

RFV

400 °C/2h centrifugal roof fans with vertical outlet air, aluminum hood



Fan:

- Support base in galvanized steel sheet.
- Backward curved impeller made of galvanized sheet steel.
- Bird protection grid.
- Aluminum rain cover.
- Approved in accordance with standard EN 12101-3.
- Maximum temperature of air to be carried: -25 °C +120 °C.

- Single-phase 230 V 50 Hz and three-phase 230/400 V 50 Hz.
- Working temperature: -25 °C +50 °C.

Finish:

- Anti-corrosive in galvanized steel sheet and aluminum.

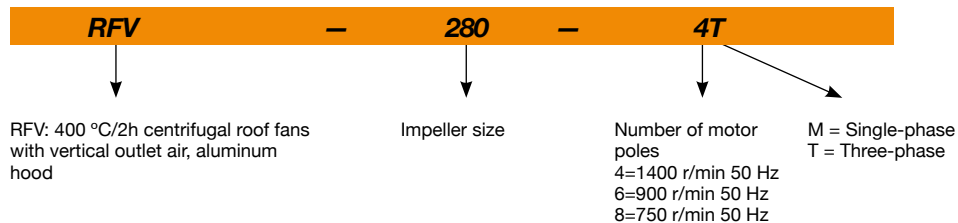
On request:

- Special windings for different voltages.
- ATEX certified Category 3.

Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.

Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum flow rate (m³/h)	Sound pressure level ¹ dB (A)		Approx. weight (Kg)
		230V	400V			Inlet	Exhaust	
RFV-280-4T	1350	1.66	0.96	0.25	1450	36	43	25
RFV-280-4M	1380	1.70		0.25	1450	36	43	25
RFV-315-4T	1350	1.66	0.96	0.25	2100	40	46	25
RFV-315-4M	1380	2.60		0.25	2100	40	46	25
RFV-315-6T	900	1.51	0.87	0.25	1400	29	35	25
RFV-315-6M	890	0.50		0.25	1400	29	35	25
RFV-355-4T	1350	1.66	0.96	0.25	3100	44	49	32
RFV-355-4M	1380	2.60		0.25	3100	44	49	32
RFV-355-6T	900	1.51	0.87	0.25	2000	32	39	33
RFV-355-6M	890	0.65		0.25	2000	32	39	33
RFV-400-4T	1380	2.92	1.69	0.55	4950	47	53	35
RFV-400-4M	1380	3.30		0.55	4950	47	53	35
RFV-400-6T	900	2.24	1.30	0.37	3200	36	38	35
RFV-400-6M	910	0.95		0.37	3200	36	38	35
RFV-450-4T IE3	1420	2.82	1.62	0.75	7000	54	60	52
RFV-450-4M	1380	4.40		0.75	7000	54	60	52
RFV-450-6T	900	2.24	1.30	0.37	4500	43	49	51

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum flow rate (m ³ /h)	Sound pressure level ¹ dB (A)		Approx. weight (Kg)
		230V	400V			Inlet	Exhaust	
RFV-450-6M	910	1.80		0.37	4500	43	49	51
RFV-500-4T IE3	1440	5.41	3.11	1.50	10200	58	63	60
RFV-500-6T	900	2.24	1.30	0.37	6720	46	53	53
RFV-500-6M	910	2.00		0.37	6720	46	53	53
RFV-630-6T IE3	945	4.68	2.69	1.10	12000	50	55	95
RFV-630-8T	695	3.53	2.04	0.55	8900	43	49	95
RFV-710-6T IE3	950	9.08	5.22	2.20	17300	53	59	118
RFV-710-8T	705	5.63	3.25	1.10	12900	45	51	102
RFV-800-6T IE3	960	15.60	8.99	4.00	24700	57	61	160
RFV-800-8T	705	7.10	4.10	1.50	18400	49	55	142

¹ Sound pressure level in dB(A) at a distance of 6 m and at maximum flow rate.



Erp. (Energy Related Products)

Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

Acoustic characteristics

Sound power spectrum Lw(A) in dB(A) per Hz frequency band

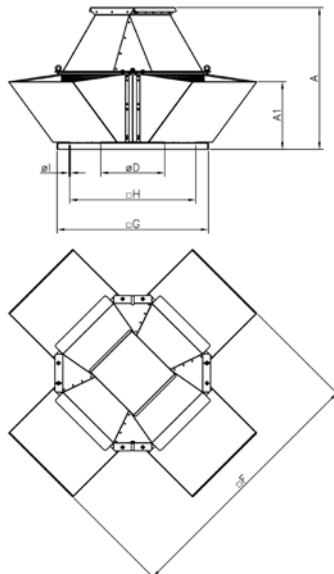
Values measured at inlet with maximum flow rate (Qmax)

	63	125	250	500	1000	2000	4000	8000
RFV-280-4	37	43	54	57	58	54	52	46
RFV-315-4	44	53	58	58	62	61	54	48
RFV-315-6	33	42	47	47	51	50	43	37
RFV-355-4	48	57	62	62	66	65	58	52
RFV-355-6	36	45	50	50	54	53	46	40
RFV-400-4	52	58	64	64	67	70	61	55
RFV-400-6	41	47	53	53	56	59	50	44
RFV-450-4	59	65	71	71	74	77	68	62
RFV-450-6	48	54	60	60	63	66	57	51
RFV-500-4	64	71	76	76	80	79	72	67
RFV-500-6	52	59	64	64	68	67	60	55
RFV-630-6	56	62	67	68	72	71	64	57
RFV-630-8	49	55	60	61	65	64	57	50
RFV-710-6	59	65	70	71	75	74	67	60
RFV-710-8	51	57	62	63	67	66	59	52
RFV-800-6	63	69	74	75	79	78	71	64
RFV-800-8	55	61	66	67	71	70	63	56

Values measured at exhaust with maximum flow rate (Qmax)

	63	125	250	500	1000	2000	4000	8000
RFV-280-4	41	46	60	62	63	63	58	53
RFV-315-4	43	52	62	66	69	66	59	53
RFV-315-6	32	41	51	55	58	55	48	42
RFV-355-4	46	55	65	69	72	69	62	56
RFV-355-6	36	45	55	59	62	59	52	46
RFV-400-4	51	63	71	73	74	74	66	58
RFV-400-6	40	52	60	62	63	63	55	47
RFV-450-4	58	70	78	80	81	81	73	65
RFV-450-6	47	59	67	69	70	70	62	54
RFV-500-4	62	74	82	84	85	82	75	67
RFV-500-6	52	64	72	74	75	72	65	57
RFV-630-6	52	66	74	78	77	74	68	62
RFV-630-8	45	59	67	71	70	67	61	55
RFV-710-6	56	70	78	82	81	78	72	66
RFV-710-8	48	62	70	74	73	70	64	58
RFV-800-6	59	73	81	85	74	81	75	69
RFV-800-8	52	66	74	78	74	74	68	62

Dimensions mm



	A	A1	ØD*	F	G	H	ØI
RFV-280	515	235	250	800	450	360	12
RFV-315	540	235	250	800	450	360	12
RFV-355	610	305	355	1045	560	450	12
RFV-400	665	305	355	1045	560	450	12
RFV-450	740	340	500	1255	710	590	12
RFV-500	755	340	500	1255	710	590	12
RFV-630	845	400	630	1550	900	750	14
RFV-710	995	455	710	1875	1100	900	14
RFV-800	1065	455	710	1875	1100	900	14

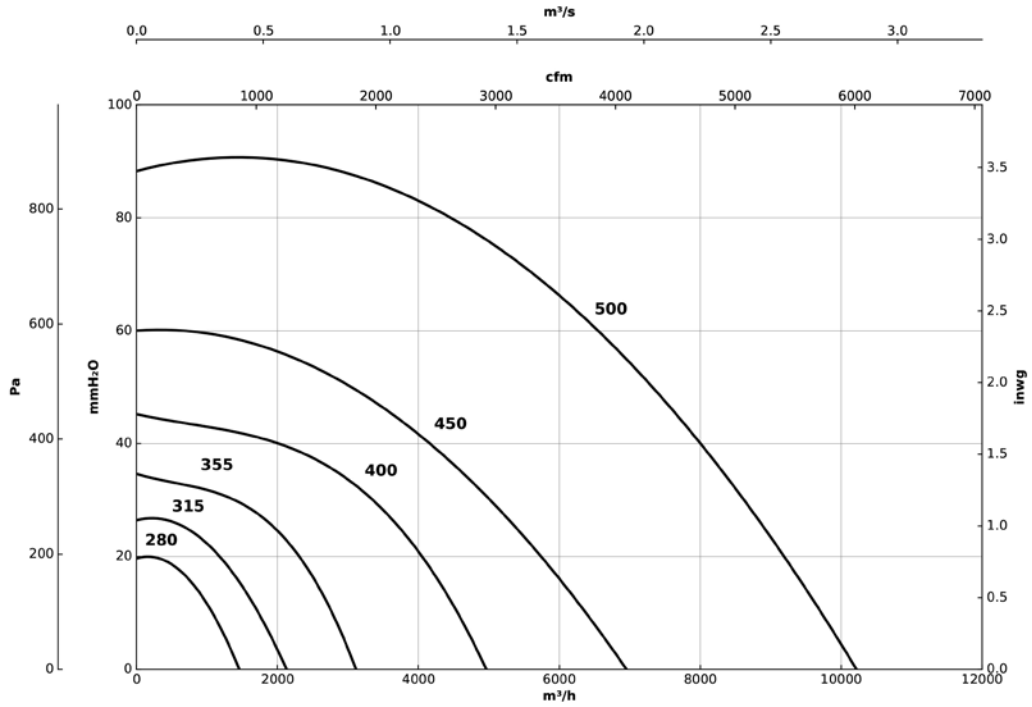
* Recommended nominal tube diameter

Characteristic curves

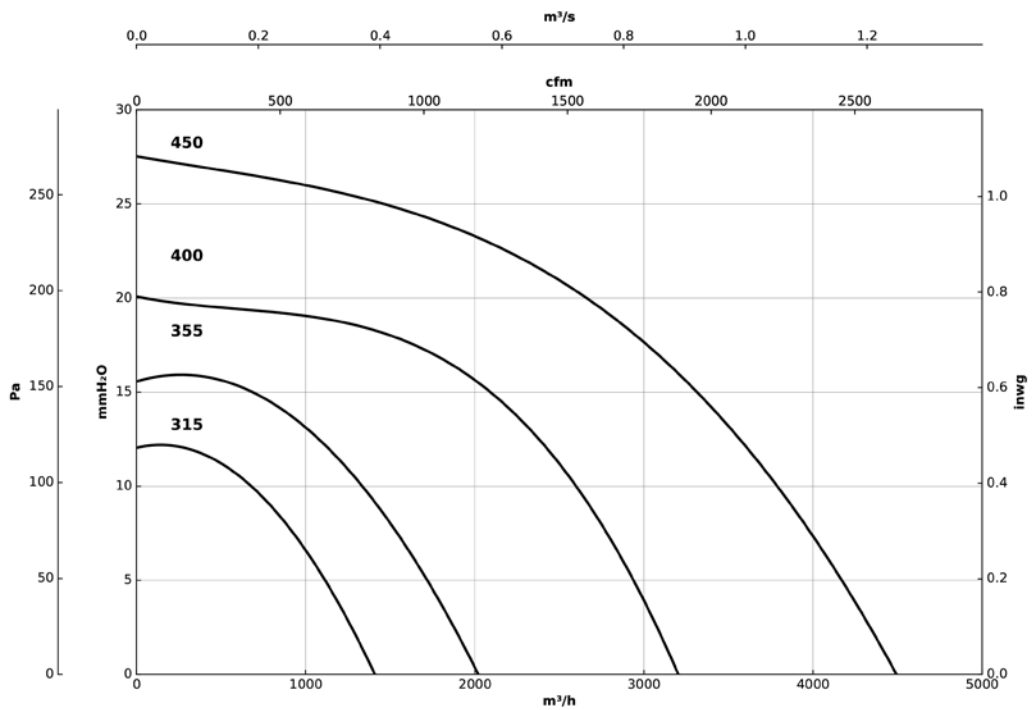
Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

4M/4T=1500 r/min



6M/6T=1000 r/min

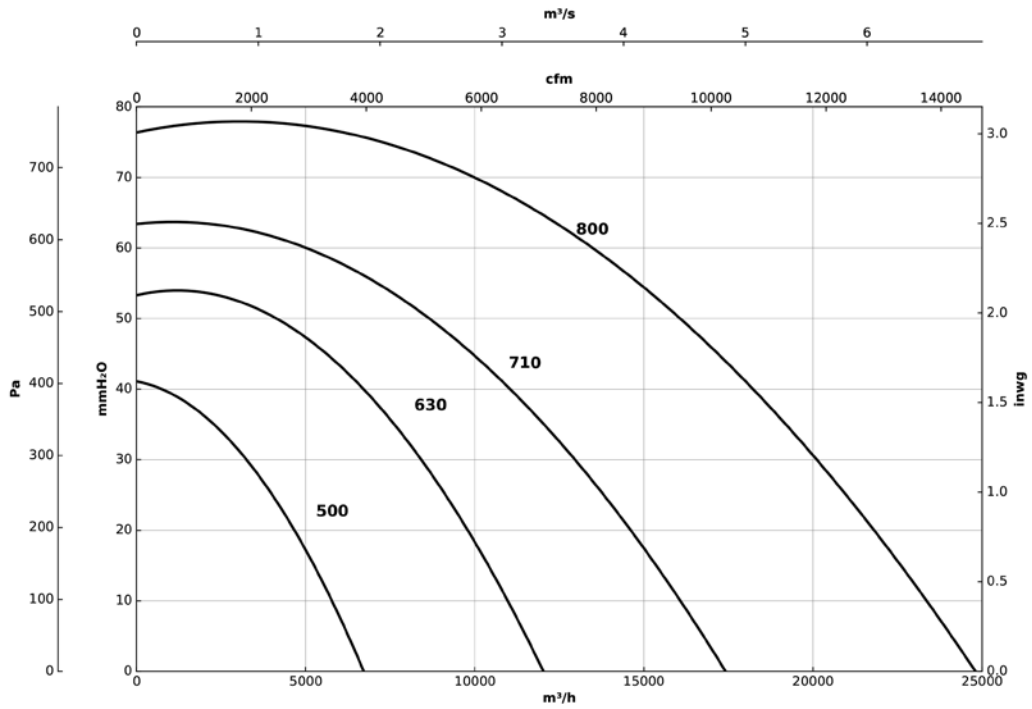


Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

6M/6T=1000 r/min



8T=750 r/min

