

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.

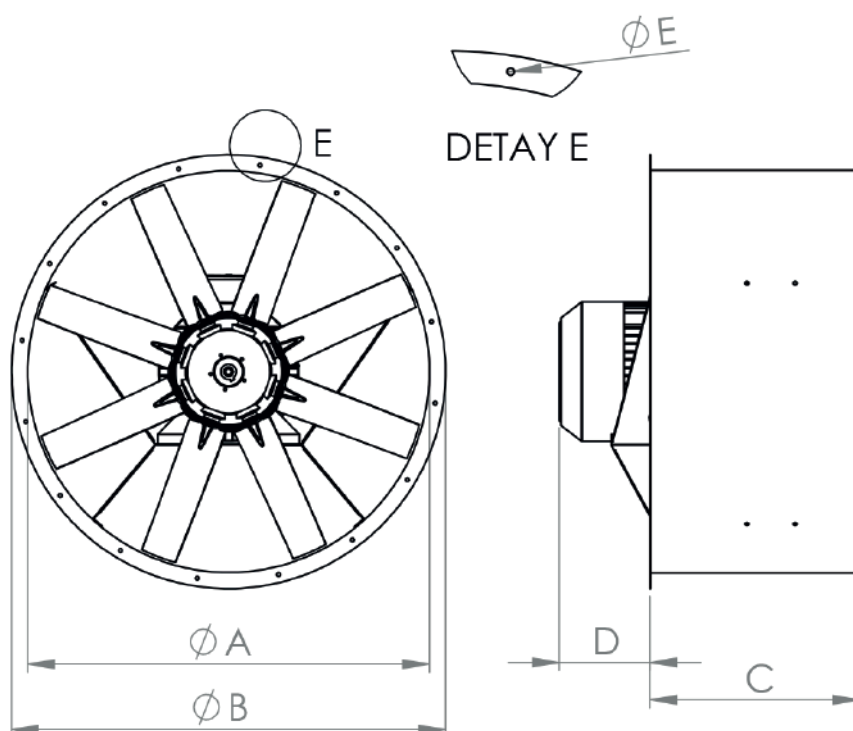
Technical Information

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.

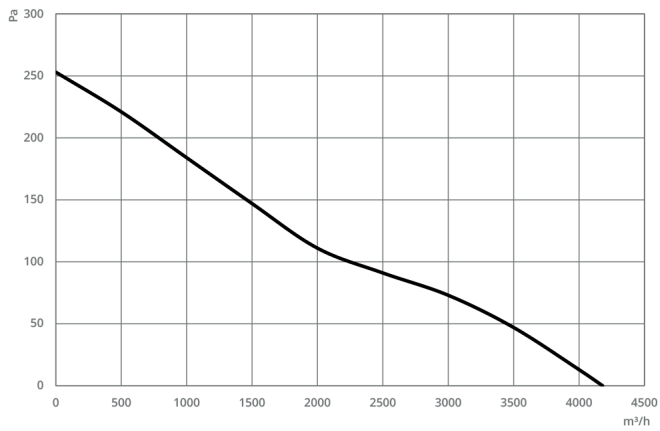


Technical Information

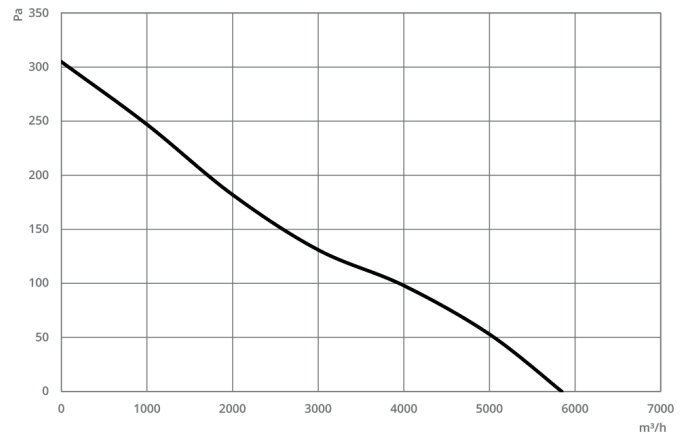


Model Type	Max m³/h	kW	rpm d/d	Hz	Voltage	Sound dB
MAX F300 450-5-25	4180	0,55	1456	50	380	69
MAX F300 500-5-25	5845	0,55	1453	50	380	72
MAX F300 560-5-25	8150	0,75	1466	50	380	75
MAX F300 630-5-30	13480	1,10	1465	50	380	80
MAX F300 710-5-30	19210	1,50	1472	50	380	83
MAX F300 800-5-30	25560	2,20	1459	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

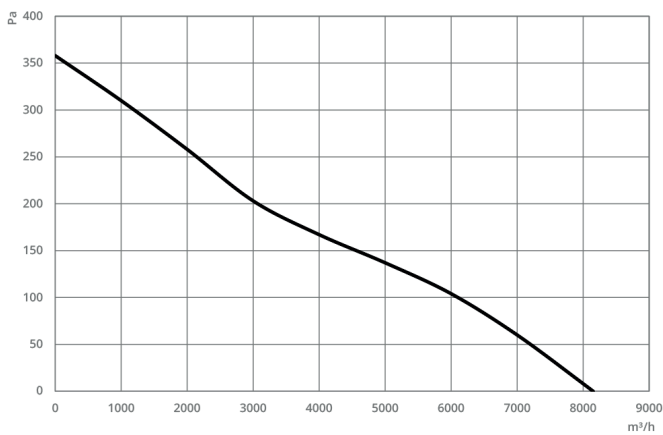
Pressure Curves



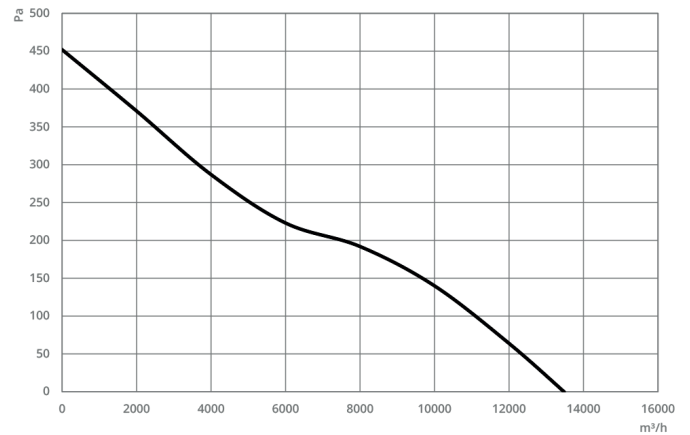
MAX F300 450-5-25



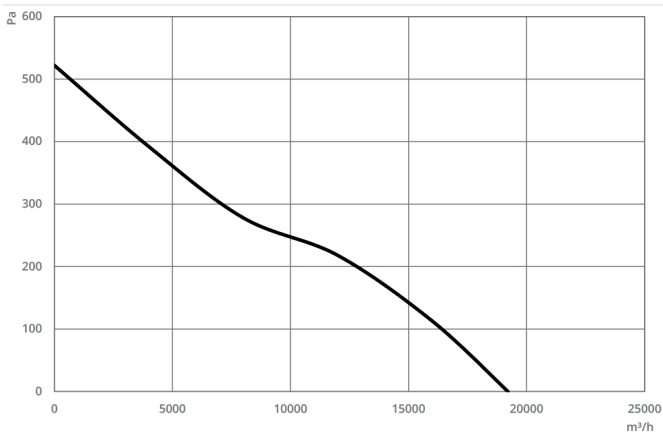
MAX F300 500-5-25



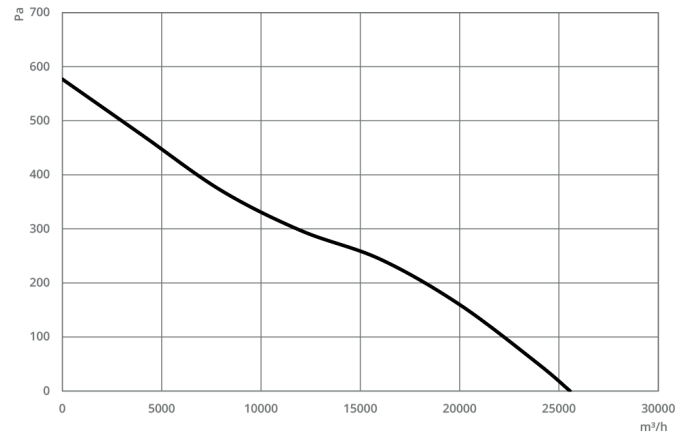
MAX F300 560-5-25



MAX F300 630-5-30



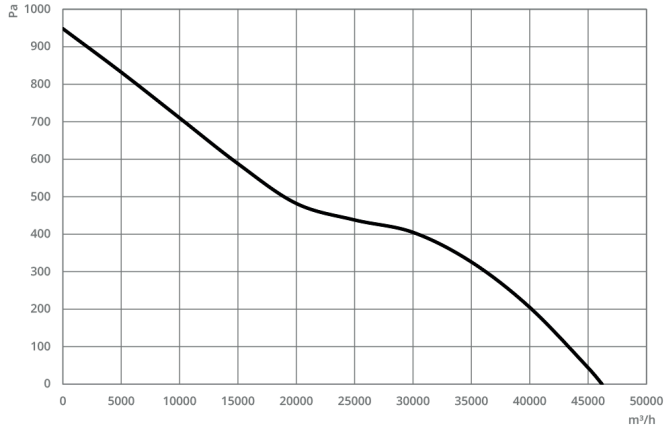
MAX F300 710-5-30



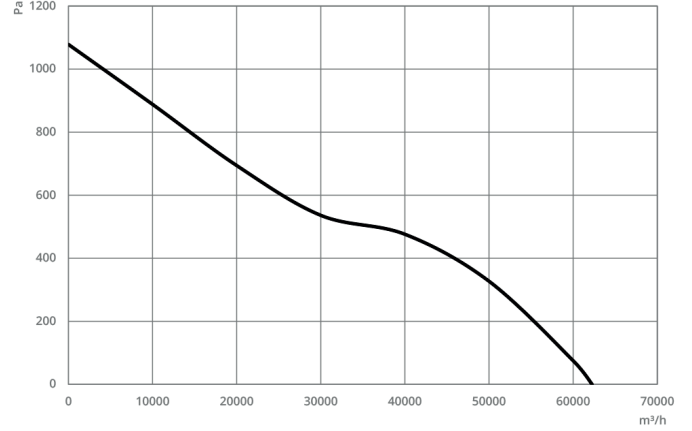
MAX F300 800-5-30



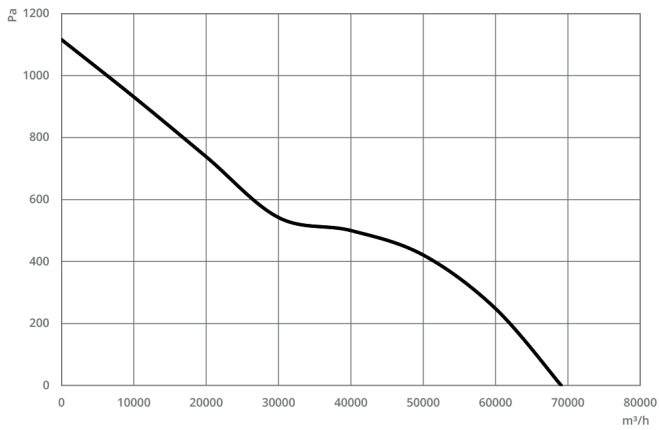
Pressure Curves



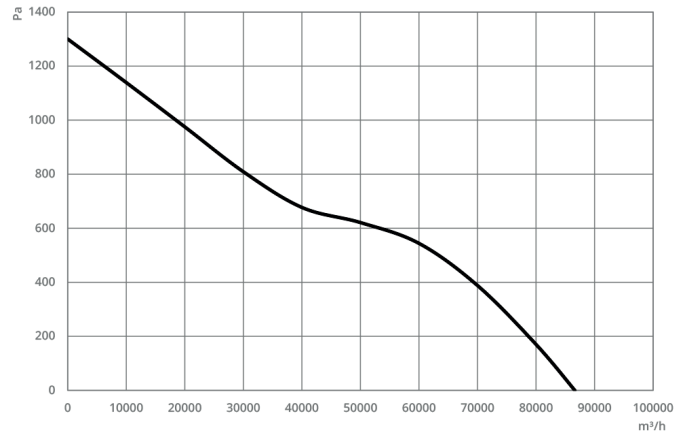
MAX F300 900-8-40



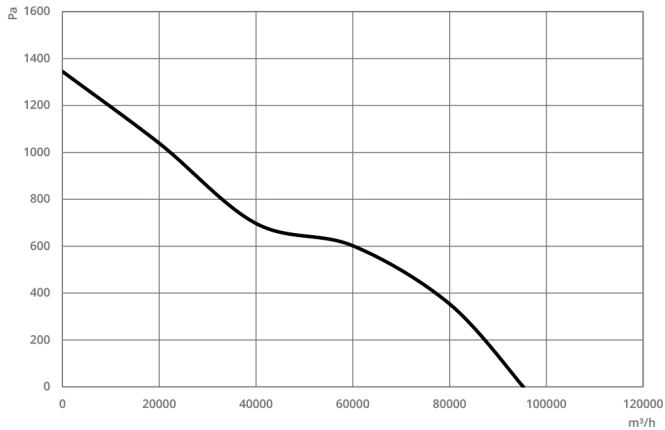
MAX F300 1000-8-40



MAX F300 1000-8-45

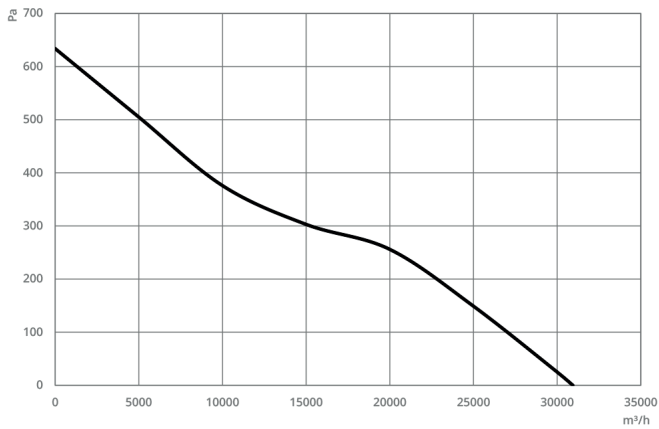


MAX F300 1120-8-40

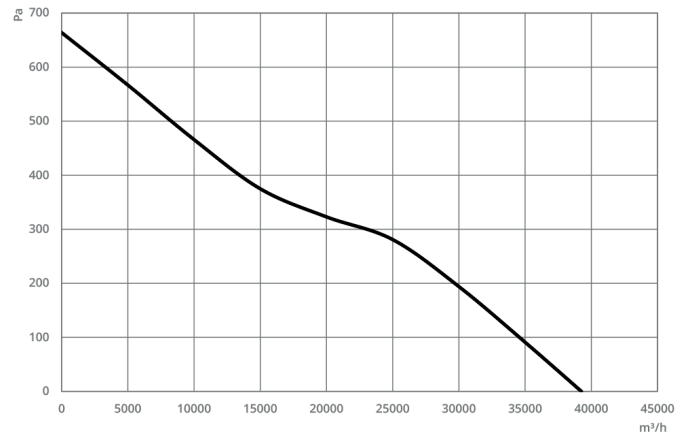


MAX F300 1120-8-45

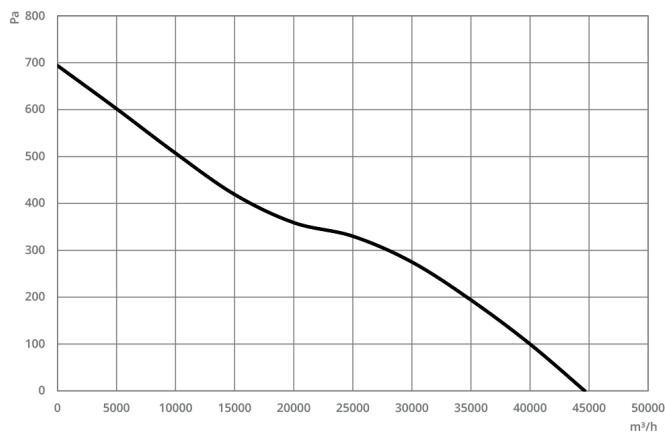
Pressure Curves



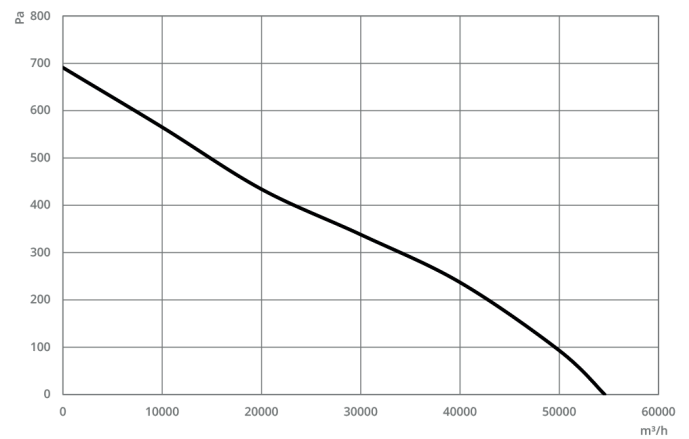
MAX F300 800-5-35



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.

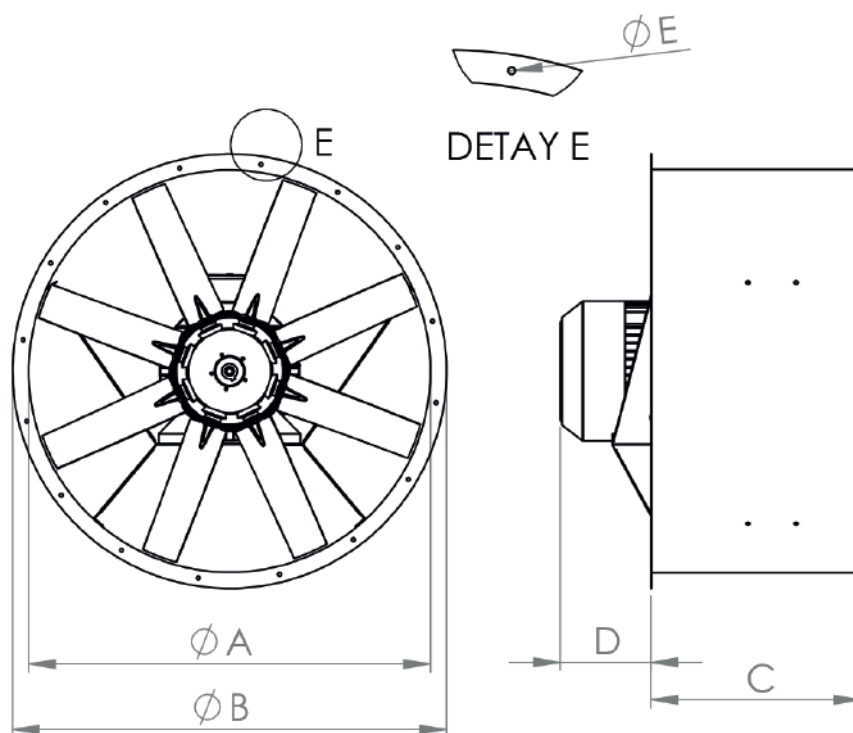
Technical Information

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.

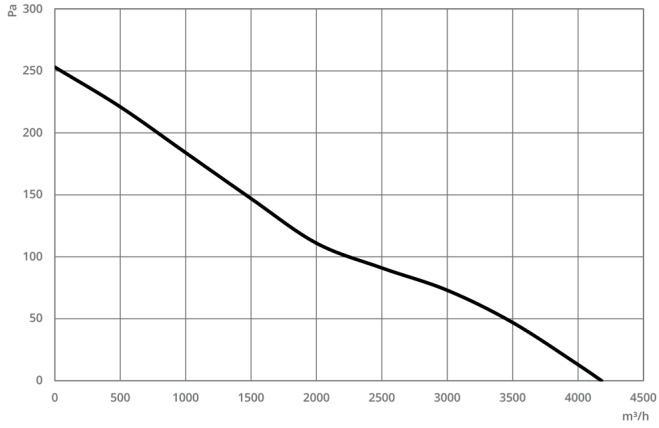


Technical Information

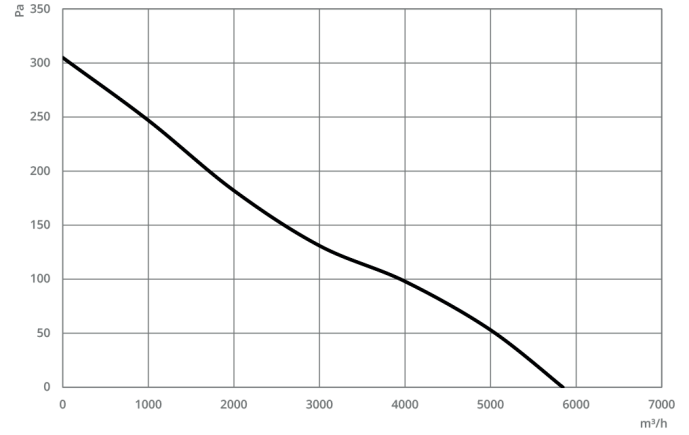


Model Type	A	B	C	D	E	N (Number of Holes)
MAX F400 450-5-25	450	530	320	50	11	8
MAX F400 500-5-25	500	580	320	70	11	8
MAX F400 560-5-25	560	640	320	60	11	12
MAX F400 630-5-30	630	710	420	45	11	12
MAX F400 710-5-30	710	790	420	25	11	12
MAX F400 800-5-30	800	880	420	50	11	16
MAX F400 800-5-35	800	880	420	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

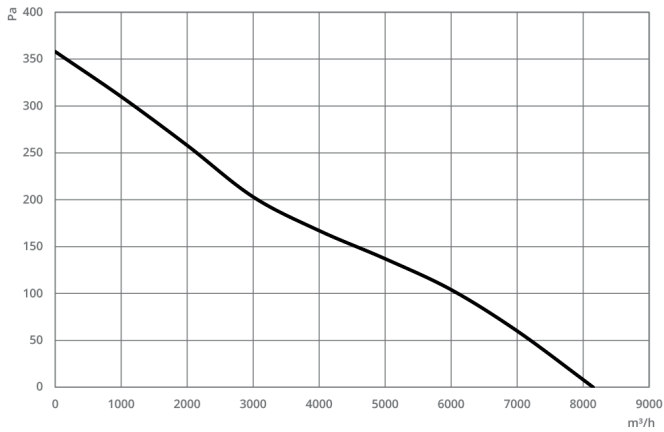
Pressure Curves



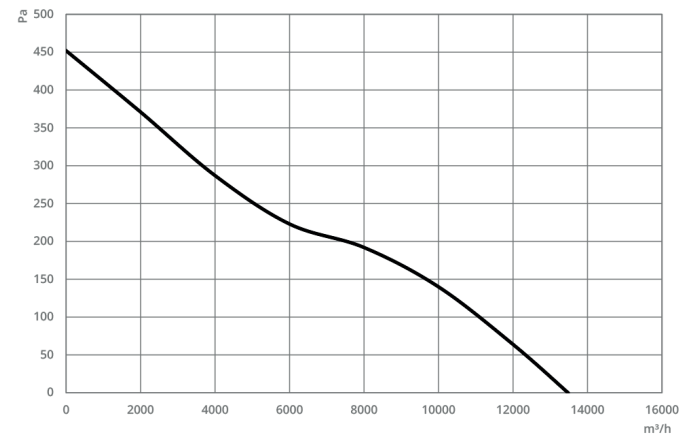
MAX F400 450-5-25



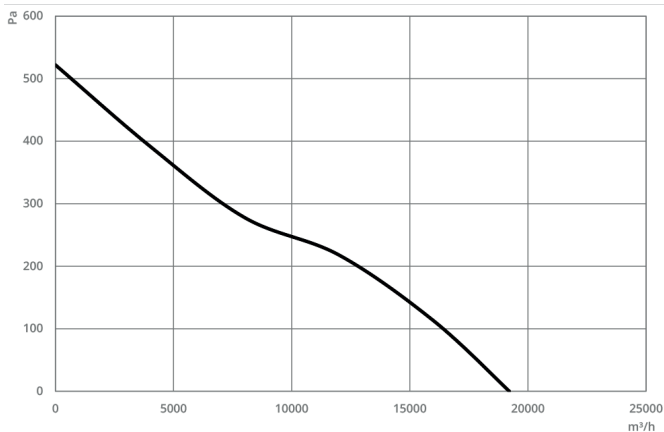
MAX F400 500-5-25



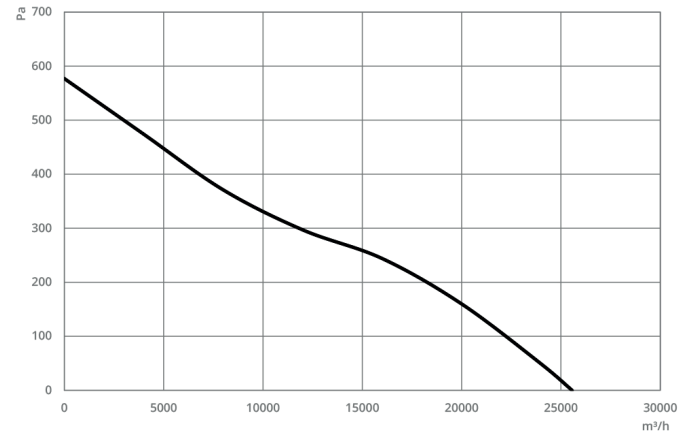
MAX F400 560-5-25



MAX F400 630-5-30



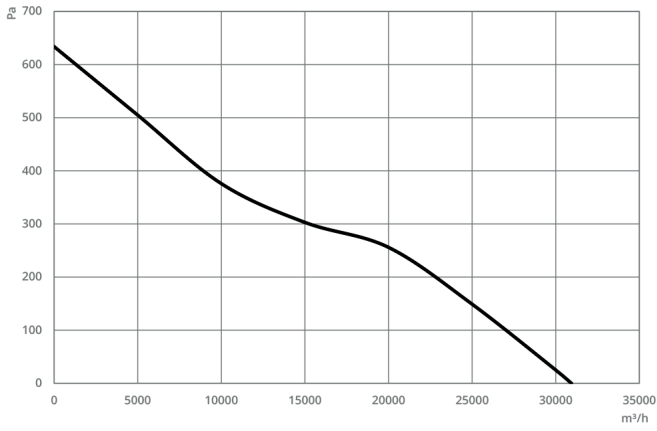
MAX F400 710-5-30



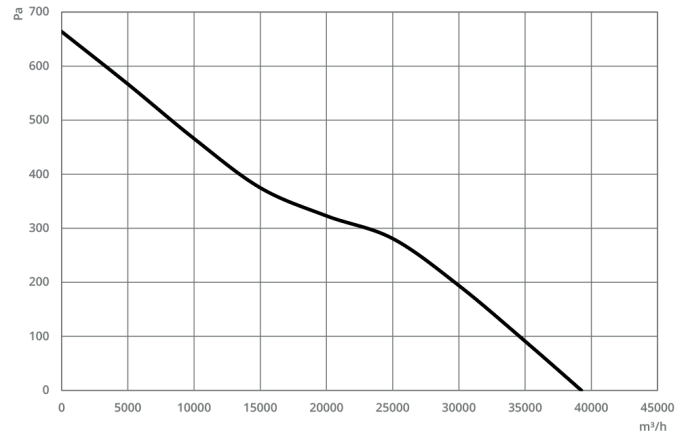
MAX F400 800-5-30



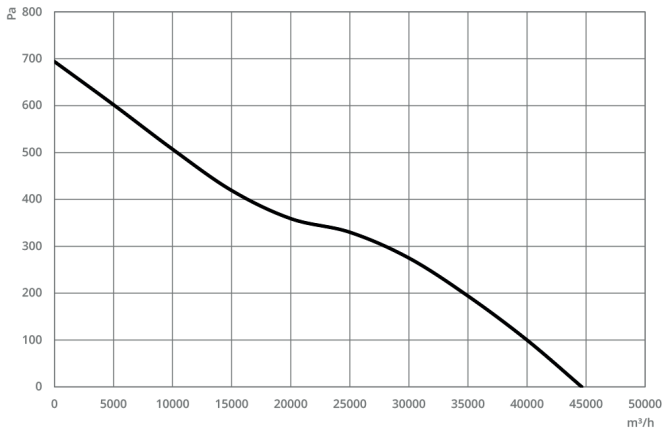
Pressure Curves



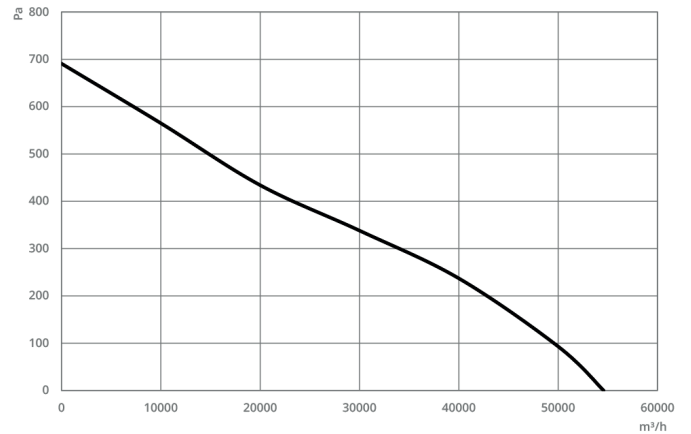
MAX F400 800-5-35



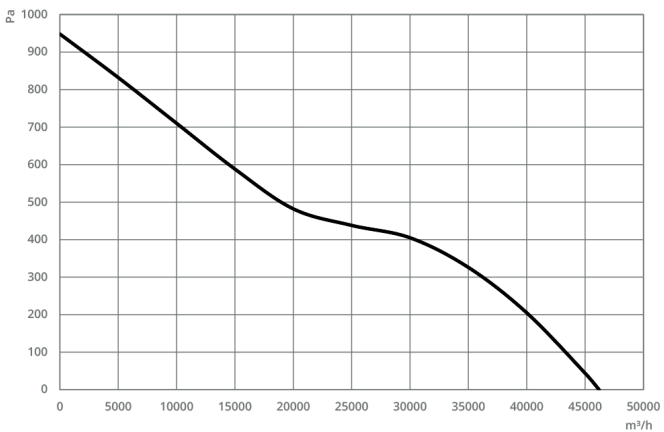
MAX F400 900-5-35



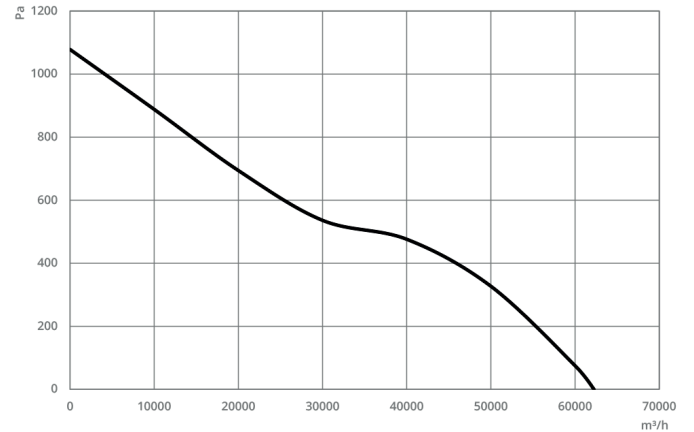
MAX F400 900-5-40



MAX F400 1000-5-40

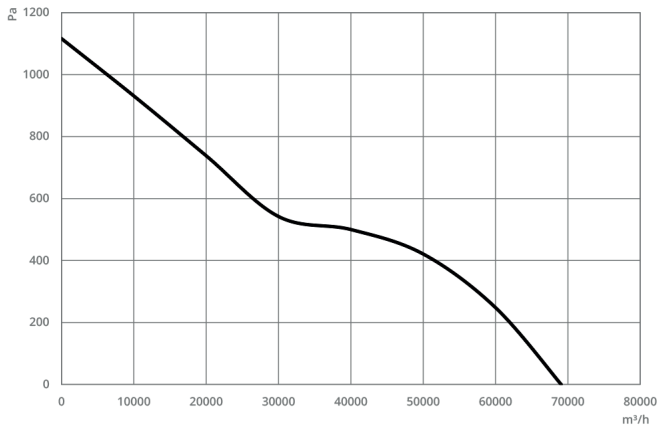


MAX F400 900-8-40

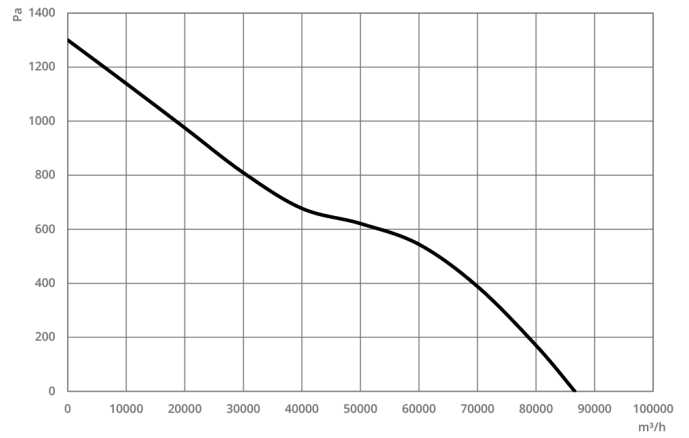


MAX F400 1000-8-40

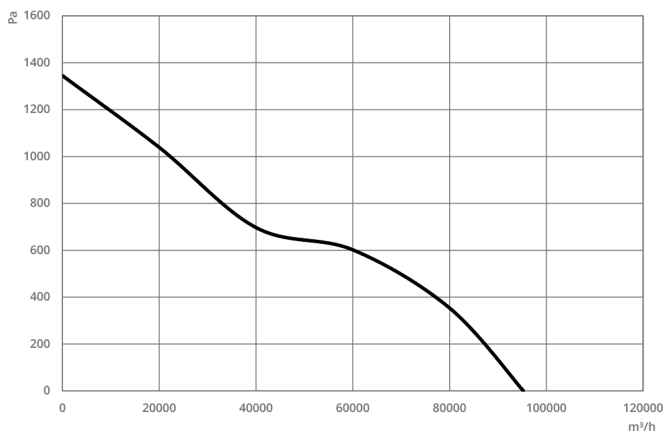
Pressure Curves



MAX F400 1000-8-45



MAX F400 1120-8-40



MAX F400 1120-8-45



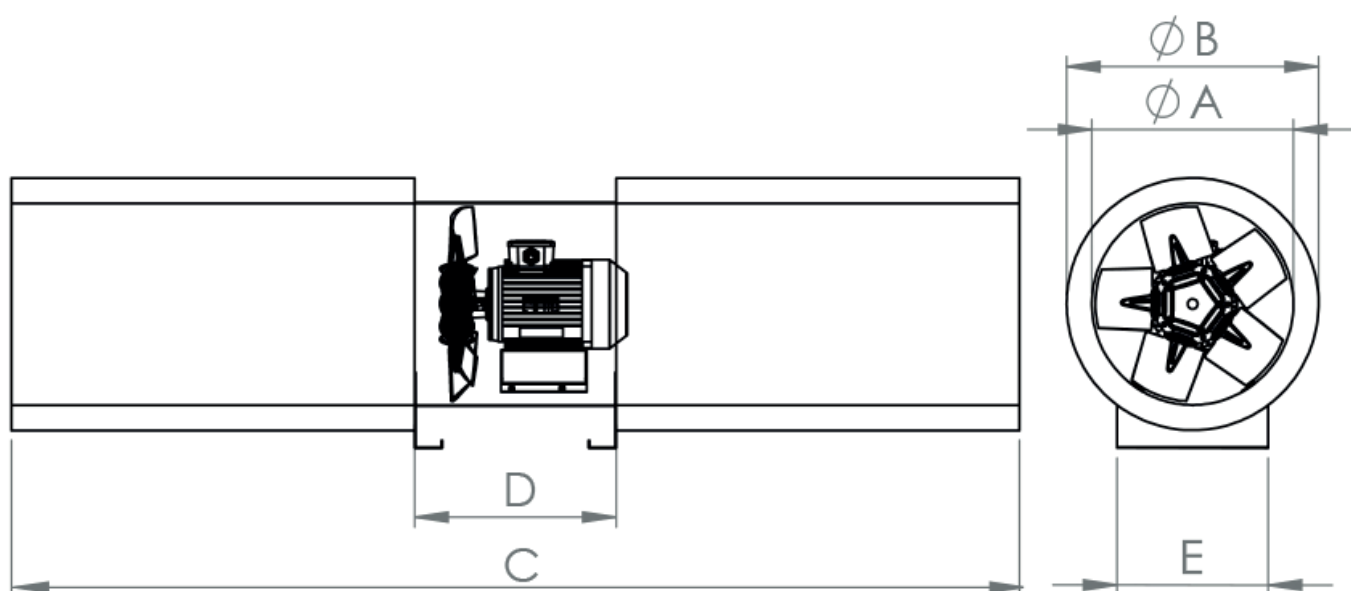
MA-JF F300

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



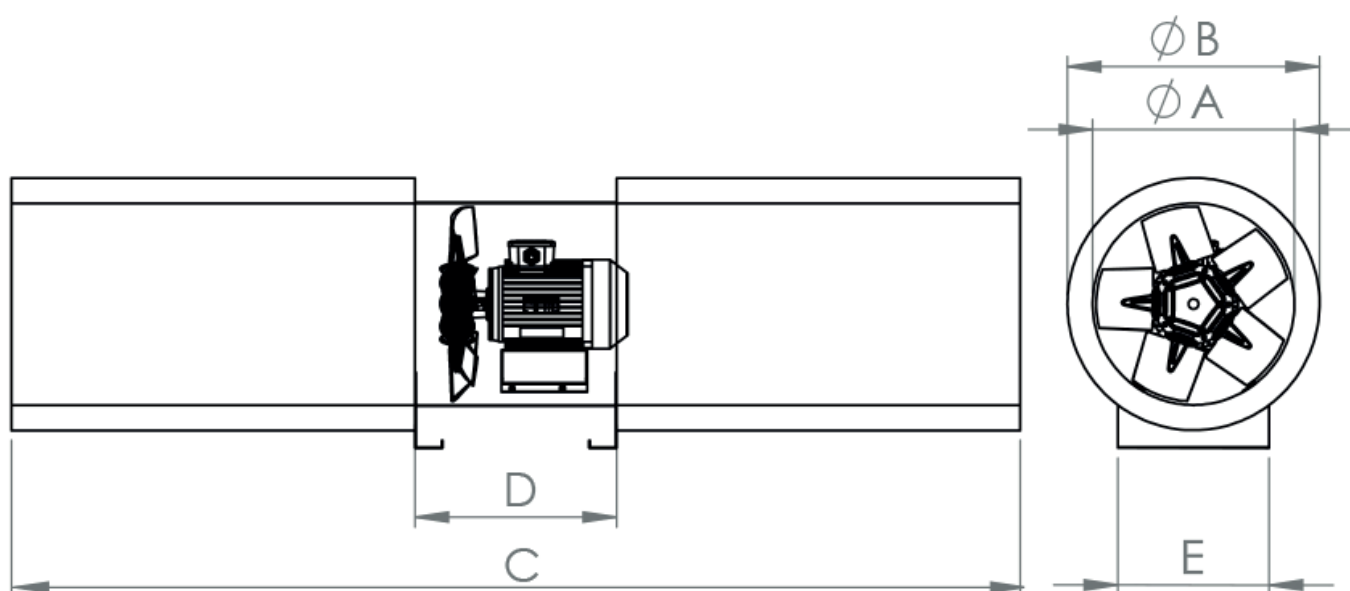
MA-JF F400

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



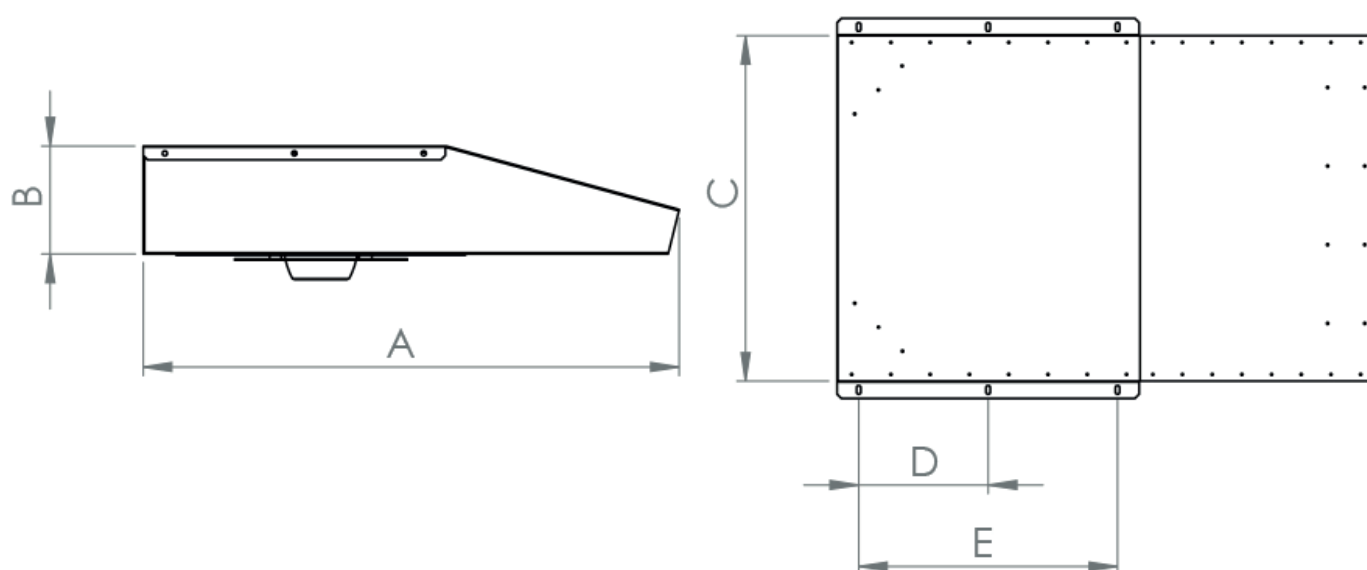
MR-JF F300

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



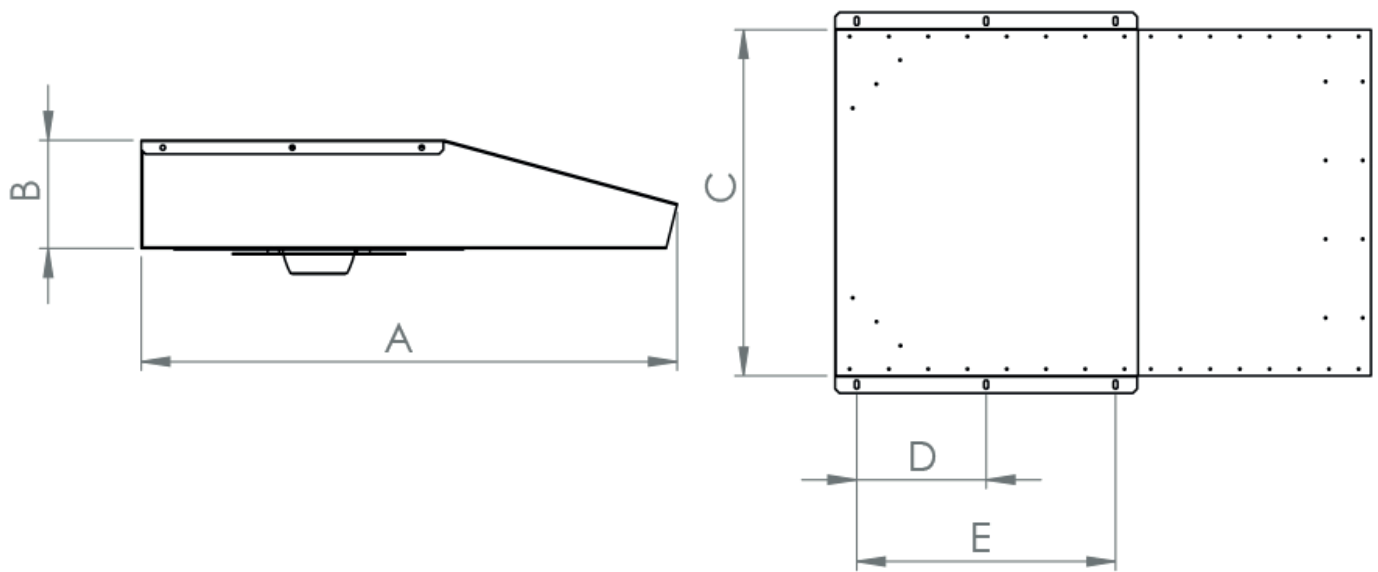
MR-JF F400

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 m ³ /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.

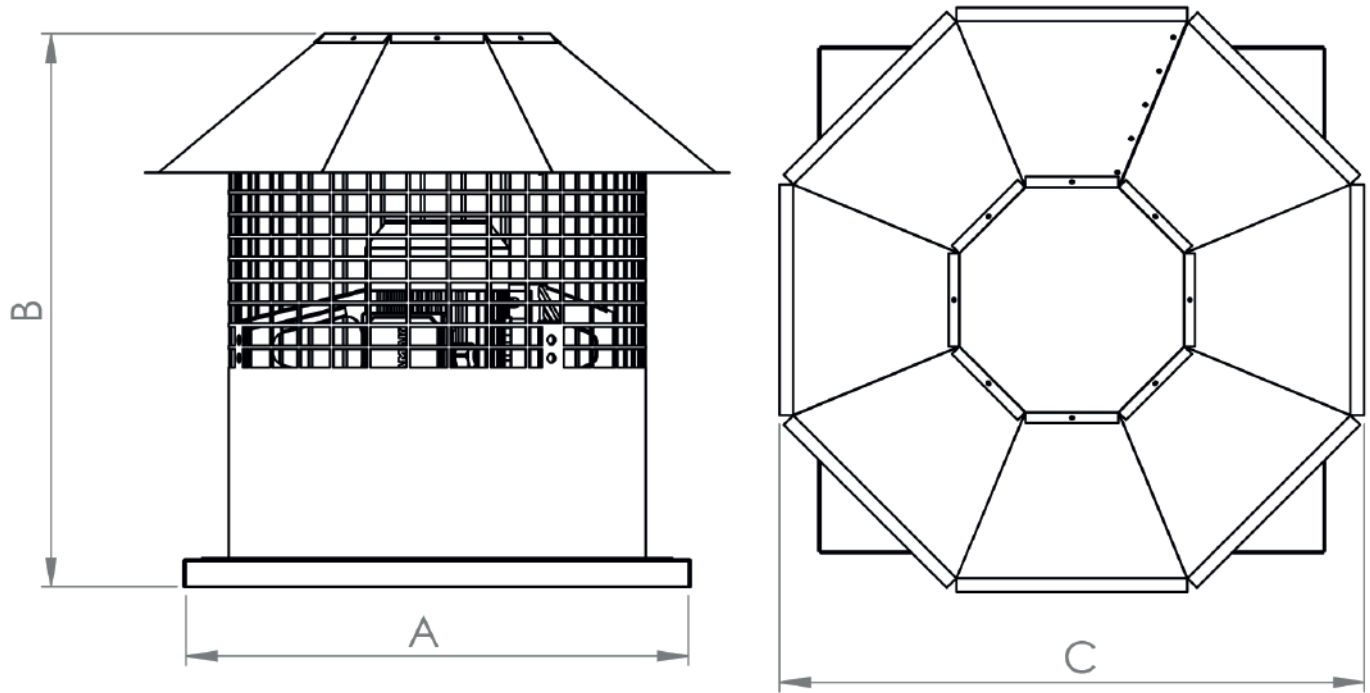
Technical Information

Model Type	Max m³/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.

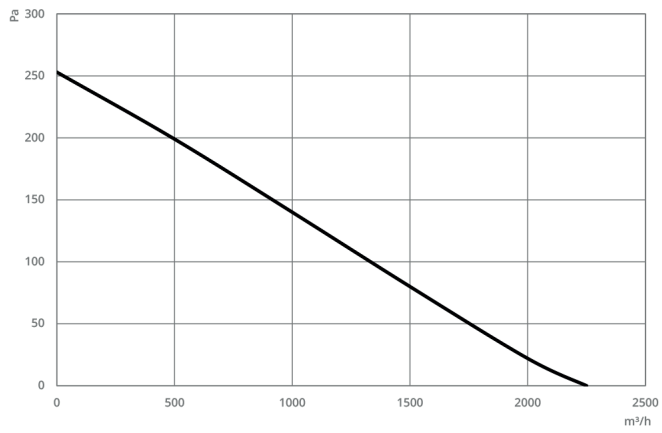


Technical Information

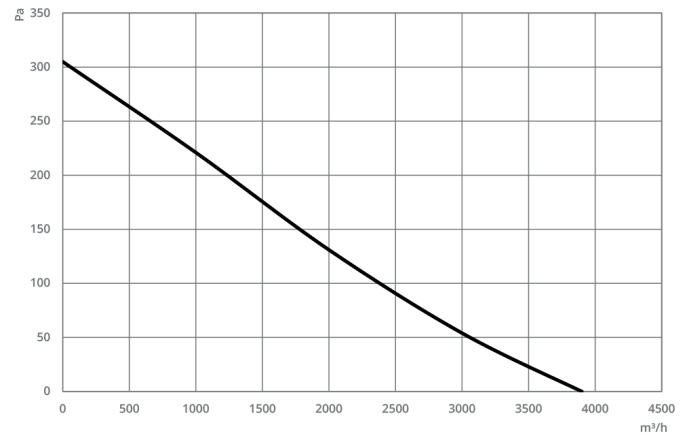


Model Type	A	B	C
MA-RH F300 450	550	800	640
MA-RH F300 500	600	800	700
MA-RH F300 560	650	800	760
MA-RH F300 630	750	850	850
MA-RH F300 710	850	850	950
MA-RH F300 800	950	850	1070
MA-RH F300 900	1050	1200	1140
MA-RH F300 1000	1150	1200	1240
MA-RH F300 1120	1250	1550	1390

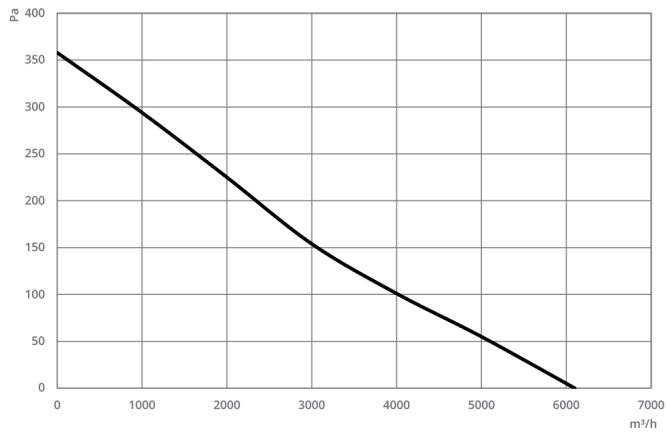
Pressure Curves



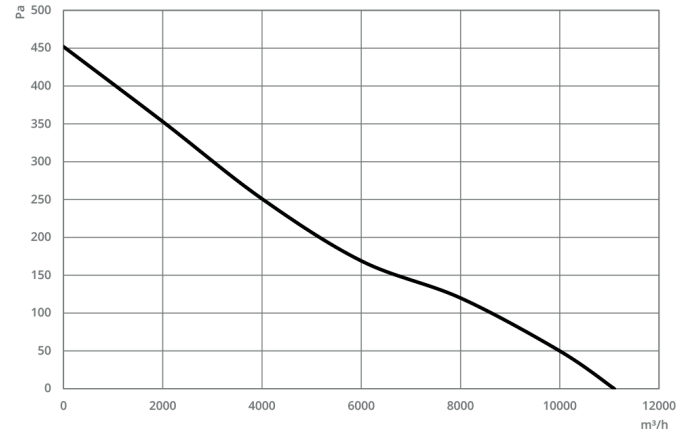
MA-RH F300 450-5-25



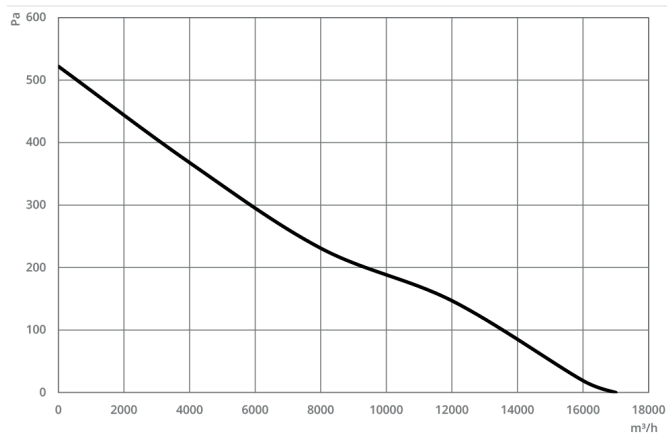
MA-RH F300 500-5-25



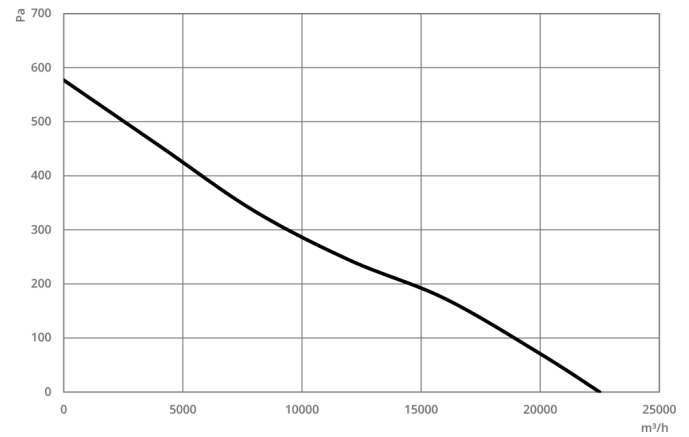
MA-RH F300 560-5-25



MA-RH F300 630-5-30



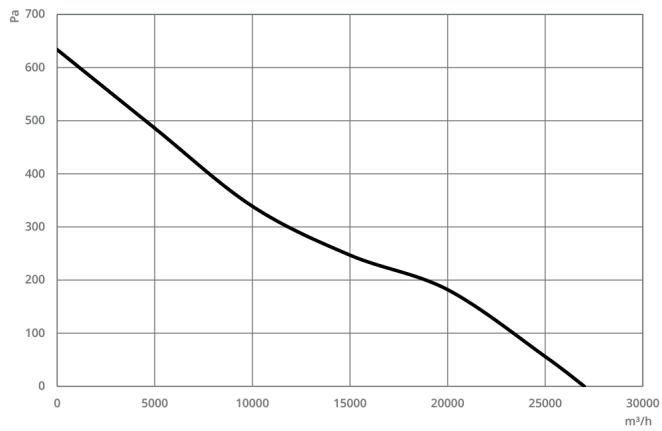
MA-RH F300 710-5-30



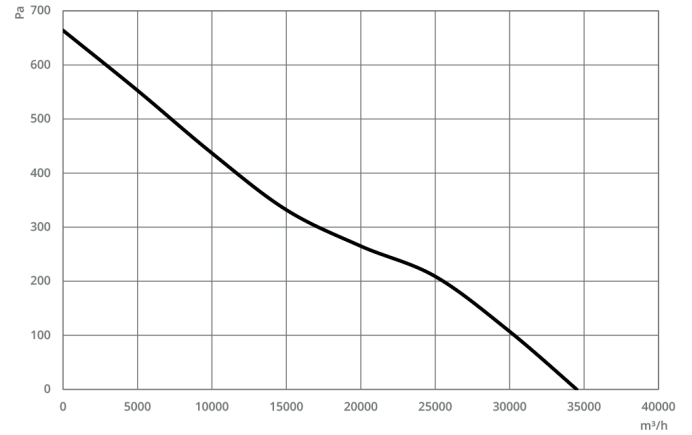
MA-RH F300 800-5-30



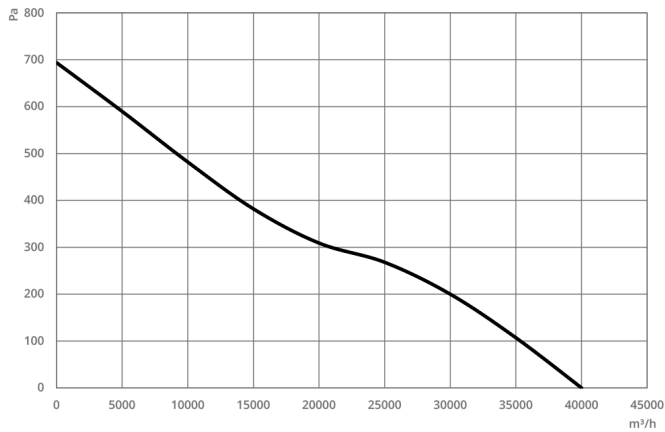
Pressure Curves



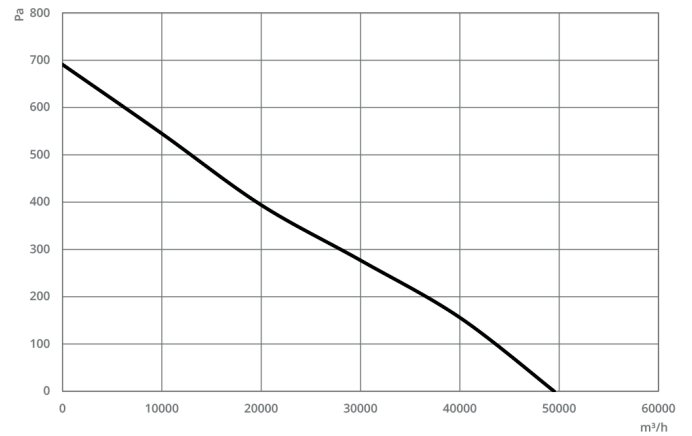
MA-RH F300 800-5-35



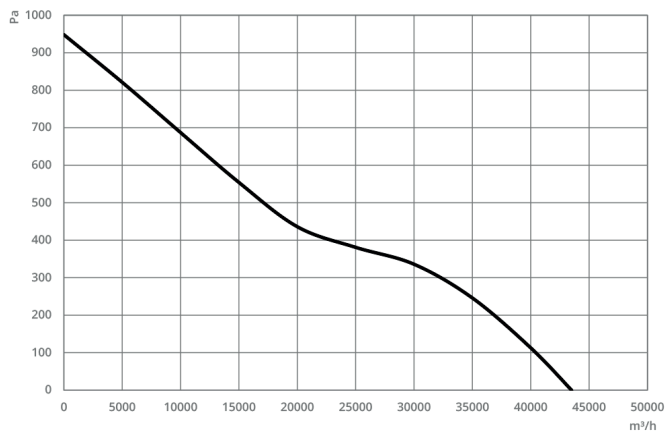
MA-RH F300 900-5-35



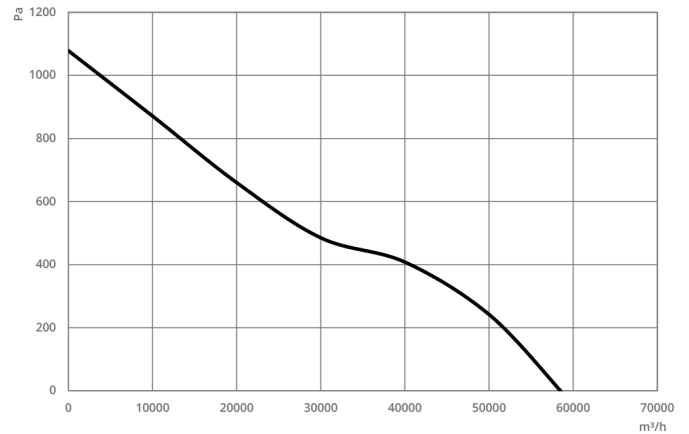
MA-RH F300 900-5-40



MA-RH F300 1000-5-40

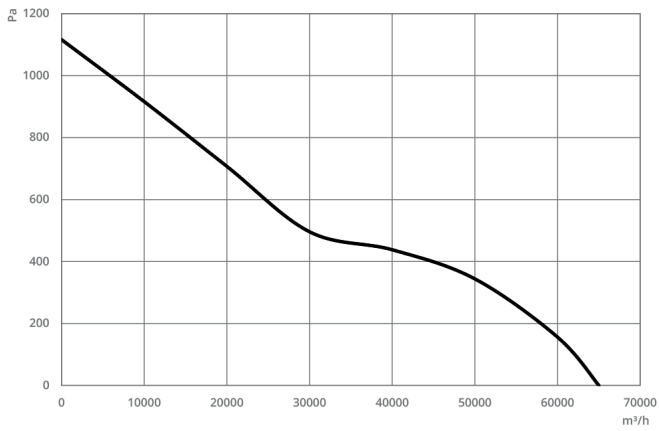


MA-RH F300 900-8-40

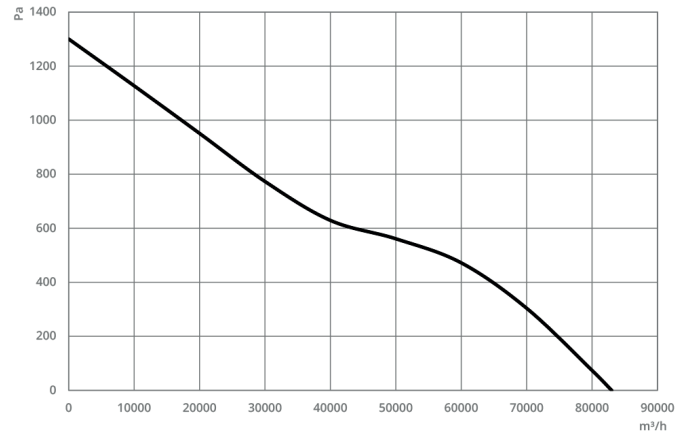


MA-RH F300 1000-8-40

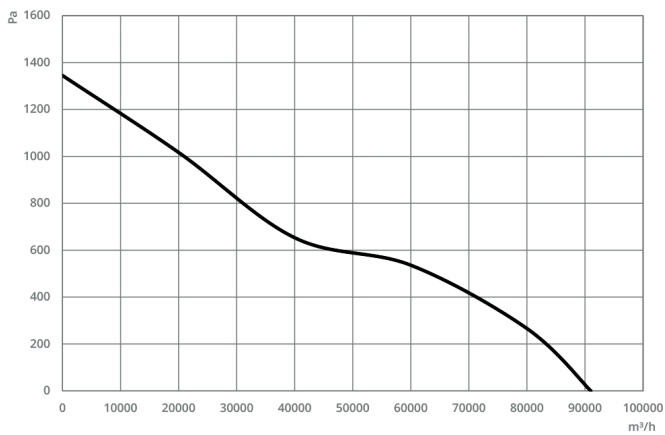
Pressure Curves



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.

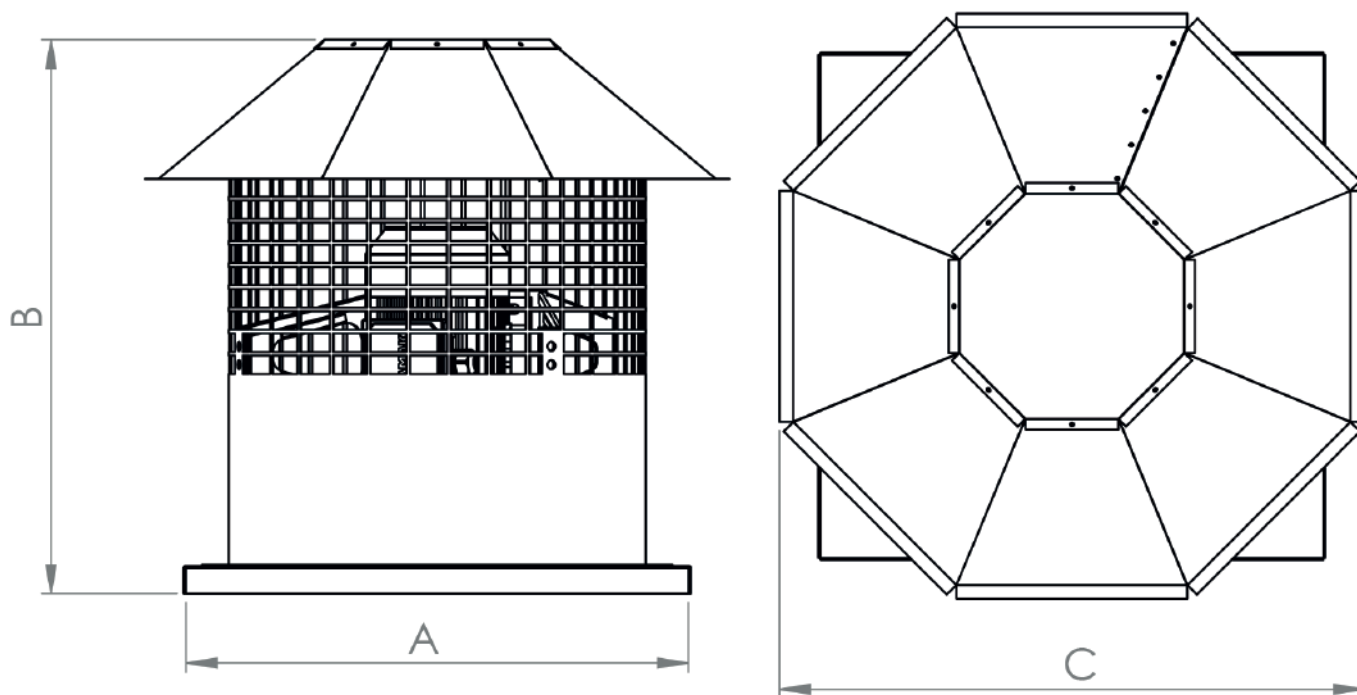
Technical Information

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.

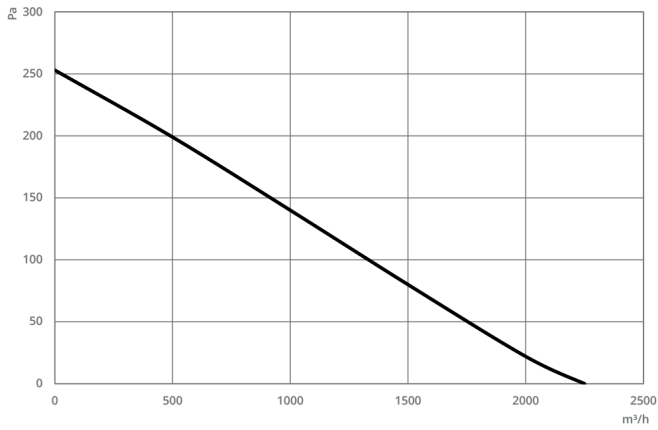


Technical Information

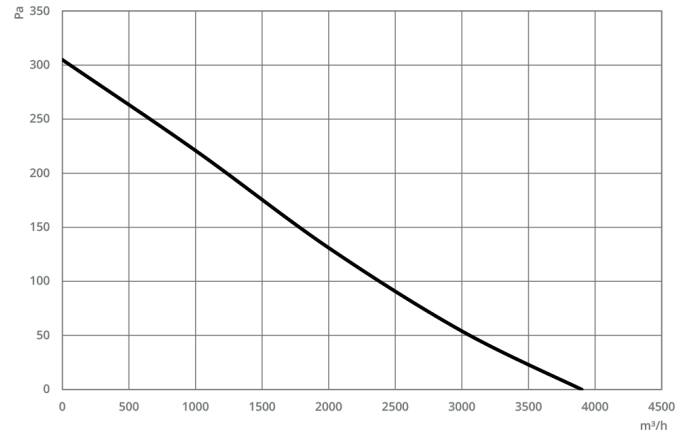


Model Type	A	B	C
MA-RH F400 450	550	800	640
MA-RH F400 500	600	800	700
MA-RH F400 560	650	800	760
MA-RH F400 630	750	850	850
MA-RH F400 710	850	850	950
MA-RH F400 800	950	850	1070
MA-RH F400 900	1050	1200	1140
MA-RH F400 1000	1150	1200	1240
MA-RH F400 1120	1250	1550	1390

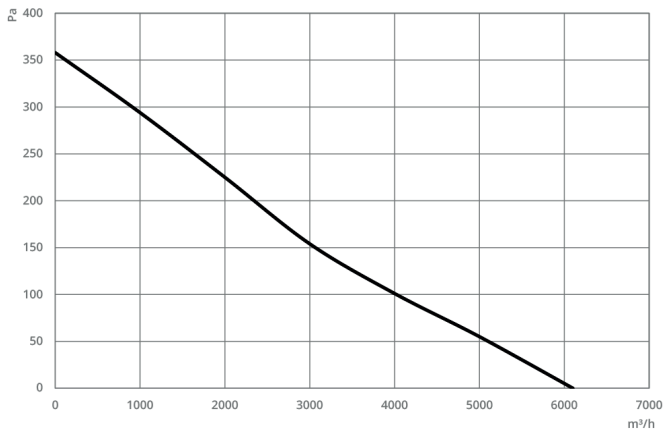
Pressure Curves



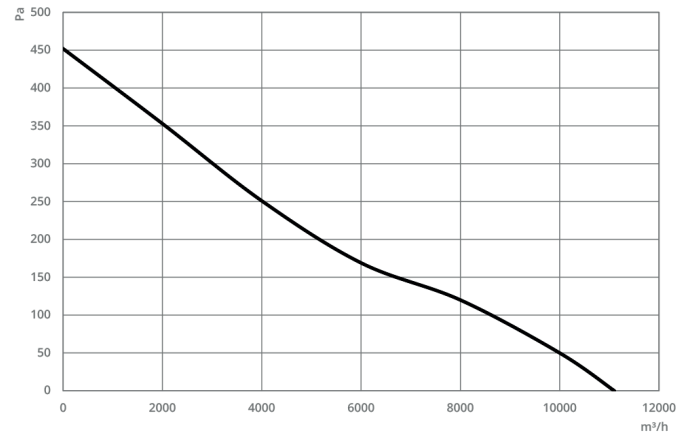
MA-RH F400 450-5-25



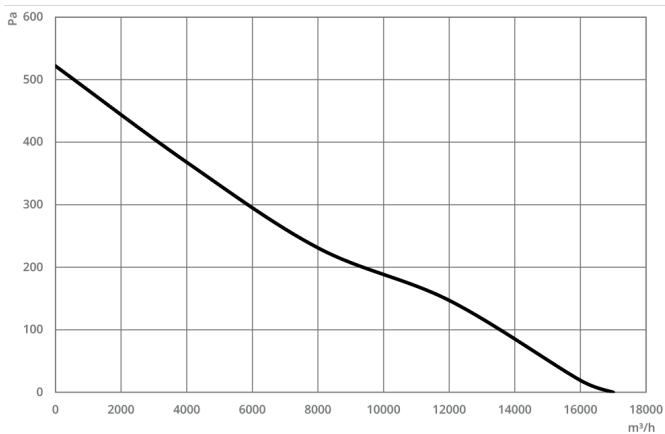
MA-RH F400 500-5-25



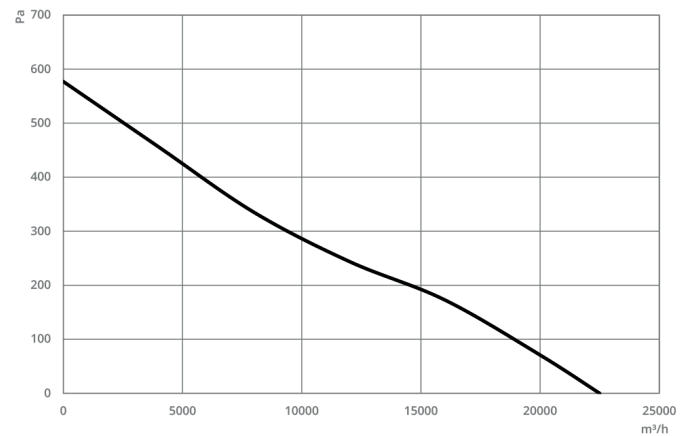
MA-RH F400 560-5-25



MA-RH F400 630-5-30



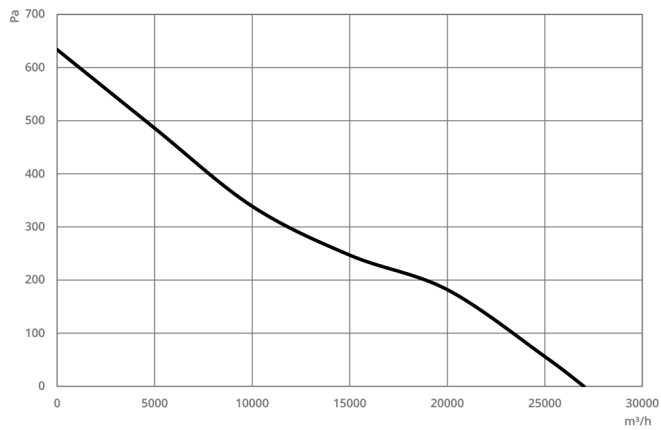
MA-RH F400 710-5-30



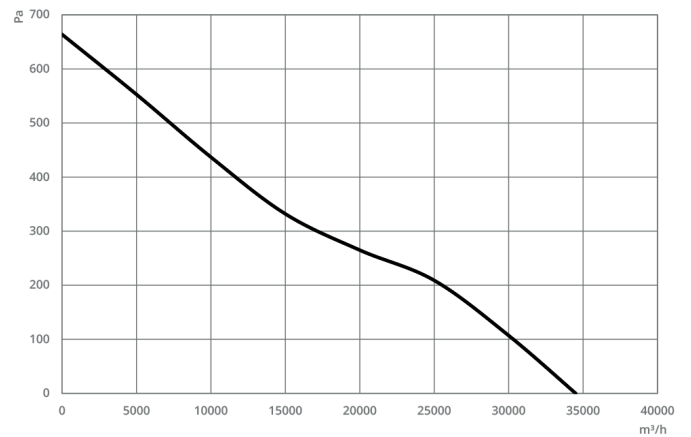
MA-RH F400 800-5-30



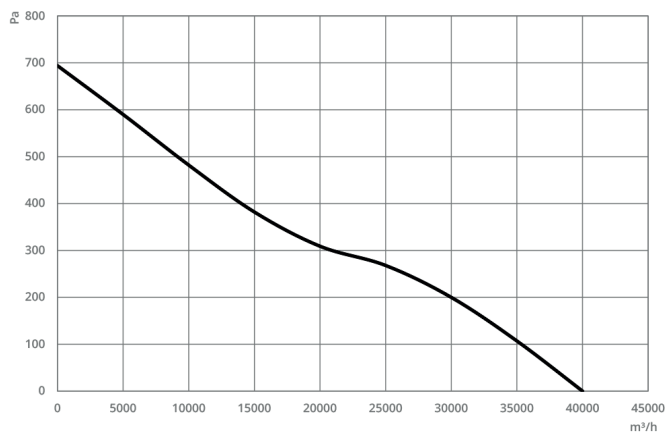
Pressure Curves



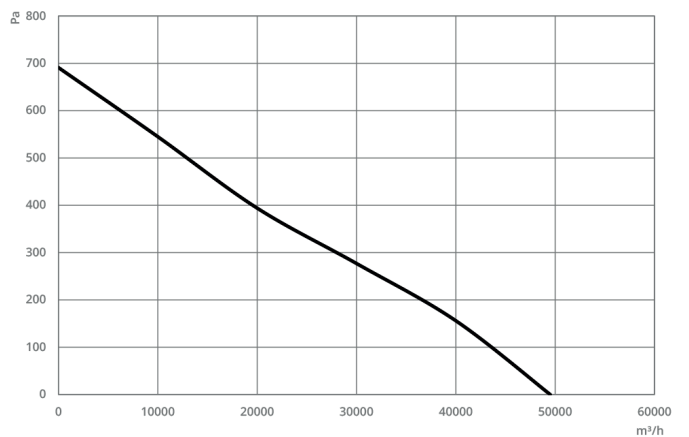
MA-RH F400 800-5-35



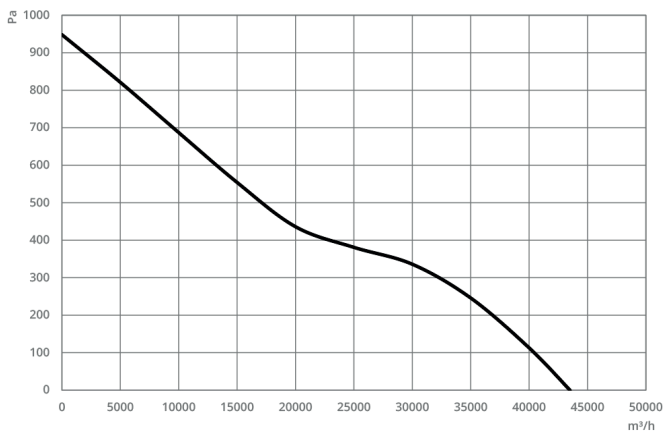
MA-RH F400 900-5-35



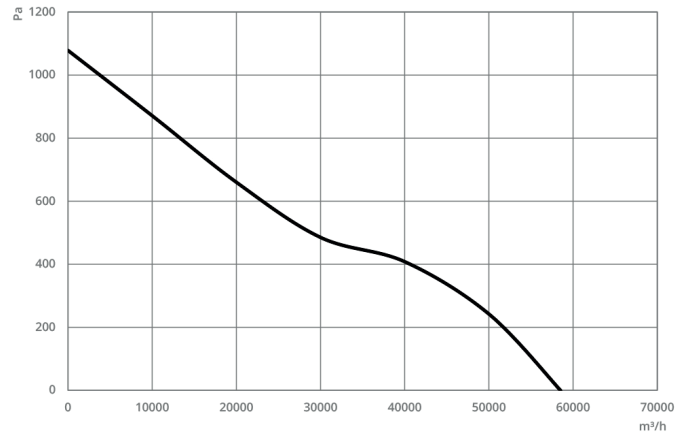
MA-RH F400 900-5-40



MA-RH F400 1000-5-40

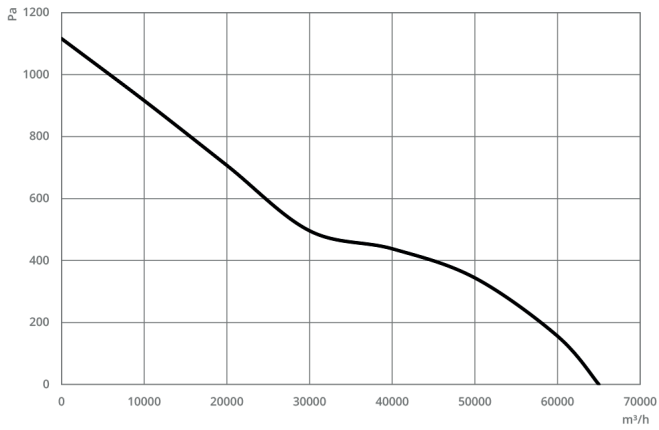


MA-RH F400 900-8-40

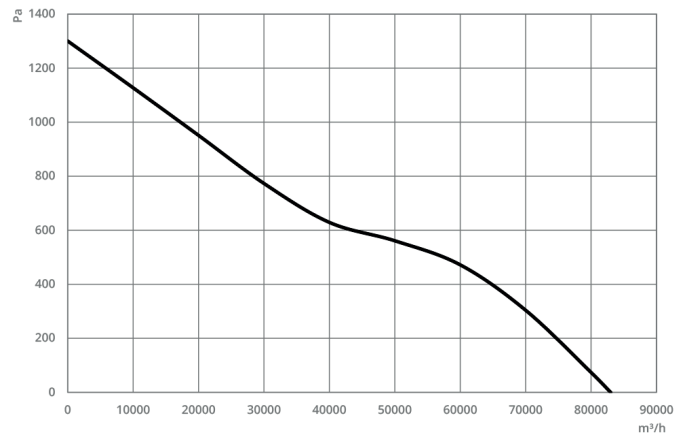


MA-RH F400 1000-8-40

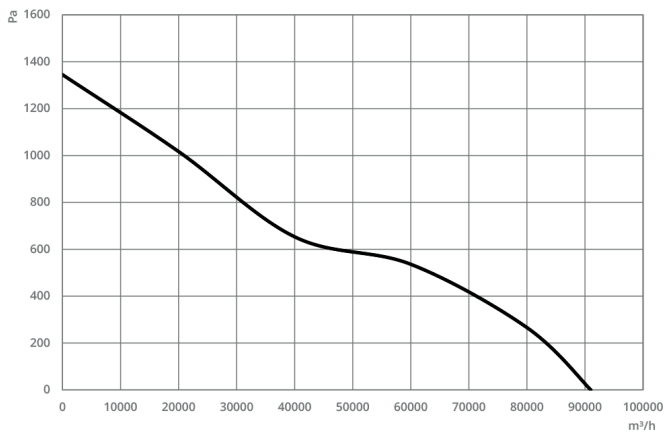
Pressure Curves



MA-RH F400 1000-8-45



MA-RH F400 1120-8-40



MA-RH F400 1120-8-45