

APPLICATION

- Roof fans, exhaust RF are designed for ventilation systems of buildings with low levels of air pollution.
- They are used in exhaust systems of residential buildings, supermarkets, industrial halls, workshops, warehouses, toilets, garages, parking lots, outhouse and others.

CONSTRUCTION

- Rotors with backward blades in RF are made of plastic or galvanized steel (depending on the model).
- The base and housing are made of aluminum sheet, canopy made of aluminum, protective mesh made of galvanized sheet steel.
- The fans are designed for vertical work and are suitable for mounting on flat roofs where appropriate roof supports can be installed on sloping roofs.
- Working temperature -40°C to $+80^{\circ}\text{C}$, depending on model.

MOTOR

- Single phase 230V, 50Hz or three phase 400V, 50Hz induction motor with external rotor.
- Motors adapted for smooth speed control.
- The motors have a thermal overload protection.



Protective mesh



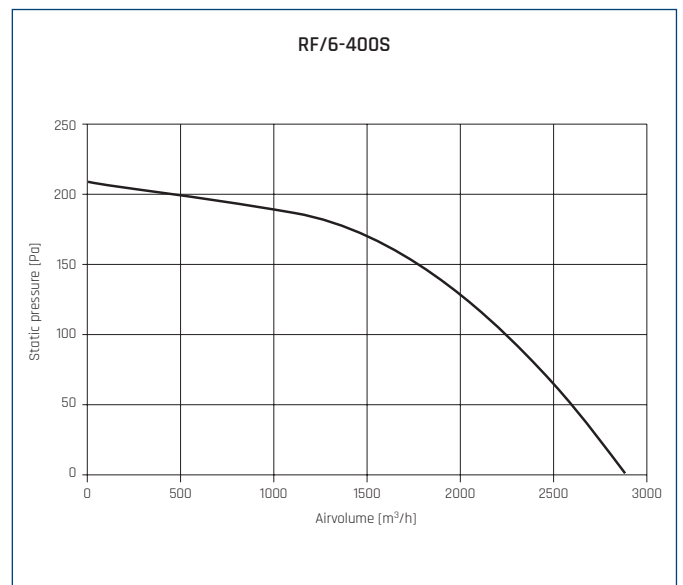
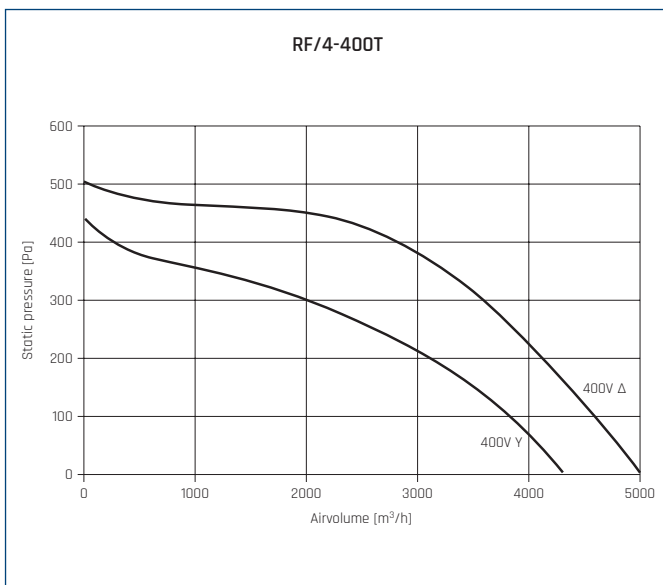
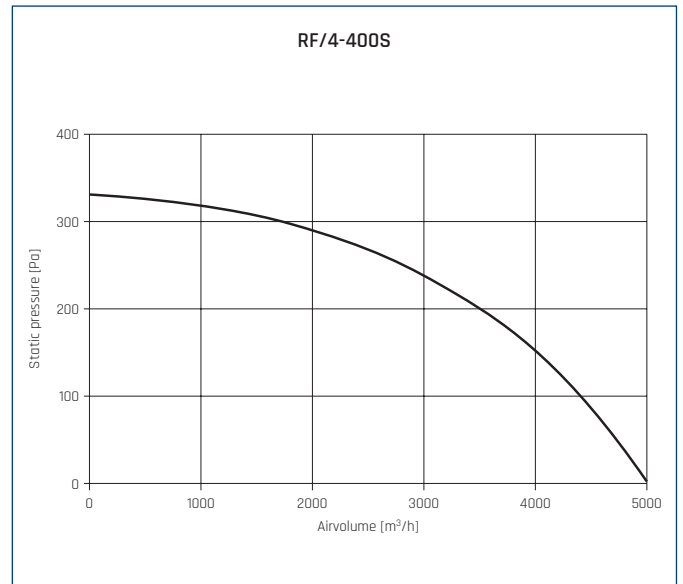
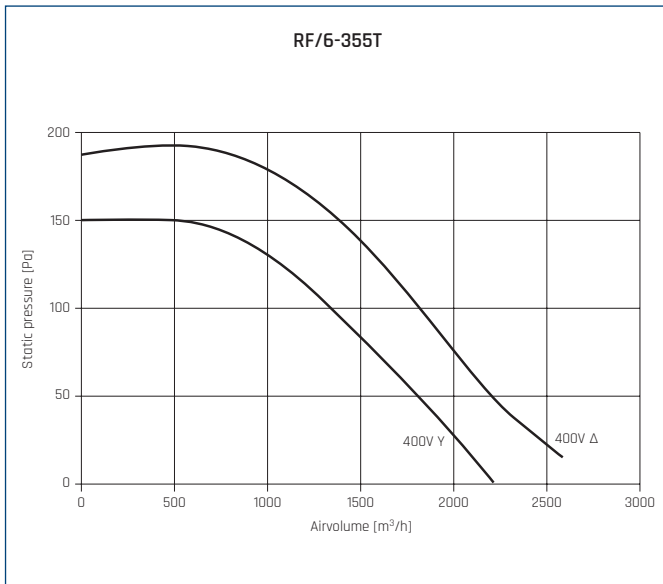
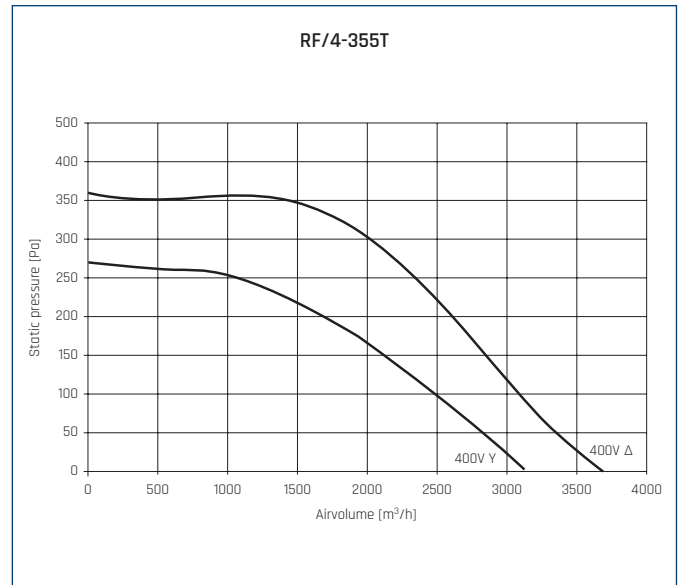
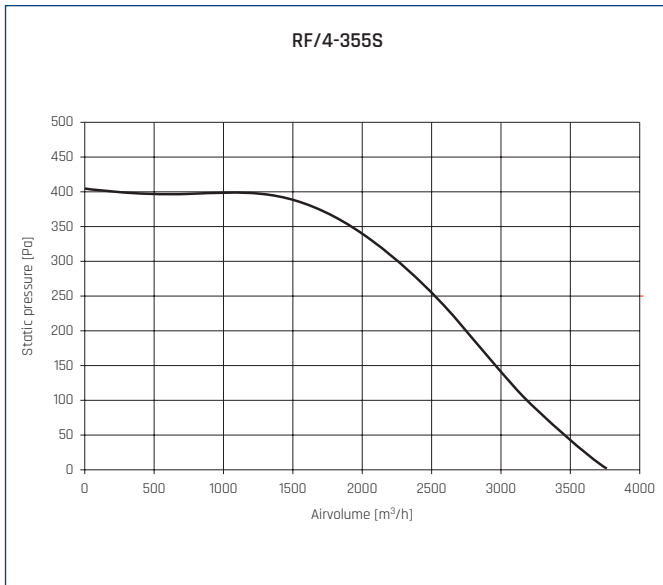
Easy access to the terminal box

TECHNICAL CHARACTERISTICS

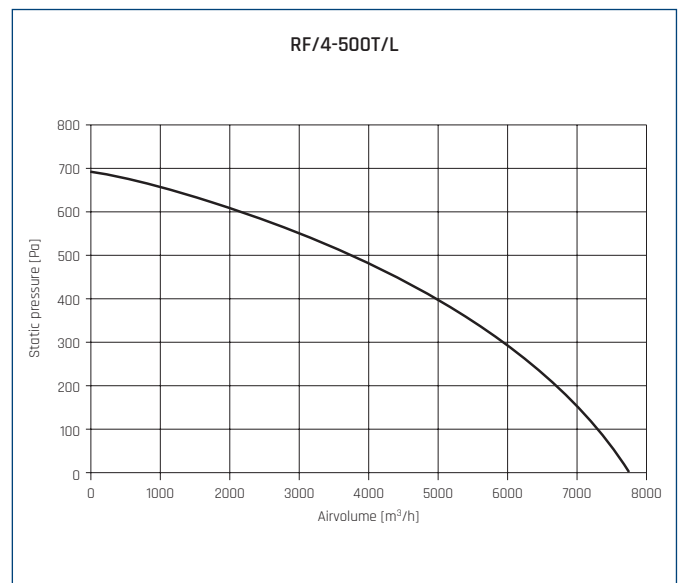
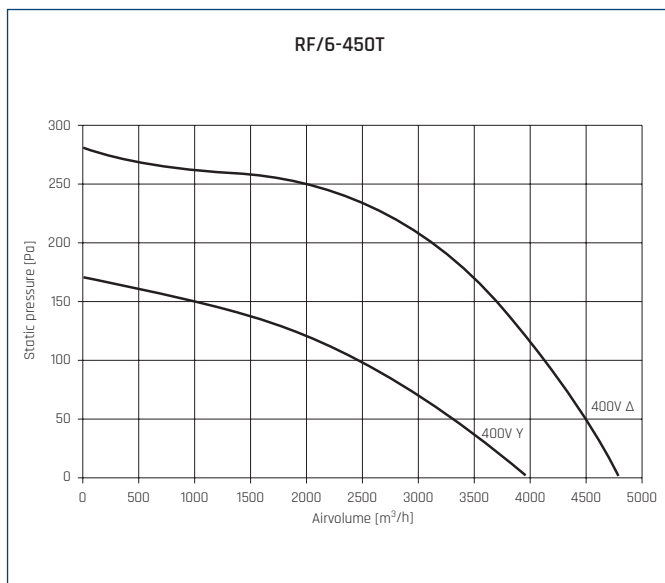
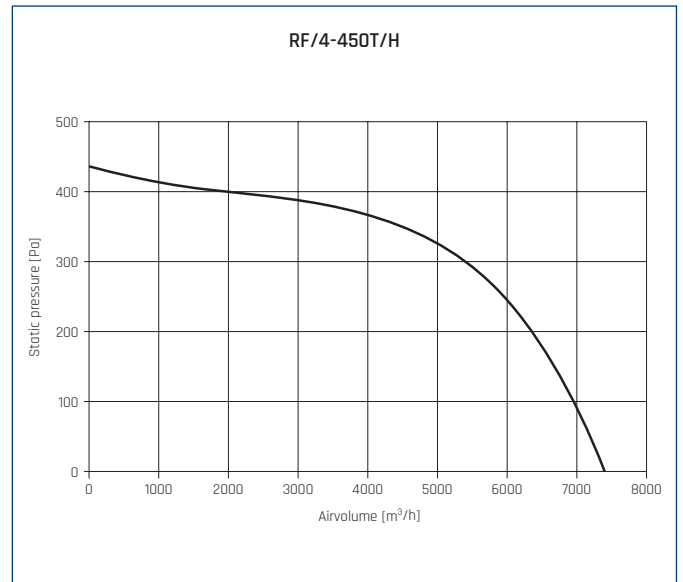
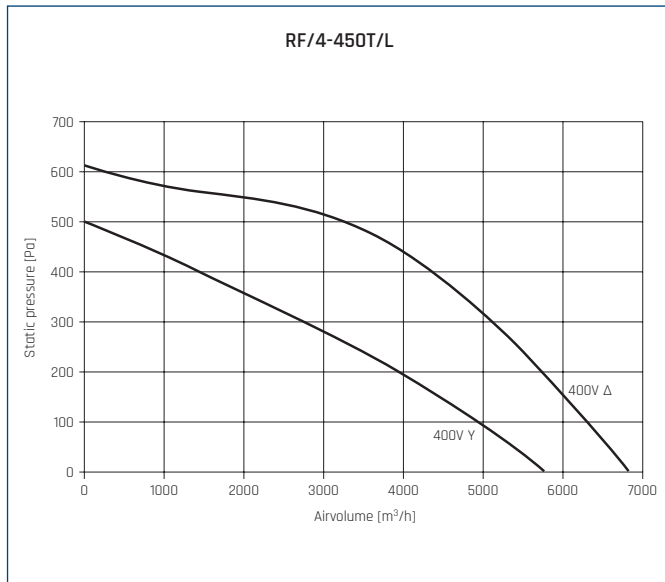
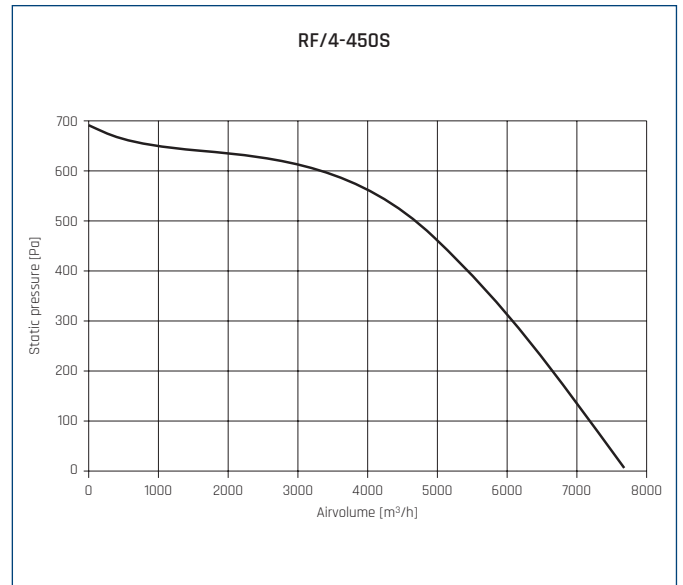
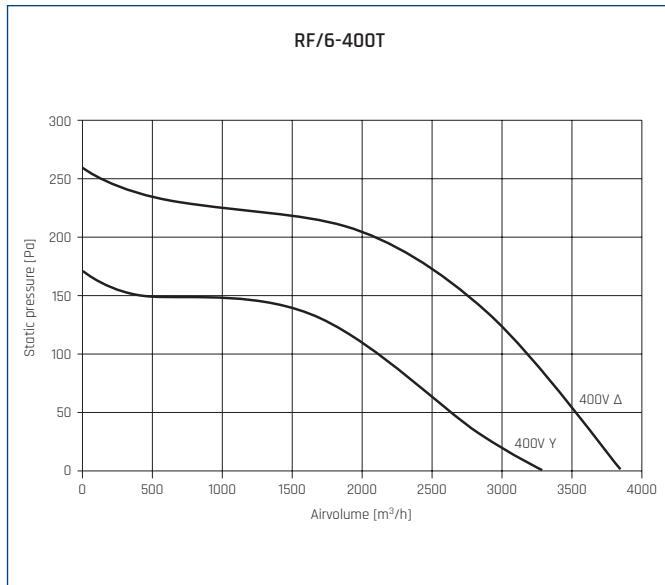
Type	max abs. power	speed	voltage	max absorbed current	airflow at free discharge.	pressure max.	sound pressure level*	operating temp. max	weight	insulation class / safety class IP	regulator	ErP	article number
	[W]	[r.p.m.]	[V]	[A]	[m ³ /h]	[Pa]	[dB(A)]	[°C]	[kg]				
RF/4-355S	540	1398	230	2,3	3750	405	69	60	19	F/54	REB 5/RVS 3	2018	43528120
RF/4-355T	440	1352	400Δ	1	3700	400	67	60	19	F/54	RMT 1,5/Inverter 0,4kW	2018	43528125
	310	1106	400Y	0,54	3100	300	62						
RF/6-355T	180	962	400Δ	0,47	2700	190	58	70	19	F/54	RMT 1,5/Inverter 0,4kW	2018	43528135
	110	807	400Y	0,2	2200	150	55						
RF/4-400S	580	1270	230	2,6	5000	330	70	60	23	F/54	REB 5/RVS 3	2018	43528140
RF/4-400T	640	1408	400Δ	1,3	5000	500	71	70	22	F/54	RMT 1,5/Inverter 0,75kW	2018	43528142
	460	1140	400Y	0,8	4300	440	69						
RF/6-400S	180	931	230	0,7	2900	210	64	70	22	F/54	TLR 2,5/RVS 3	2018	43528145
RF/6-400T	270	952	400Δ	0,59	3850	260	61	70	21	F/54	RMT 1,5/Inverter 0,4kW	2018	43528146
	165	690	400Y	0,3	3300	170	56						
RF/4-450S	1270	1390	230	5,3	7700	700	72	60	35	F/54	REB 10/RVS 7	2018	43528150
RF/4-450T/L	1020	1388	400Δ	2	6850	610	75	70	32	F/54	RMT 2,5/Inverter 0,75kW	2018	43528151
	700	982	400Y	1,2	5800	500	71						
RF/4-450T/H	1000	1370	400	3,4	7400	440	76	60	29	F/54	RMT 5/Inverter 1,5kW	2018	43528152
RF/6-450T	410	912	400Δ	0,8	4800	280	63	80	25	F/54	RMT 1,5/Inverter 0,4kW	2018	43528155
	225	660	400Y	0,4	4000	170	60						
RF/4-500T/L	1250	1360	400	2,8	7800	690	72	60	43	F/54	RMT 5/Inverter 1,5kW	2018	43528161
RF/6-500S/L	490	925	230	2,2	5800	330	69	60	36	F/54	REB 5/RVS 3	2018	43528162
RF/6-500S/H	540	900	230	2,5	6600	225	66	60	40	F/54	REB 5/RVS 3	2018	43528165
RF/6-500T	390	920	400	0,8	5200	290	65	60	36	F/54	RMT 1,5/Inverter 0,4kW	2018	43528164
RF/4-560T/L	2770	1364	400Δ	4,9	13800	880	75	40	55	F/54	RMT 8/Inverter 2,2kW	2018	43528170
	1540	975	400Y	2,74	11000	625	68						
RF/4-560T/H	2513	1333	400	4,6	14600	640	75	45	51	F/54	RMT 8/Inverter 2,2kW	2018	43528172
RF/6-560S	840	890	230	4,2	9800	285	65	60	48	F/54	REB 10/RVS 7	2018	43528174
RF/6-560T	910	966	400Δ	1,9	10000	400	68	70	48	F/54	RMT 2,5/Inverter 0,75kW	2018	43528176
	570	743	400Y	1	8800	300	63						
RF/6-630T	2420	967	400Δ	4,69	15750	570	74	60	83	F/54	RMT 8/Falownik 2,2kW	2018	43528180
	1700	802	400Y	2,9	13800	455	70						

* measurement made at a distance of 1,5m from the outlet.

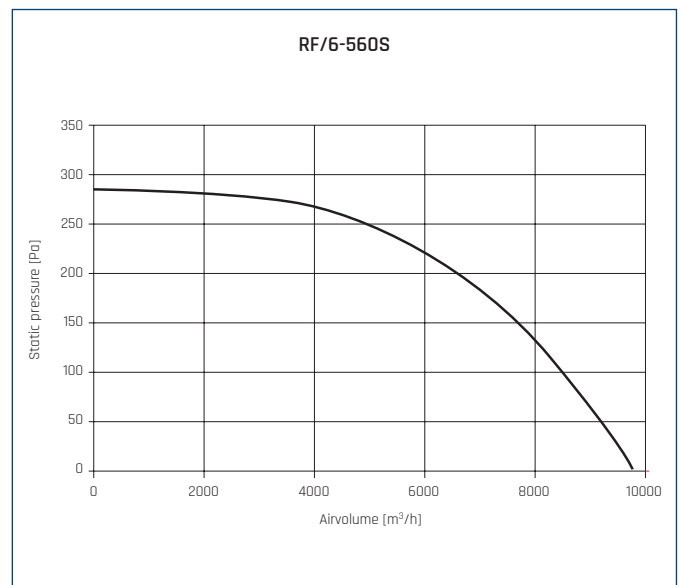
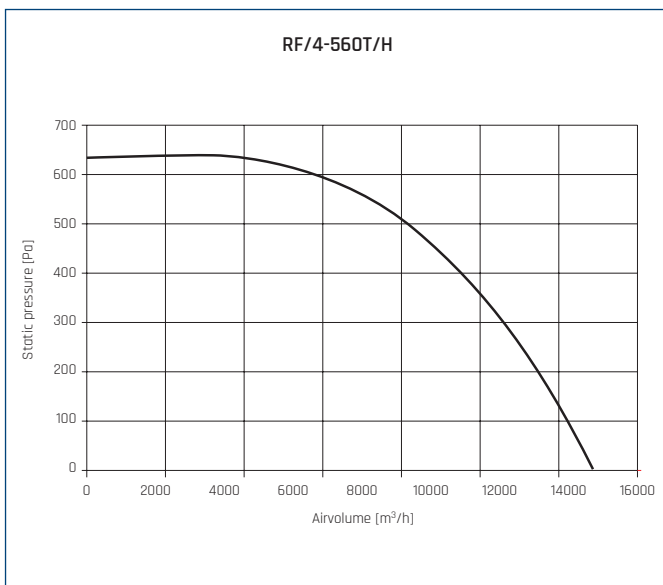
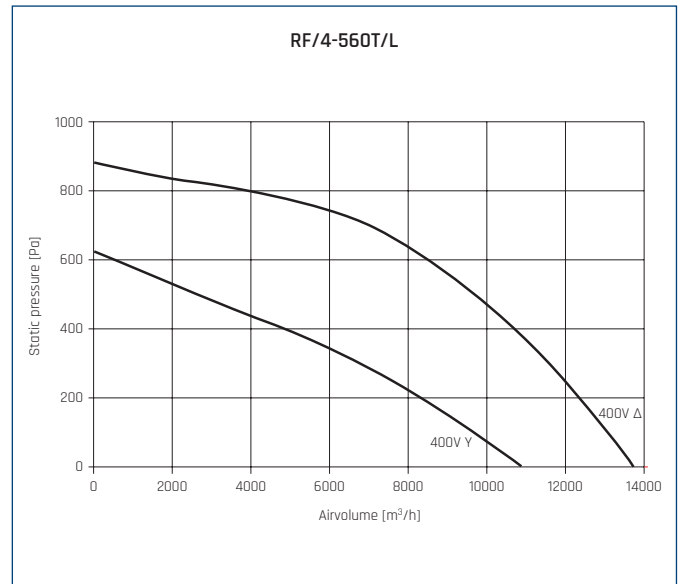
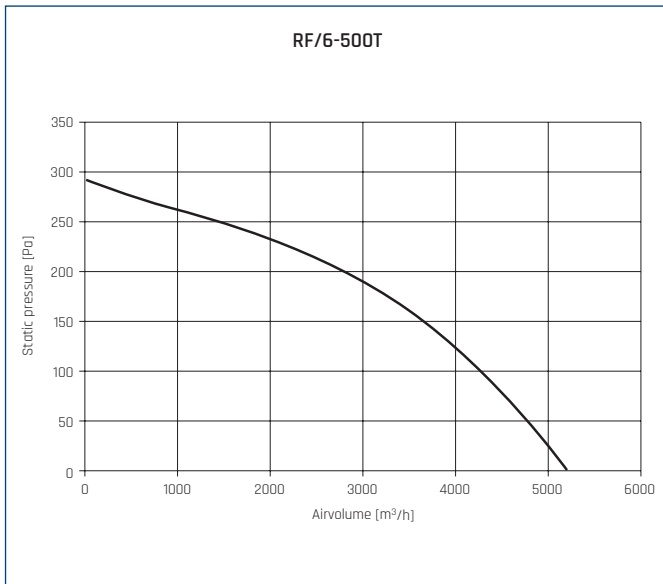
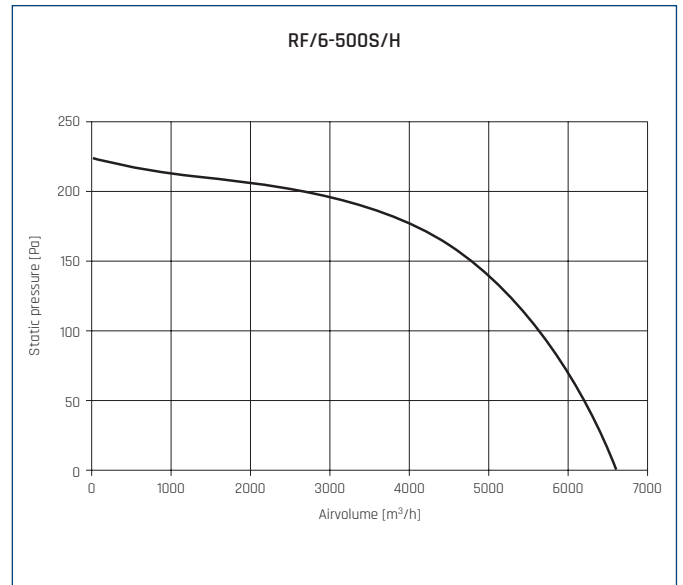
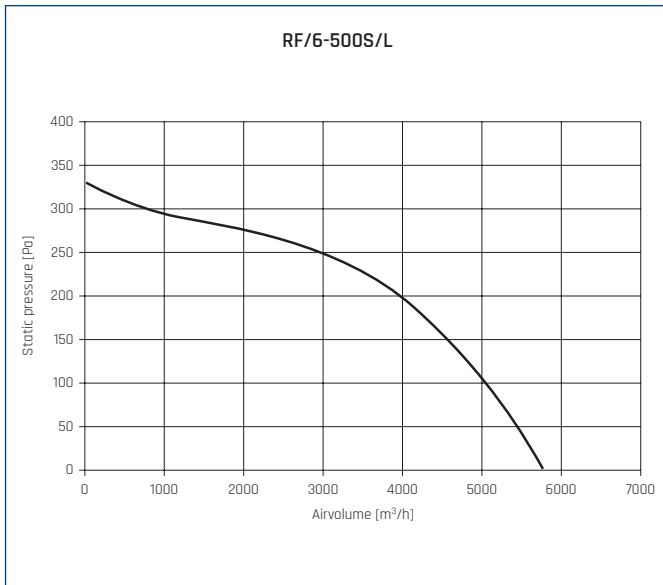
PERFORMANCE CURVES



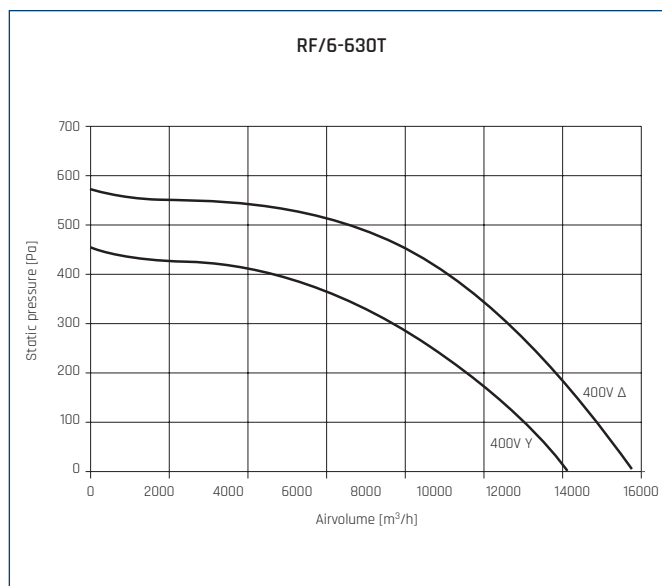
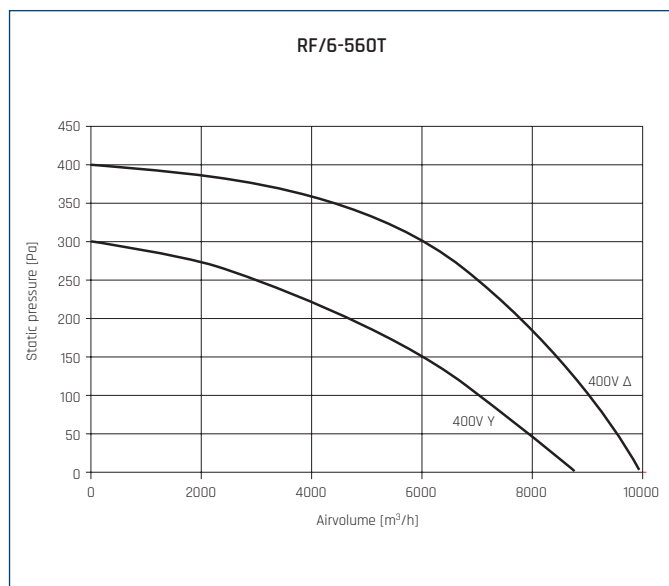
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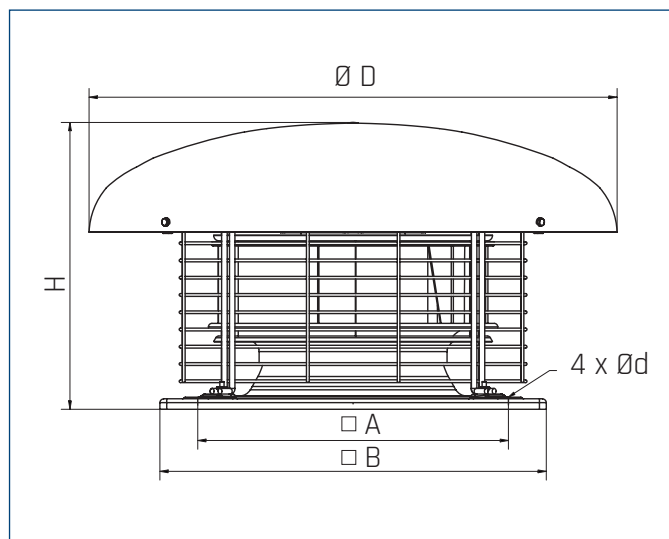
PERFORMANCE CURVES



PERFORMANCE CURVES



DIMENSIONS [mm]



Type	□A	□B	ØD	Ød	H
RF/x-355x	450	560	765	12	416
RF/x-400x	450	560	765	12	416
RF/4-450T/H	535	630	765	12	421
RF/x-450x	535	630	765	12	458
RF/x-500x	590	710	1000	12	535
RF/x-560x	750	900	1000	14	632
RF/x-630x	750	900	1000	14	723

ACOUSTIC CHARACTERISTICS

Sound power level at the fan inlet in dB (A) for different frequency ranges in three points of characteristics:

Type		63	125	250	500	1000	2000	4000	8000	L _{WA}
RF/4-355S	Qmax	44	63	67	72	69	67	78	71	80
	2/3 Qmax	45	60	64	69	66	64	74	66	77
	1/3 Qmax	42	55	60	63	62	62	68	63	72
RF/4-355T	Qmax	44	63	67	72	69	67	78	71	80
	2/3 Qmax	45	60	64	69	66	64	74	66	77
	1/3 Qmax	42	55	60	63	62	62	68	63	72
RF/6-355T	Qmax	35	54	58	63	60	58	69	62	71
	2/3 Qmax	37	52	56	61	58	56	66	58	69
	1/3 Qmax	34	47	52	55	54	54	60	55	64
RF/4-400S	Qmax	46	62	68	73	71	75	89	67	89
	2/3 Qmax	47	62	67	70	66	68	69	53	75
	1/3 Qmax	49	60	64	68	65	66	60	54	73
RF/4-400T	Qmax	46	62	68	73	71	75	89	67	89
	2/3 Qmax	47	62	67	70	66	68	69	53	75
	1/3 Qmax	49	60	64	68	65	66	60	54	73
RF/6-400S	Qmax	32	51	58	62	59	65	61	47	69
	2/3 Qmax	27	45	51	56	53	55	52	42	61
	1/3 Qmax	24	44	45	50	50	51	47	41	56
RF/6-400T	Qmax	40	55	63	66	65	75	65	50	76
	2/3 Qmax	37	49	55	58	56	62	51	40	65
	1/3 Qmax	46	52	57	59	56	53	46	40	63
RF/4-450S	Qmax	53	72	78	81	80	77	73	63	86
	2/3 Qmax	52	68	74	77	75	72	64	58	81
	1/3 Qmax	49	62	69	70	69	68	60	56	75
RF/4-450T/L	Qmax	47	66	72	74	72	76	68	60	80
	2/3 Qmax	41	60	62	64	65	69	62	53	73
	1/3 Qmax	54	67	68	68	67	66	59	52	74
RF/4-450T/H	Qmax	43	60	64	67	68	70	70	63	76
	2/3 Qmax	37	58	62	65	67	68	68	61	74
	1/3 Qmax	34	56	60	63	65	66	63	56	71
RF/6-450T	Qmax	44	63	69	72	71	68	64	54	77
	2/3 Qmax	43	59	65	68	66	63	55	49	72
	1/3 Qmax	39	52	59	60	59	58	50	46	65
RF/4-500T/L	Qmax	49	68	70	70	71	70	70	65	78
	2/3 Qmax	46	65	67	68	67	65	66	62	75
	1/3 Qmax	44	62	62	66	64	60	59	58	71
RF/6-500S/L	Qmax	43	60	67	70	69	73	72	70	78
	2/3 Qmax	39	55	62	65	64	65	65	57	72
	1/3 Qmax	34	54	57	59	62	64	61	54	69
RF/6-500S/H	Qmax	43	58	66	63	65	66	64	58	72
	2/3 Qmax	32	55	65	61	63	63	61	54	70
	1/3 Qmax	32	55	65	59	61	62	57	48	69
RF/6-500T	Qmax	47	55	60	63	64	61	56	68	71
	2/3 Qmax	43	53	57	62	63	57	51	63	68
	1/3 Qmax	41	49	55	60	60	55	50	55	65
RF/4-560T/L	Qmax	50	67	69	72	73	73	73	69	80
	2/3 Qmax	43	60	67	69	71	71	70	66	77
	1/3 Qmax	43	60	64	68	69	69	67	61	75
RF/4-560T/H	Qmax	50	67	70	73	74	74	74	70	81
	2/3 Qmax	43	61	68	70	72	71	70	66	78
	1/3 Qmax	43	60	64	68	70	70	67	61	76

Type		63	125	250	500	1000	2000	4000	8000	L _{WA}
RF/6-560S	Qmax	47	62	64	66	67	67	65	61	74
	2/3 Qmax	38	58	61	63	64	63	60	54	70
	1/3 Qmax	42	57	60	62	63	62	58	51	69
RF/6-560T	Qmax	45	64	70	70	71	77	85	66	86
	2/3 Qmax	40	61	64	64	65	72	81	62	82
	1/3 Qmax	37	54	57	58	64	61	54	49	67
RF/6-630T	Qmax	61	72	78	77	81	78	66	61	85
	2/3 Qmax	57	67	73	71	75	70	62	58	79
	1/3 Qmax	55	62	69	67	74	68	62	59	77

ACOUSTIC CHARACTERISTICS

Sound power level at the fan inlet in dB (A) for different frequency ranges in three points of characteristics:

Type		63	125	250	500	1000	2000	4000	8000	L _{WA}
RF/4-355S	Qmax	50	62	66	71	72	68	66	51	77
	2/3 Qmax	52	60	64	69	70	67	62	50	75
	1/3 Qmax	50	58	62	67	67	64	59	48	72
RF/4-355T	Qmax	50	62	66	70	70	67	66	51	76
	2/3 Qmax	52	59	64	69	69	65	60	49	74
	1/3 Qmax	50	58	62	67	67	64	59	48	72
RF/6-355T	Qmax	49	54	57	61	62	62	57	39	67
	2/3 Qmax	44	49	55	58	59	56	52	38	64
	1/3 Qmax	40	44	48	55	52	49	44	35	58
RF/4-400S	Qmax	56	67	74	78	80	76	72	60	84
	2/3 Qmax	53	64	70	73	75	71	68	58	79
	1/3 Qmax	50	61	67	69	72	67	60	50	76
RF/4-400T	Qmax	56	67	75	79	81	77	73	60	85
	2/3 Qmax	53	64	71	74	76	72	68	58	80
	1/3 Qmax	51	61	67	70	73	68	61	51	77
RF/6-400S	Qmax	46	59	64	65	69	67	63	50	73
	2/3 Qmax	45	57	61	63	66	62	58	45	70
	1/3 Qmax	44	54	58	62	62	57	51	40	67
RF/6-400T	Qmax	56	57	63	68	70	67	57	41	74
	2/3 Qmax	51	56	61	66	67	65	55	40	72
	1/3 Qmax	47	53	58	64	66	60	50	39	69
RF/4-450S	Qmax	56	67	76	82	84	79	77	65	88
	2/3 Qmax	52	65	73	78	80	76	73	62	84
	1/3 Qmax	50	62	70	74	77	73	70	60	81
RF/4-450T/L	Qmax	54	63	74	80	82	79	72	63	86
	2/3 Qmax	50	60	70	79	79	76	70	62	83
	1/3 Qmax	47	57	67	74	76	71	68	60	80
RF/4-450T/H	Qmax	56	65	76	82	85	81	73	64	88
	2/3 Qmax	53	63	72	80	82	78	70	62	85
	1/3 Qmax	52	60	68	78	79	73	68	61	82
RF/6-450T	Qmax	58	66	70	74	75	72	72	54	80
	2/3 Qmax	55	64	68	72	72	69	65	51	77
	1/3 Qmax	50	60	63	67	70	66	60	50	74
RF/4-500T/L	Qmax	60	72	78	83	87	81	77	65	90
	2/3 Qmax	55	68	72	79	83	77	74	61	85
	1/3 Qmax	52	64	68	74	80	75	72	58	82
RF/6-500S/L	Qmax	58	69	72	76	83	79	74	64	85
	2/3 Qmax	55	67	73	74	81	77	72	62	83
	1/3 Qmax	53	64	67	69	73	69	65	57	76
RF/6-500S/H	Qmax	54	65	68	72	77	74	70	60	80
	2/3 Qmax	53	63	65	68	74	70	68	59	77
	1/3 Qmax	52	62	64	67	72	68	66	57	75
RF/6-500T	Qmax	54	66	72	77	80	75	72	59	83
	2/3 Qmax	52	61	67	71	73	68	67	54	77
	1/3 Qmax	51	59	65	69	71	67	66	52	75
RF/4-560T/L	Qmax	56	70	76	83	85	81	75	61	88
	2/3 Qmax	54	68	75	79	83	80	74	57	86
	1/3 Qmax	52	66	72	77	81	79	73	55	84
RF/4-560T/H	Qmax	57	71	78	83	86	83	77	63	89
	2/3 Qmax	55	69	75	79	84	80	74	60	86
	1/3 Qmax	53	67	73	77	82	79	73	59	85

ACCESSORY ASSEMBLY



Type	1	2	3	4	5
		flat roof up stand	flat roof up stand	flat roof up stand	mounting plate
		RSS	RS	RSA	P
RF/X-355		RSS 560	RS 560	RSA 560	P 560
RF/X-400		RSS 560	RS 560	RSA 560	P 560
RF/X-450		RSS 630	RS 630	RSA 630	P 630
RF/X-500		RSS 710	RS 710	RSA 710	P 710
RF/X-560		RSS 905	RS 905	RSA 905	P 905
RF/X-630		RSS 905	RS 905	RSA 905	P 905

Type	1	6	7	8
		backflow preventer	connector anti-vibration	stub-pipe
		KZD	ZPD	K
RF/X-355		KZD 560-N	ZPD 560	K 560
RF/X-400		KZD 560-N	ZPD 560	K 560
RF/X-450		KZD 630-N	ZPD 630	K 630
RF/X-500		KZD 710-N	ZPD 710	K 710
RF/X-560		KZD 905-N	ZPD 905	K 905
RF/X-630		KZD 905-N	ZPD 905	K 905

Article numbers

K 560	43526420	KZD 710-N	43527340	RS 560	43526030	RSA 710	43526150	ZPD 560	43527420
K 630	43526430	KZD 905-N	43527350	RS 630	43526040	RSA 905	43526160	ZPD 630	43527430
K 710	43526440	P 560	43526320	RS 710	43526050	RSS 560	43526530	ZPD 710	43527440
K 905	43526450	P 630	43526330	RS 905	43526060	RSS 630	43526540	ZPD 905	43527450
KZD 560-N	43527320	P 710	43526340	RSA 560	43526130	RSS 710	43526550		
KZD 630-N	43527330	P 905	43526350	RSA 630	43526140	RSS 905	43526560		



ELECTRICAL ACCESSORIES

Type	wall thermostat	duct thermostat	air quality sensor	humidistat	thyristor controller		
	TS	TK-1	SQA	HIG-2	REB N	REB NE	TLR
RF/4-355S	TS	TK-21	SQA	HIG-2	REB-5	-	-
RF/4-355T	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-
RF/6-355T	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-
RF/4-400S	TS	TK-21	SQA	HIG-2	REB-5	-	-
RF/4-400T	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-
RF/6-400S	TS	TK-21	SQA	HIG-2	REB-2,5 N	REB-2,5 NE	TLR 25 DS
RF/6-400T	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-
RF/4-450S	TS	TK-21	SQA	HIG-2	REB-10	-	-
RF/4-450T/L	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-
RF/4-450T/H	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-
RF/6-450T	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-
RF/4-500T/L	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-
RF/6-500S/L	TS	TK-21	SQA	HIG-2	REB-5	-	-
RF/6-500S/H	TS	TK-21	SQA	HIG-2	REB-5	-	-
RF/6-500T	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-
RF/4-560T/L	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-
RF/4-560T/H	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-
RF/6-560S	TS	TK-21	SQA	HIG-2	REB-5	-	-
RF/6-560T	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-
RF/6-630T	TS + contactor	TK-21 + contactor	SQA + contactor	HIG-2 + contactor	-	-	-

Type	11-speed thyristor controller	2-adjustable 6-speed thyristor controller	ERV	transformer regulator			transformer regulator 2-adjustable	inverter
	IRF	RND-1		RMB	RVS	RMT	SC2A	
RF/4-355S	IRF-900	-	ERV 3	RMB 3,5	RVS 3	-	SC2A1-25L25	-
RF/4-355T	-	-	-	-	-	RMT 1,5	SC2A4-15L55	L 0.4kW
RF/6-355T	-	-	-	-	-	RMT 1,5	SC2A4-15L55	L 0.4kW
RF/4-400S	IRF-900	-	ERV 3	RMB 3,5	RVS 3	-	SC2A1-35L25	-
RF/4-400T	-	-	-	-	-	RMT 1,5	SC2A4-15L55	L 0.75kW
RF/6-400S	IRF-900	RND-1	ERV 3	RMB 1,5	RVS 3	-	SC2A1-15L25	-
RF/6-400T	-	-	-	-	-	RMT 1,5	SC2A4-15L55	L 0.4kW
RF/4-450S	-	-	ERV 10	RMB 8	RVS 7	-	SC2A1-75L25	-
RF/4-450T/L	-	-	-	-	-	RMT 2,5	SC2A4-25L55	L 0.75kW
RF/4-450T/H	-	-	-	-	-	RMT 5	SC2A4-40L55	L 1.5kW
RF/6-450T	-	-	-	-	-	RMT 1,5	SC2A4-15L55	L 0.4kW
RF/4-500T/L	-	-	-	-	-	RMT 5	SC2A4-40L55	L 1.5kW
RF/6-500S/L	IRF-900	-	ERV 3	RMB 3,5	RVS 3	-	SC2A1-35L25	-
RF/6-500S/H	IRF-900	-	ERV 3	RMB 3,5	RVS 3	-	SC2A1-35L25	-
RF/6-500T	-	-	-	-	-	RMT 1,5	SC2A4-15L55	L 0.4kW
RF/4-560T/L	-	-	-	-	-	RMT 8	SC2A4-60L55	L 2.2kW
RF/4-560T/H	-	-	-	-	-	RMT 8	SC2A4-60L55	L 2.2kW
RF/6-560S	-	-	ERV 5	RMB 8	RVS 7	-	SC2A1-50L25	-
RF/6-560T	-	-	-	-	-	RMT 2,5	SC2A4-25L55	L 0.75kW
RF/6-630T	-	-	-	-	-	RMT 8	SC2A4-60L55	L 2.2kW

Article numbers

ERV-10	40025054	L 2.2kW	40016332	RMT-2.5	40025105	SC2-1-35L25	40025254	SC2A4-25L55	40025272
ERV-3	40025046	REB-10	40025055	RMT-5	40025115	SC2-1-50L25	40025256	SC2A4-40L55	40025274
ERV-5	40025053	REB-2.5 N	40025030	RMT-8	40025120	SC2-1-75L25	40025258	SC2A4-60L55	40025276
HIG-2	40025150	REB-2.5 NE	40025040	RND-1	40025630	SC2A1-25L25	40025253	SQA	40025140
IRF-900	40015154	REB-5	40025051	RVS-3	40025234	SC2A1-35L25	40025255	TK-1	40025330
L 0.4kW	40016302	RMB-3.5	40025070	RVS-5	40025235	SC2A1-50L25	40025257	TLR 25 DS	40025045
L 0.75kW	40016312	RMB-8	40025080	RVS-7	40025236	SC2A1-75L25	40025259	TS	40025345
L 1.5kW	40016322	RMT-1.5	40025100	SC2-1-25L25	40025252	SC2A4-15L55	40025270		

ELECTRICAL ACCESSORIES

									
thermostat TS	thermostat TK-1	sensor SQA	humidistat HIG-2	regulator REB	regulator TLR	regulator IRF	regulator RND-1	regulator ERV	regulator RMB
									
regulator RVS	transformer regulator 2-adjustable	inverter							

ERP CHARACTERISTICS

		NRVU*						
	Type	RF/4-355S	RF/4-355T	RF/6-355T	RF/4-400S	RF/4-400T	RF/6-400S	RF/6-400T
a	supplier name	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES
b	article number	43528120	43528125	43528135	43528140	43528142	43528145	43528146
c	device category	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU
c	device type	UVU	UVU	UVU	UVU	UVU	UVU	UVU
d	type of drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive
e	type of heat recovery system	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
f	thermal efficiency of heat recovery [%]	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
g	reference flow rate in NRVU [m ³ /s]	0,53	0,55	0,44	0,78	0,85	0,43	0,84
h	electric power input [kW]	0,49	0,46	0,16	0,52	0,64	0,18	0,24
i	SFPint [W/(m ³ /s)]	925	829	376	669	755	411	289
j	face velocity [m/s]	1,68	1,74	1,37	2,2	2,41	1,22	2,38
k	$\Delta p_{s, ext}$ [Pa]	353	341	133	261	382	167	125
l	$\Delta p_{s, int}$ [Pa]	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
m	$\Delta p_{s, add}$ [Pa]	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
n	static efficiency of fans [%]	38,2	41,1	35,4	38,8	49,5	40,6	43,4
o	maximum external leakage rate [%]	0	0	0	0	0	0	0
p	energy performance	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
q	visual filter warning	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
r	L_{WA} [dB(A)]	70	68	59	71	73	63	63
s	internet address	www.ventur.eu	www.ventur.eu	www.ventur.eu	www.ventur.eu	www.ventur.eu	www.ventur.eu	www.ventur.eu

* NRVU - "non-residential ventilation unit" - according to COMMISSION REGULATION (EU) No 1254/2014.

ERP CHARACTERISTICS

		NRVU*						
	Type	RF/4-450S	RF/4-450T/L	RF/4-450T/H	RF/6-450T	RF/4-500T/L	RF/4-500T/H	RF/6-500S/L
a	supplier name	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES
b	article number	43528150	43528151	43528152	43528155	43528161	43528163	43528162
c	device category	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU
c	device type	UVU	UVU	UVU	UVU	UVU	UVU	UVU
d	type of drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive
e	type of heat recovery system	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
f	thermal efficiency of heat recovery [%]	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
g	reference flow rate in NRVU [m ³ /s]	1,14	1,26	1,37	0,83	1,33	1,25	1,08
h	electric power input [kW]	1,27	0,99	0,96	0,41	1,22	1,39	0,47
i	SFPint [W/(m ³ /s)]	1115	785	699	492	915	1108	435
j	face velocity [m/s]	2,9	3,21	3,48	2,12	3,03	2,84	2,46
k	Δp_s , ext (Pa)	548	385	336	211	434	593	205
l	Δp_s , int (Pa)	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
m	Δp_s , add (Pa)	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
n	static efficiency of fans [%]	49,9	49,0	48,0	42,9	47,4	53,5	47,2
o	maximum external leakage rate [%]	0	0	0	0	0	0	0
p	energy performance	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
q	visual filter warning	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
r	L_{wa} [dB(A)]	72	77	78	64	72	73	68
s	internet address	www.ventur.eu	www.ventur.eu	www.ventur.eu	www.ventur.eu	www.ventur.eu	www.ventur.eu	www.ventur.eu

* NRVU - "non-residential ventilation unit" - according to COMMISSION REGULATION (EU) No 1254/2014.

ERP CHARACTERISTICS

		NRVU*						
	Type	RF/6-500S/H	RF/6-500T	RF/4-560T/L	RF/4-560T/H	RF/6-560S	RF/6-560T	RF/6-630T
a	supplier name	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES	VENTURE INDUSTRIES
b	article number	43528165	43528164	43528170	43528172	43528174	43528176	43528180
c	device category	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU	NRVU
c	device type	UVU	UVU	UVU	UVU	UVU	UVU	UVU
d	type of drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive
e	type of heat recovery system	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
f	thermal efficiency of heat recovery [%]	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
g	reference flow rate in NRVU [m ³ /s]	1,1	0,99	2,34	2,36	1,66	1,92	2,76
h	electric power input [kW]	0,52	0,35	2,73	2,51	0,82	0,91	2,38
i	SFPint [W/(m ³ /s)]	469	352	1167	1063	495	475	863
j	face velocity [m/s]	2,49	2,25	4,73	4,77	3,35	3,87	4,94
k	Δp_s , ext (Pa)	182	152	604	510	218	259	416
l	Δp_s , int (Pa)	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
m	Δp_s , add (Pa)	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
n	static efficiency of fans [%]	38,8	43,2	51,8	47,9	44,0	54,6	48,1
o	maximum external leakage rate [%]	0	0	0	0	0	0	0
p	energy performance	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
q	visual filter warning	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable
r	L_{wa} [dB(A)]	66	66	76	77	66	69	74
s	internet address	www.ventur.eu	www.ventur.eu	www.ventur.eu	www.ventur.eu	www.ventur.eu	www.ventur.eu	www.ventur.eu

* NRVU - "non-residential ventilation unit" - according to COMMISSION REGULATION (EU) No 1254/2014.