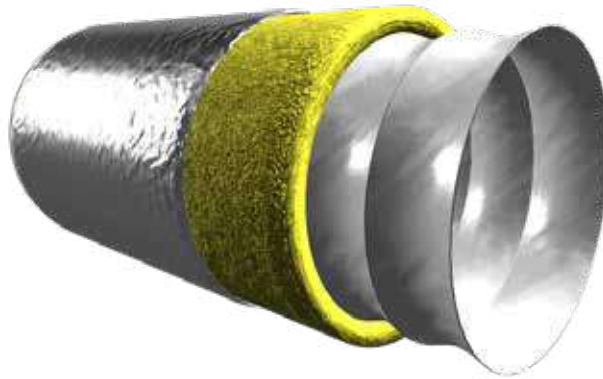


COMBI

Combi Serie Mousture Barrier and standart Flexible Ducts can be customized according to different use cases. 5.000 Pa resistance of pressure. Standart packing is 10 meters.

Technical Information

Material	Aluminum + Polyester
Material - Outer Jacket	-
Insulation Material	-
Certificate	Moisture Barrier
Flame Resistance	-30 °C / 120 °C
Maximum Air Velocity	30 m/s
Maximum Operating Pressure	5.000 Pa
Diameter Range	Ø 76 mm - Ø 610 mm
Standard Length	10 m/Box



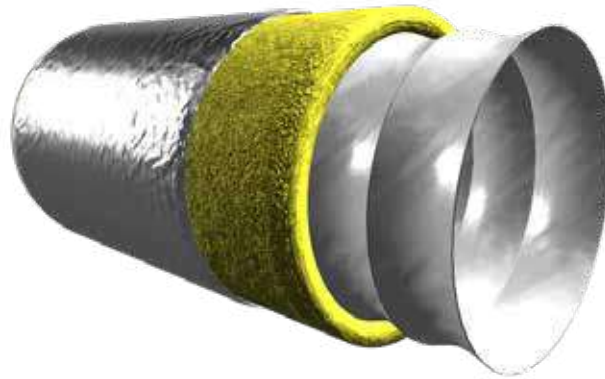
ESSI

Essi Serie Heat Insulated and 300 Denier PVC, Particle and tear resistant inner duct Flexibles can be customized according to different use cases.

10.000 Pa resistance of pressure. Standart packing is 10 meters. Standart Insulation Material is glasswool 25 mm(R-4.2) 40 mm(R-6) 50 mm(R-8) options available.

Technical Information

Material	PVC (300-denier)
Material - Outer Jacket	Aluminum + Polyester
Insulation Material	Glasswool
Certificate	Particle Resistant
Flame Resistance	-30 °C / 80 °C
Maximum Air Velocity	30 m/s
Maximum Operating Pressure	10.000 Pa
Diameter Range	Ø 76 mm - Ø 610 mm
Standard Length	10 m/Box



SHIELD

Shield Serie Heat Insulated and 750 Denier PVC, Particle and tear resistant inner duct Flexibles can be customized according to different use cases.

10.000 Pa resistance of pressure. Standart packing is 10 meters. Standart Insulation Material is glasswool 25 mm(R-4.2) 40 mm(R-6) 50 mm(R-8) options available.

Technical Information

Material	PVC (750-denier)
Material - Outer Jacket	Aluminum + Polyester
Insulation Material	Glasswool
Certificate	Particle Resistant
Flame Resistance	-30 °C / 80 °C
Maximum Air Velocity	30 m/s
Maximum Operating Pressure	10.000 Pa
Diameter Range	Ø 76 mm - Ø 610 mm
Standard Length	10 m/Box

CONTROL DEVICES & ACCESSORIES





Control Devices & Accessories Models

MVS

MFS



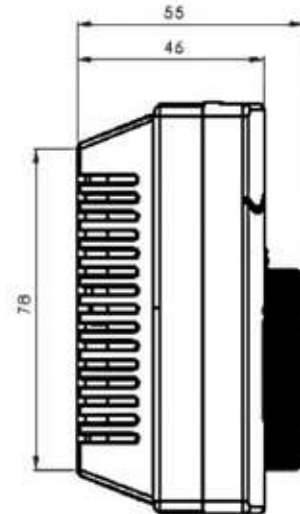
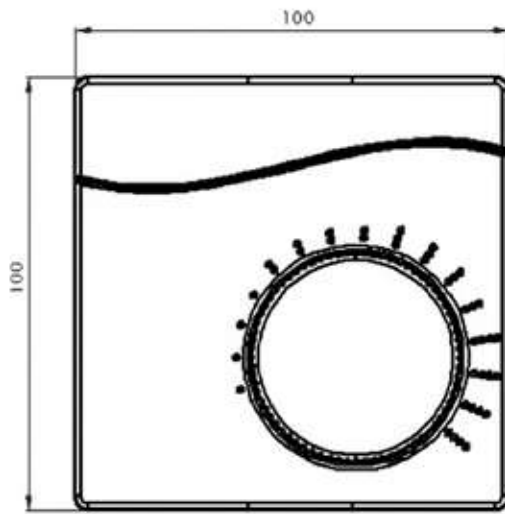
MVS

ANALOG MONO-PHASE CONTROL DEVICES

MVS Serie Analog Mono-phase control devices are designed for proportional control of single-phase Fan Motors. Can be used in many fan speed control applications such as heat recovery devices where resistive and inductive loads at small powers are manually controlled proportionally, kitchen hoods, aspirators and ventilators. Maximum load capacity from 2.5 A to 7.5 A.

Technical Information

Operating Temperature	0 ... +40°C / -25 ... +70°C (No Icing and Condensation conditions)
Protection Class	EN 60529 according to IP 20
Mounting Type	Wall Mounted
Dimensions	G100xY100xD56 mm
Weight	130 gr
Control	Internal Potency
Voltage Feed	230 VAC $\pm$ %10, 50/60 Hz
Output	Phase Break Voltage
Güç Power	1 VA
Connection	1,5 mm ² klemens



Weight 125 g.



MFS

ANALOG MONO-PHASE CONTROL DEVICES

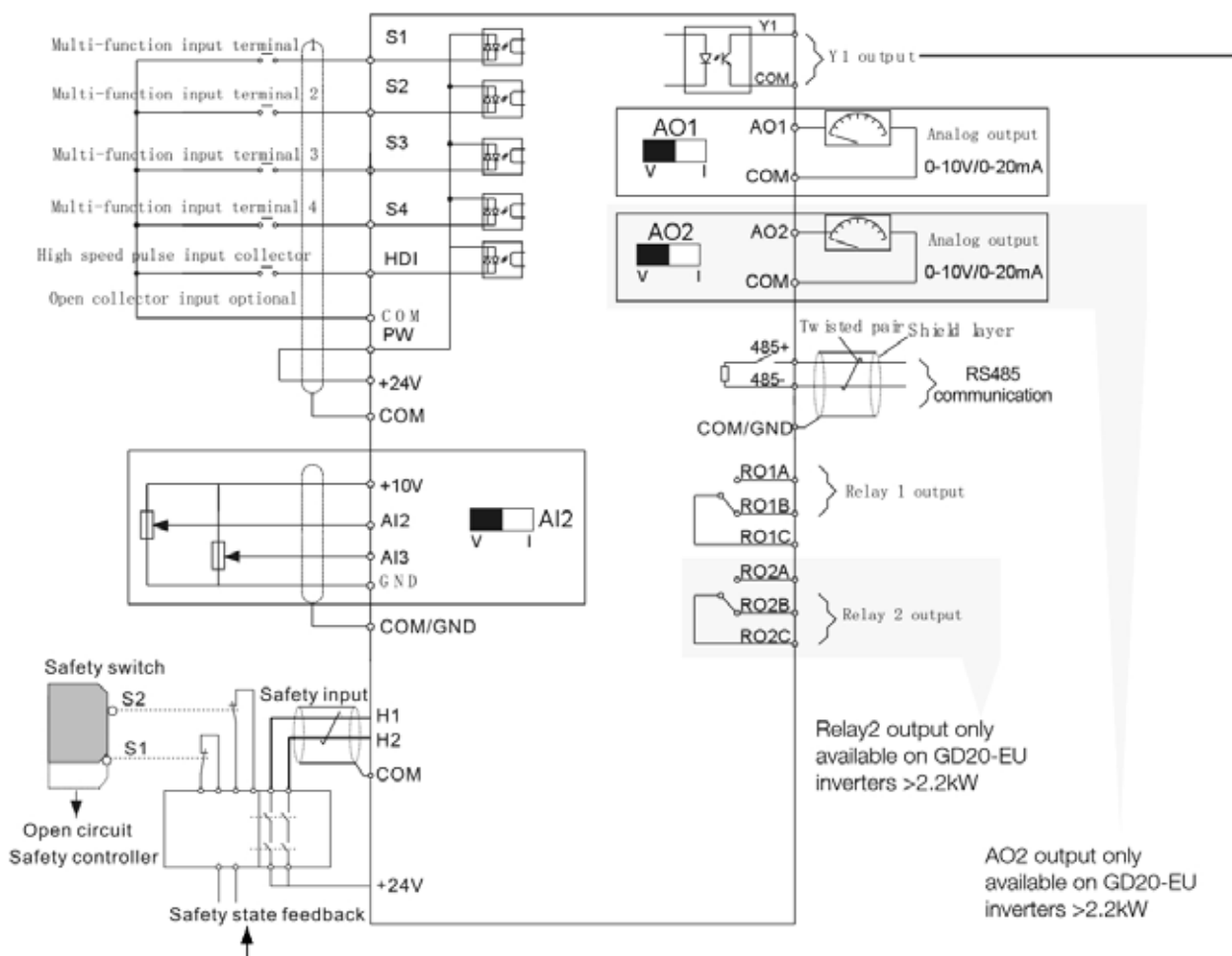
MFS-M Serie Monophase Frequency Invertor's general purpose, for wide range applications as in the industries of process-automation, machine-tools, fanpumps, building automation, material handling, automotive, textile, dyeing, printing, packaging, robotics, centrifugal, woodprocessing, foodbeverage, cemical industry, oilgas, public-community, steel-mill, miningretrofit. All products are compliant with international standards.

CE,UL individual approvals. Flexible inverter control, dual high resolution analogue inputs, free mapping for all I/O channels. Intelligent AUTOTUNING functions for easy setup.

Technical Information

Main Features

- V/F and Sensorless Vector Control
- External keypad for parameters copy
- Common DC bus solution (400V; $\geq 4\text{kW}$)
- Starting torque up to 0,5Hz/150%
- Built-in DC reactor for inverters $\geq 18,5\text{kW}$
- Built-in braking unit (Standard $\leq 37\text{kW}$, optional $\geq 45\text{kW}$)
- Standard C3 filter ($\geq 4\text{kW}$), optional C3 filter ($\leq 2,2\text{kW}$) and C2 filter





FUNCTION		SPECIFICATION
POWER INPUT	Input Voltage (V)	1 PH 220 V (-15%) ~ 240 V (+10%) 3 PH 220 V (-15%) ~ 240 V (+10%) 3 PH 380 V (-15%) ~ 440 V (+10%)
	Input Current (A)	Refer to the rated value
POWER INPUT	Input Frequency (Hz)	50Hz or 60Hz, allowed range: 47 ~ 63Hz
	Output Motor Capacity (kW)	Refer to the rated value
	Output Current (A)	Refer to the rated value
	Output Voltage (V)	0~input voltage, error<5%
	Output Frequency (Hz)	0~400Hz
TECHNICAL CONTROL FEATURE	Control Mode	SVPWM, SVC
	Adjustable-Speed Ratio	0:100
	Speed Control Accuracy	±0,2% (SVC)
	Speed Fluctuation	±0,3% (SVC)
	Torque Response	<20ms (SVC)
	Torque Control Accuracy	10%
	Starting Torque	0,5HZ/150% (SVC)
	Overload Capability	150 of rated current: 1 minute 180 of rated current: 10 minute 200 of rated current: 1 second
RUNNING CONTROL FEATURE	Frequency Setting Method	Digital setting, analog setting, pulse frequency setting, multi-step speed running setting, simple PLC setting, PID setting, MODBUS communication setting. Shift between the set combination and set channel
	Auto-adjustment of the Voltage	Keep a stable voltage automatically when the grid voltage transients
	Fault Protection	Provide comprehensive fault protection functions: over-current, over-voltage, under-voltage, over-heating, phase loss and overload etc.
PERIPHERAL INTERFACE	Analog Input	1 (AI2) 0~10V/0~20mA and 1 (AI3) - 10~10V
	Analog Output	2 (AO1,AO2) 0~10V/0~20mA (Only 1 AO for inverters ≤2,2kW)
	Digital Input	4 common inputs, the Max. frequency: 1kHz; 1 high speed input, the Max. frequency: 50kHz
	Digital Output	1 Y1 terminal output
	Relay Output	2 programmable relay outputs (Only 1 Relay output for inverters ≤2,2kW) RO1A NO, RO1B NC, RO1C common terminal RO2A NO, RO2B NC, RO2C common terminal Contactor capacity: 3A/AC250V
OTHERS	Mountable Method	Wall and rail mountable
	Braking Unit	≤35kW Standard built-in. 45~110kW Optional built-in (model "-B")
	EMI Filter	Optional filter: meet the degree requirement of IEC61800-3 C2, IEC61800-3 C3
	Temperature of the Running Environment	-10~50°C , Above 40°C, derate 1% for every additional 1°C
	Altitude	<1000m , Above 1000m, derate 1% for every additional 100m.
	Protective Degree	IP20
	Safety	Meet the requirement of CE
	Cooling	Fan cooling



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