



EMMOS

F400/120mn extraction turret

CE: 0370-CPR-2263



VENTILATION OF PROFESSIONAL KITCHENS, A SPECIALIST AFFAIR.

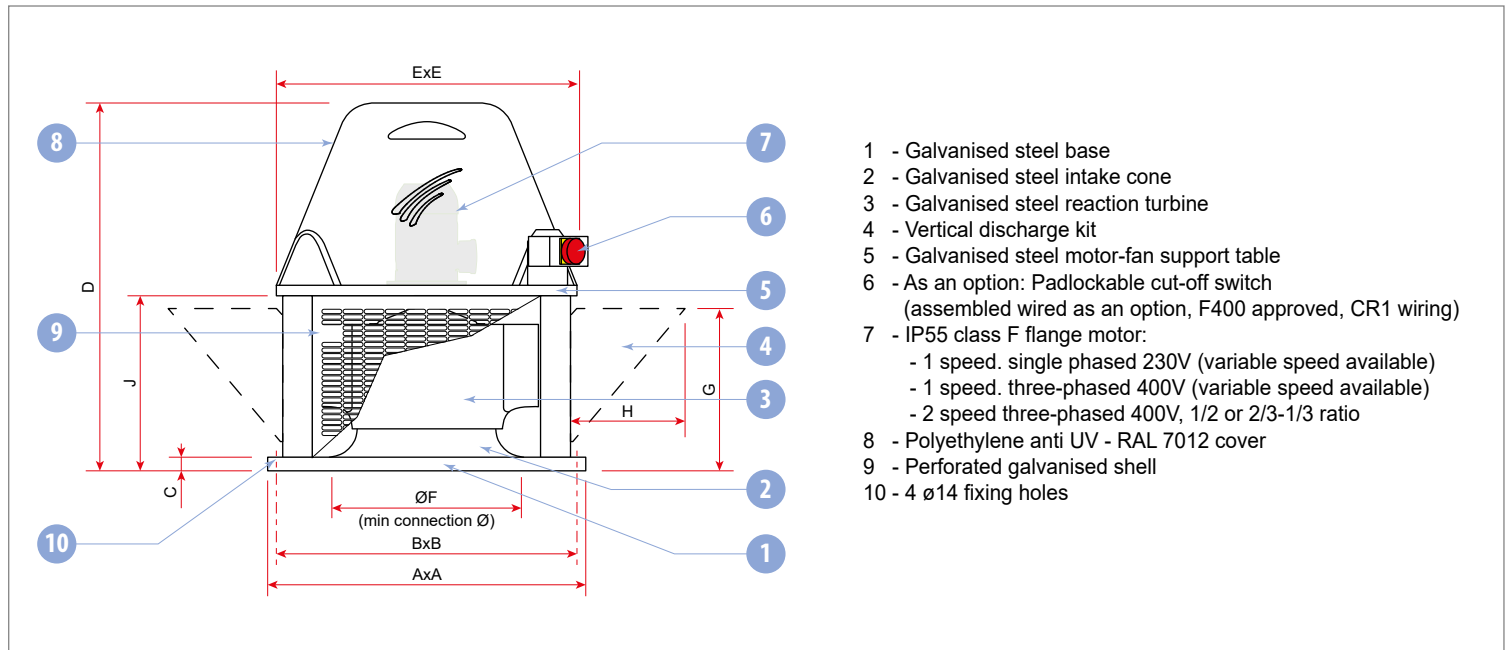
DESIGN / MANUFACTURE

The horizontal or vertical discharge F400 extraction turrets are used for **air extraction for professional kitchens and all other premises** (service sector, industrial...) that need ventilation and/or smoke extraction. **The product line has 10 models covering a range of flow rates from 300 to 200000m³/h for pressures from 50 to 750Pa.**

IP55 class F flange motor, excluding the air flow and ventilated.

- Single phased 230V, 1 speed with self-transformer 5-position variable drive.
- Three-phased 230 / 400V, 1 speed with variable frequency drive.
- Three-phased 400V, 2 Dalhandler speeds (1/2 ratio) or separate coils (2/3 - 1/3 ratio) for operation as smoke extraction only (ErP 2016).

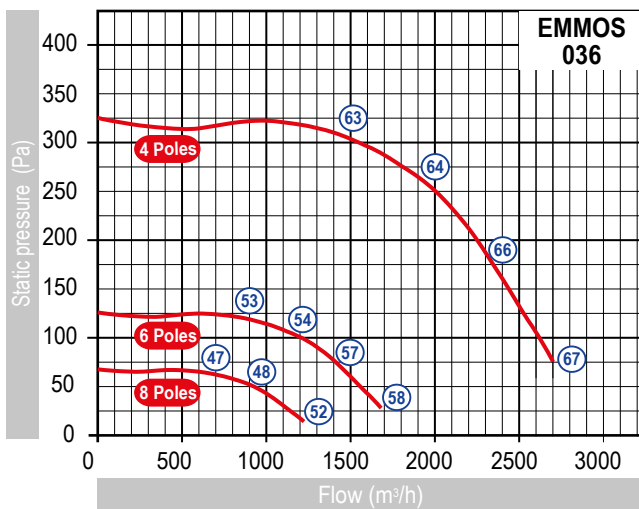
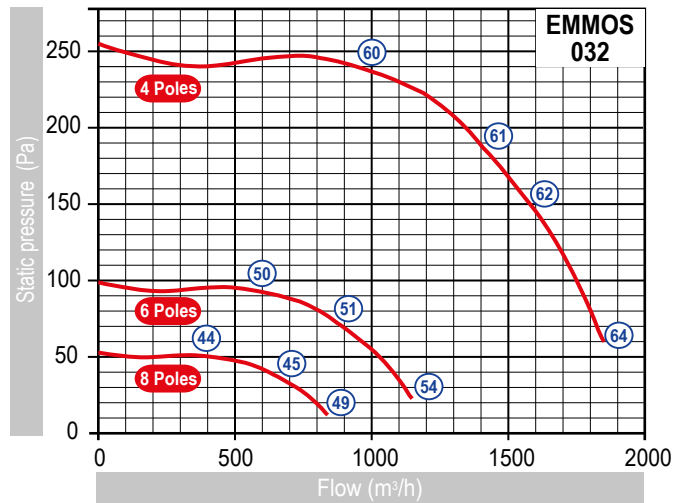
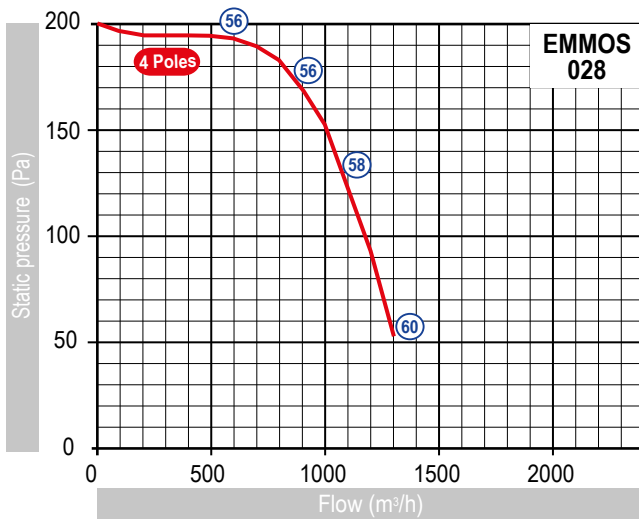
DIMENSIONS



EMMOS	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	ØF mini (mm)	G (mm)	H (mm)	J (mm)
028	445	395	25	580	433	250	244	172	247
032	445	395	25	580	433	250	244	172	247
036	445	395	25	580	433	315	244	172	247
040	565	515	30	767.5	571	400	346	242	355.5
045	565	515	30	767.5	571	400	346	242	355.5
050	565	515	30	767.5	571	400	346	242	355.5
056	800	740	35	931.5	758	500	417	287	440.5
063	800	740	35	931.5	758	500	417	287	440.5
071	910	850	40	1123.5	930	630	535	385	552.5
080	910	850	40	1123.5	930	630	535	385	552.5

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SELECTION GRAPHS



XX Overall sound pressure level $L_p(A)$ at 1m

Distance (m)	1	2	3	4	5	6	7	8
Attenuation	0	-6	-9.5	-12	-13.9	-15.5	-16.9	-18

TECHNICAL SPECIFICATIONS

EMMOS	Rotation speed (rpm)	Power (kW)	Intensity (A)			Weight (kg)		5-speed self-transformer type ¹	IP 55 variable frequency drive	
			Single phase 230V	Tri 230V	Tri 400V	Horizontal	Vertical		Single phase 230 V*	Tri 400 V
028 - 4 MV	1500	0.25	2.4	-	-	20	24	AUTO5M	-	-
028 - 4 TV	1500	0.25	-	1.36	0.78	23	27	-	3.5A / 0.4kW	2.1A / 0.4kW
032 - 4 MV	1500	0.25	2.4	-	-	21	25	AUTO5M	-	-
032 - 4 TV	1500	0.25	-	1.36	0.78	23	27	-	3.5A / 0.4kW	2.1A / 0.4kW
032 - 6 TV	1000	0.25	-	1.77	1.02	24	28	-	3.5A / 0.4kW	2.1A / 0.4kW
032 - 4/8 T	1500/750	0.37 / 0.08	-	-	1.8/0.5	21	25	-	-	-
036 - 4 MV	1500	0.25	2.4	-	-	22	26	AUTO5M	-	-
036 - 4 TV	1500	0.25	-	1.36	0.78	24	28	-	3.5A / 0.4kW	2.1A / 0.4kW
036 - 6 TV	1000	0.25	-	1.77	1.02	25	29	-	3.5A / 0.4kW	2.1A / 0.4kW
036 - 4/8 T	1500/750	0.37/0.08	-	-	1.8/0.5	22	26	-	-	-

M: single phase 230 V motor - T: three-phased 400 V motor - V: variable speed motor

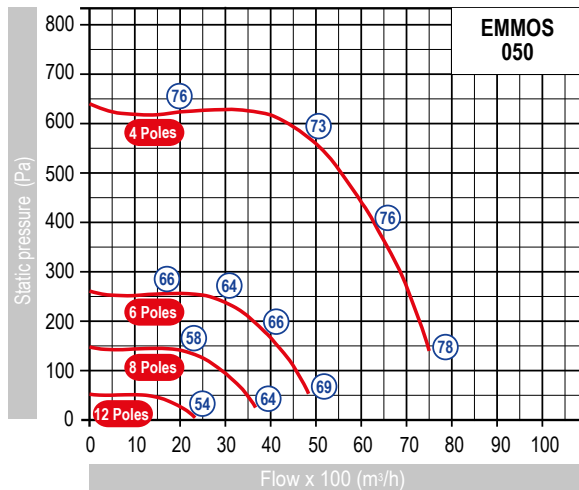
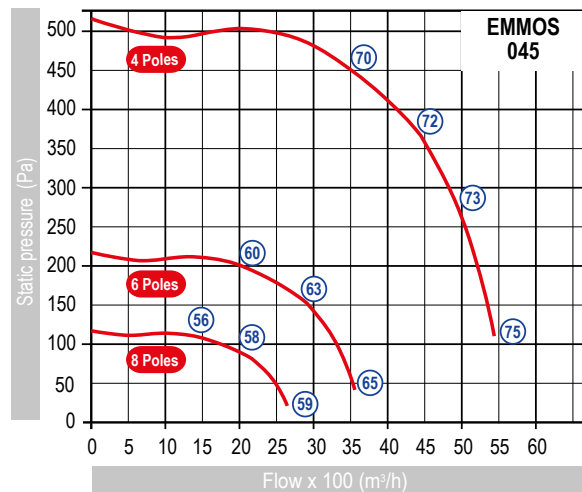
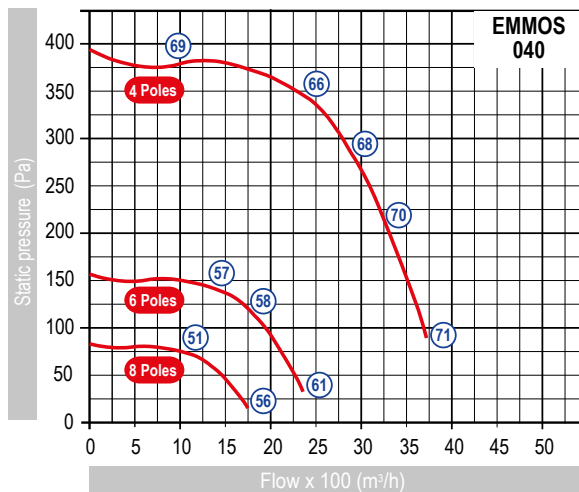
*: Variable frequency drive supply Single phase 230 V - Variable speed drive output Three-phased 230 V

1: Self-transformer without thermal protection



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SELECTION GRAPHS



⊗ Overall sound pressure level $L_p(A)$ at 1m

Distance (m)	1	2	3	4	5	6	7	8
Attenuation	0	-6	-9.5	-12	-13.9	-15.5	-16.9	-18

TECHNICAL SPECIFICATIONS

EMMOS	Rotation speed (rpm)	Power (kW)	Intensity (A)			Weight (kg)		5-speed self-transformer type ¹	IP 55 variable frequency drive	
			Single phase 230 (V)	Tri 230 (V)	Tri 400 (V)	Horizontal	Vertical		Single phase 230 V*	Tri 400 V
040 - 4 MV	1500	0.37	3	-	-	31	38	AUTO5M	-	-
040 - 4 TV	1500	0.37	-	1.84	1.06	32	39	-	3.5A / 0.4kW	2.1A / 0.4kW
040 - 6TV	1000	0.25	-	1.77	1.02	33	40	-	3.5A / 0.4kW	2.1A / 0.4kW
040 - 4/8 T	1500/750	0.37/0.08	-	-	1.8/0.5	30	37	-	-	-
045 - 4 MV	1500	0.75	5.5	-	-	37	44	AUTO7.5M	-	-
045 - 4 TV	1500	0.75	-	2.83	1.63	37	44	-	6A / 0.7kW	4.1A / 0.7kW
045 - 6 MV	1000	0.25	2.1	-	-	32	39	AUTO5M	-	-
045 - 6 TV	1000	0.37	-	1.83	1.05	35	42	-	3.5A / 0.4kW	2.1A / 0.4kW
045 - 4/8 T	1500/750	0.8/0.2	-	-	1.99/0.88	39	46	-	-	-
045 - 6/8 T	1000/750	0.25/0.12	-	-	1.04/0.95	32	39	-	-	-
050 - 4 MV	1500	1.1	7.5	-	-	43	50	AUTO7.5M	-	-
050 - 4 TV	1500	1.1	-	4.17	2.4	46	53	-	9.6A / 1.5kW	5.4A / 1.5kW
050 - 6 MV	1000	0.37	3.1	-	-	37	44	AUTO5M	-	-
050 - 6 TV	1000	0.37	-	1.83	1.05	39	46	-	3.5A / 0.4kW	2.1A / 0.4kW
050 - 4/6 T	1500/1000	1.1/0.3	-	-	2.92/1.51	49	56	-	-	-
050 - 4/8 T	1500/750	1.2/0.3	-	-	2.92/1.29	49	56	-	-	-
050 - 6/8 T	1000/750	0.37/0.2	-	-	1.51/1.06	37	44	-	-	-
050 - 6/12 T	1000/500	0.37/0.07	-	-	1.59/0.69	41	48	-	-	-

M: single phase 230 V motor - T: three-phased 400 V motor - V: variable speed motor.

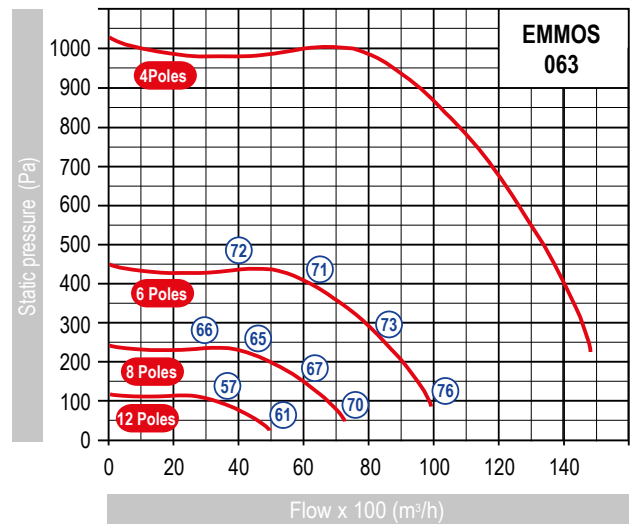
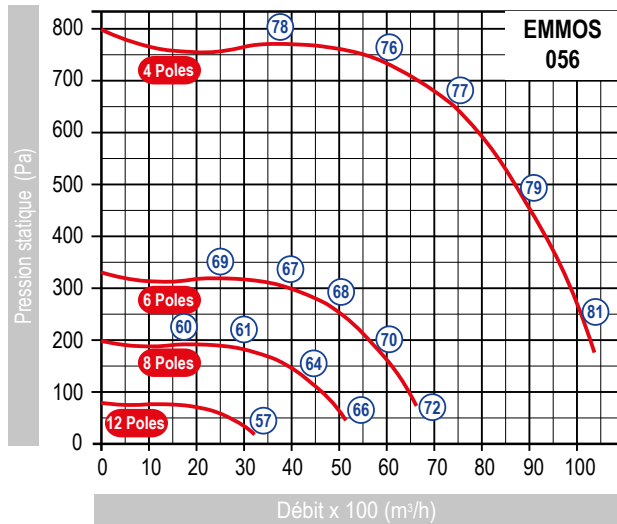
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TECHNICAL SPECIFICATIONS

EMMOS	Rotation speed (rpm)	Power (kW)	Intensity (A)			Weight (kg)		5-speed self-transformer type ¹	IP 55 variable frequency drive	
			Single phase 230 (V)	Tri 230 (V)	Tri 400 (V)	Horizontal	Vertical		Single phase 230 V*	Tri 400 V
056 - 4 T	1500	2.2	-	8.07	4.64	77	88	-	-	8.8A / 3kW
056 - 6 MV	1000	0.75	5.1	-	-	62	73	AUTO7.5M	-	-
056 - 6 TV	1000	0.75	-	3.39	1.95	66	77	-	6A / 0.7kW	4.1A / 0.7kW
056 - 8 TV	750	0.37	-	2.42	1.39	64	75	-	3.5A / 0.4kW	2.1A / 0.4kW
056 - 4/6 T	1500/1000	2.2/0.7	-	-	4.91/2.48	79	90	-	-	-
056 - 4/8 T	1500/750	2.2/0.55	-	-	4.84/2	78	89	-	-	-
056 - 6/8 T	1000/750	0.75/0.37	-	-	2.68/1.67	64	75	-	-	-
056 - 6/12 T	1000/500	0.75/0.15	-	-	2.38/0.97	63	74	-	-	-
063 - 4T	1500	3	-	10.70	6.17	95	106	-	-	8.8A / 3kW
063 - 6 TV	1000	1.5	-	6.45	3.71	80	91	-	9.6A / 1.5kW	5.4A / 1.5kW
063 - 8TV	750	0.75	-	4.10	2.36	78	89	-	6A / 0.7kW	4.1A / 0.7kW
063 - 4/6T	1500/1000	3/1	-	-	6.85/3.86	100	111	-	-	-
063 - 4/8T	1500/750	2.8/0.7	-	-	6.01/2.41	86	97	-	-	-
063 - 6/8 T	1000/750	1.5/0.75	-	-	4.0/3.0	93	104	-	-	-
063 - 6/12 T	1000/500	1.5/0.25	-	-	4.55/1.67	75	86	-	-	-

M: single phase 230 V motor - T: three-phased 400 V motor - V: variable speed motor.

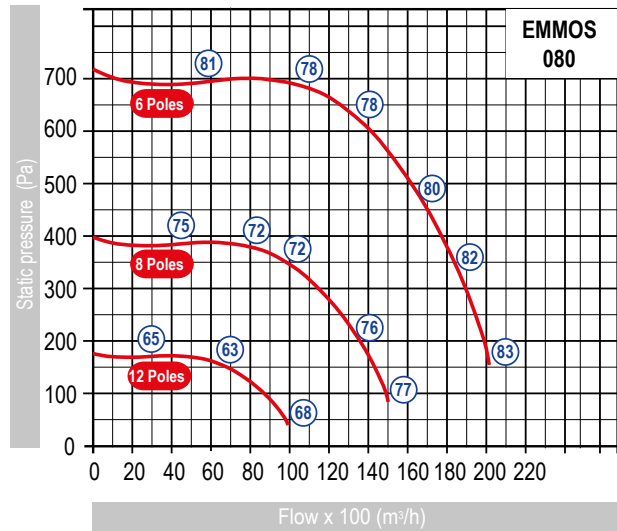
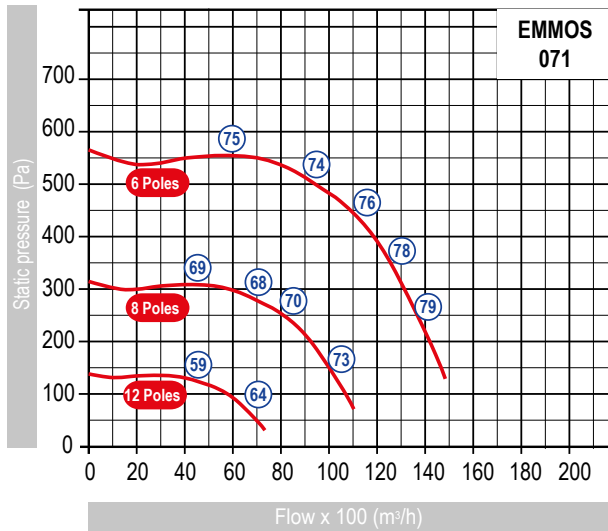
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TECHNICAL SPECIFICATIONS

EMMOS	Rotation speed (rpm)	Power (kW)	Intensity (A)			Weight (kg)		IP 55 variable frequency drive	
			Single phase 230 (V)	Tri 230 (V)	Tri 400 (V)	Horizontal	Vertical	Single phase 230 V*	Tri 400 V
071 - 6 T	1000	2.2	-	10.30	5.94	116	135	-	8.8A / 3kW
071 - 8 TV	750	1.1	-	5.93	3.41	104	123	9.6A / 1.5kW	5.4A / 1.5kW
071 - 6/8 T	1000/750	2.2/1.3	-	-	5.96/4.36	122	141	-	-
071 - 6/12 T	1000/500	2.2/0.55	-	-	5.87/2.39	111	130	-	-
080 - 6 T	1000	4	-	16.50	9.46	145	164	-	2.1A / 4kW
080 - 8 T	750	2.2	-	9.46	5.44	149	168	-	8.8A / 3kW
080 - 6/8 T	1000/750	4/1.1	-	-	11.3/4.84	141	160	-	-
080 - 6/12 T	1000/500	4.0/1.0	-	-	12.6/5.13	127	146	-	-

T: three-phased 400 V motor - V: variable speed motor.

*: Variable frequency drive supply Single phase 230 V - Variable speed drive output Three-phased 230 V

