



## APPLICATION

Very quiet operation makes CAB ideal for ventilation of public buildings, libraries, conference rooms, offices, restaurants, classrooms, audio studios, etc.

## CONSTRUCTION

Housing made of galvanized sheet steel, fire resistant acoustic (MO fiberglass) layer 50 mm thick.

Impeller with forward curved blades of galvanized sheet steel. Circular connection joints with rubber gaskets.

The open housing allows access to the impeller and motor without dismantling the fan from the installation. The housing cover is fitted with locks for fast inspection without additional tools. All models are also equipped with four mounting brackets to allow the fan to be installed on a wall, floor or ceiling. As standard the device is designed to be mounted directly to the outside.

## MOTOR

The fans are equipped with asynchronous, single-phase 230V, 50/60Hz (models 100, 125, 150, 160), 230V, 50Hz (models 200, 250N, 315 RE, 355 RE, 400 RE), with ball bearings. CAB 100 - CAB 250N models have IP44 protection rating, insulation class B, CAB 315 RE - IP44 protection class, insulation class F, CAB models 355 RE - CAB 400 RE - IP55 protection class, insulation class F.

All motors are designed for voltage-controlled speed control. Electrical connection diagram - fig. 9, p. 663.



WWW



DTR



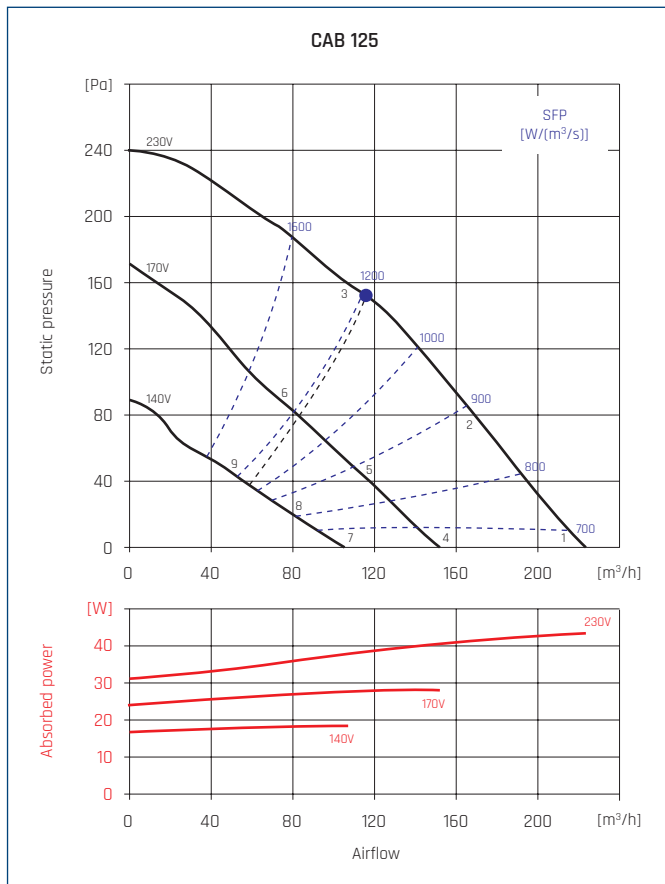
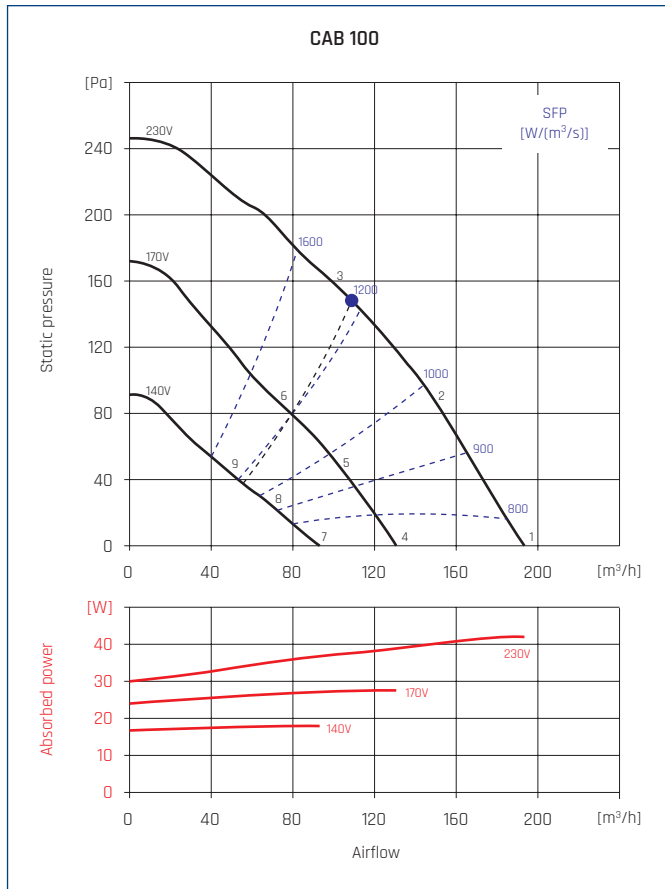
CE

## TECHNICAL CHARACTERISTICS

Type	voltage	speed	maximum absorbed power	maximum absorbed current	airflow at free discharge	operating temp.		sound pressure level*	weight	regulator	ErP	article number
	[V]	[r.p.m.]	[W]	[A]	[m <sup>3</sup> /h]	min	max	[dB(A)]				
CAB 100	230	1390	42	0,18	190	-20	+40	23	16	TLR 15 DS RVS 1,5	2016	41020402
	170	890	26	0,16	120			17				
	140	680	18	0,14	90			9				
CAB 125	230	1190	43	0,19	220	-20	+40	22	16	TLR 15 DS RVS 1,5	2016	41020405
	170	770	26	0,16	140			14				
	140	140	18	0,14	110			6				
CAB 150	230	1580	93	0,41	350	-20	+40	29	18	TLR 15 DS RVS 1,5	2016	41020407
	170	1040	49	0,31	220			22				
	140	780	33	0,26	170			14				
CAB 160	230	1740	94	0,41	360	-20	+40	28	18	TLR 15 DS RVS 1,5	2016	41020410
	170	1170	56	0,34	240			22				
	140	870	38	0,29	180			15				
CAB 200	230	2330	299	1,26	920	-20	+40	40	22	TLR 15 DS RVS 1,5	2016	41020420
	170	1450	217	1,32	580			34				
	140	1110	166	1,19	430			28				
CAB 250N	230	1550	395	1,73	1180	-20	+40	32	22	TLR 25 DS RVS 3	2016	41020435
	170	980	240	1,49	740			24				
	140	770	165	1,29	560			29				
CAB 315 RE	230	1280	357	1,53	2110	-20	+40	38	33	TLR 25 DS RVS 3	2016	41020442
	170	1120	299	1,66	1770			36				
	140	790	229	1,69	1310			31				
CAB 355 RE	230	1330	861	4,13	3200	-20	+40	45	35	REB 5 RVS 5	2016	41020446
	170	1100	737	4,69	2590			43				
	140	700	496	4,44	1690			36				
CAB 400 RE	230	1330	870	4,09	3080	-20	+40	41	35	REB 5 RVS 5	2016	41020451
	170	1060	742	4,73	2460			39				
	140	690	500	4,36	1650			32				

\* measured at a distance of 3 m from the fan.

## PERFORMANCE CURVES



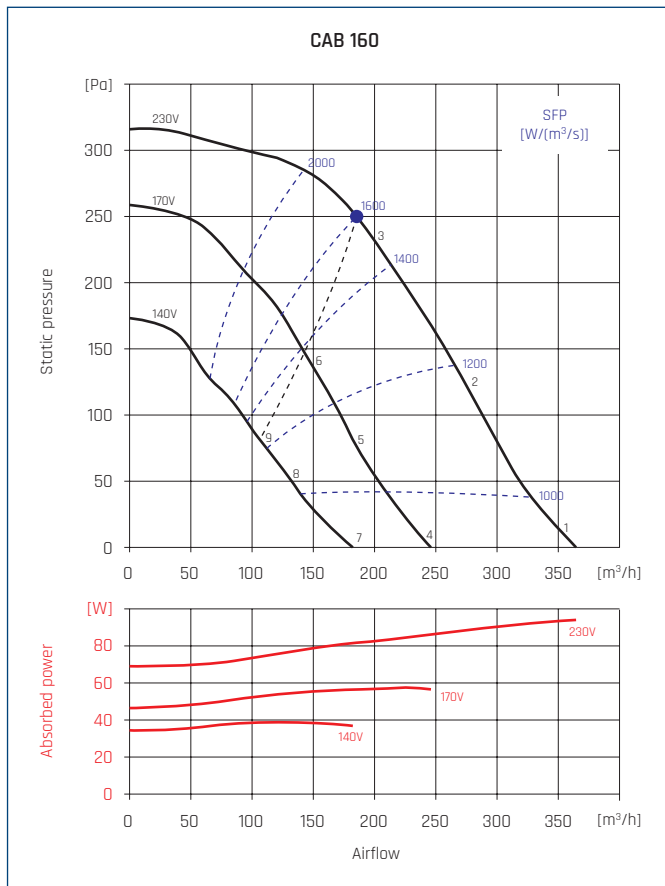
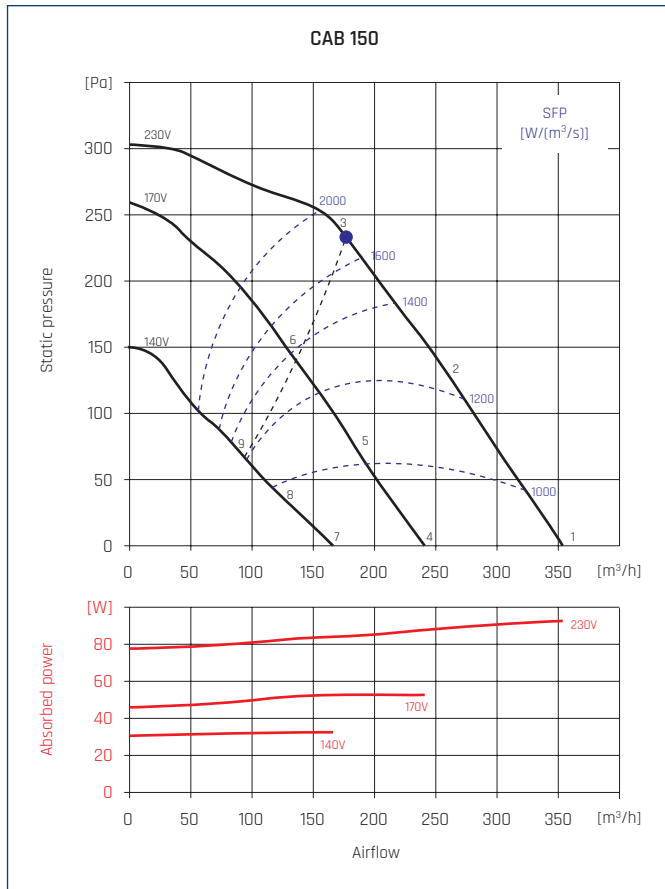
● - highest efficiency point.

## ACOUSTIC CHARACTERISTICS

Hz/dB(A)		63	125	250	500	1000	2000	4000	8000	L <sub>WA</sub>
1	Inlet	38	42	35	36	35	32	28	24	45
	Outlet	32	46	43	46	55	52	48	45	58
	Emitted	38	39	34	35	33	30	28	24	44
2	Inlet	38	41	35	34	34	32	27	25	45
	Outlet	34	44	42	46	56	53	48	44	59
	Emitted	38	38	34	33	32	30	27	25	43
3	Inlet	40	45	37	35	36	35	30	25	48
	Outlet	35	48	45	49	57	54	50	46	60
	Emitted	40	42	36	34	34	33	30	25	46
4	Inlet	29	33	26	27	26	23	19	15	37
	Outlet	23	37	34	37	46	43	39	36	49
	Emitted	29	30	25	26	24	21	19	15	35
5	Inlet	32	35	29	28	28	26	21	19	38
	Outlet	26	36	34	38	48	45	40	36	51
	Emitted	32	32	28	27	26	24	21	19	37
6	Inlet	34	39	31	29	30	29	24	19	42
	Outlet	28	41	38	42	50	47	43	39	53
	Emitted	34	36	30	28	28	27	24	19	40
7	Inlet	22	26	19	20	19	16	12	8	29
	Outlet	16	30	27	30	39	36	32	29	42
	Emitted	22	23	18	19	17	14	12	8	28
8	Inlet	24	27	21	20	20	18	13	11	30
	Outlet	18	28	26	30	40	37	32	28	43
	Emitted	24	24	20	19	18	16	13	11	29
9	Inlet	26	31	23	21	22	21	16	11	34
	Outlet	20	33	30	34	42	39	35	31	45
	Emitted	26	28	22	20	20	19	16	11	32

Hz/dB(A)		63	125	250	500	1000	2000	4000	8000	L <sub>WA</sub>
1	Inlet	36	42	35	35	33	30	29	25	45
	Outlet	33	44	43	50	56	53	49	45	59
	Emitted	36	41	35	32	30	27	22	20	44
2	Inlet	35	40	35	33	33	30	29	25	44
	Outlet	32	43	42	49	56	54	49	45	59
	Emitted	35	39	35	30	30	27	22	20	42
3	Inlet	40	45	37	35	36	35	30	25	48
	Outlet	35	48	45	49	57	54	50	46	60
	Emitted	40	44	37	32	33	32	23	20	47
4	Inlet	24	30	23	23	21	18	17	13	33
	Outlet	21	32	31	38	44	41	37	33	47
	Emitted	24	29	23	20	18	15	10	8	32
5	Inlet	27	32	27	25	25	22	21	17	35
	Outlet	22	33	32	39	46	44	39	35	50
	Emitted	27	31	27	22	22	19	14	12	34
6	Inlet	32	37	29	27	28	27	22	17	40
	Outlet	26	39	36	40	48	45	41	37	51
	Emitted	32	36	29	24	25	24	15	12	39
7	Inlet	16	22	15	15	13	10	9	5	25
	Outlet	13	24	23	30	36	33	29	25	39
	Emitted	16	21	15	12	10	7	2	0	24
8	Inlet	19	24	19	17	17	14	13	9	28
	Outlet	15	26	25	32	39	37	32	28	42
	Emitted	19	23	19	14	14	11	6	4	26
9	Inlet	25	30	22	20	21	20	15	10	33
	Outlet	19	32	29	33	41	38	34	30	44
	Emitted	25	29	22	17	18	17	8	5	32

## PERFORMANCE CURVES



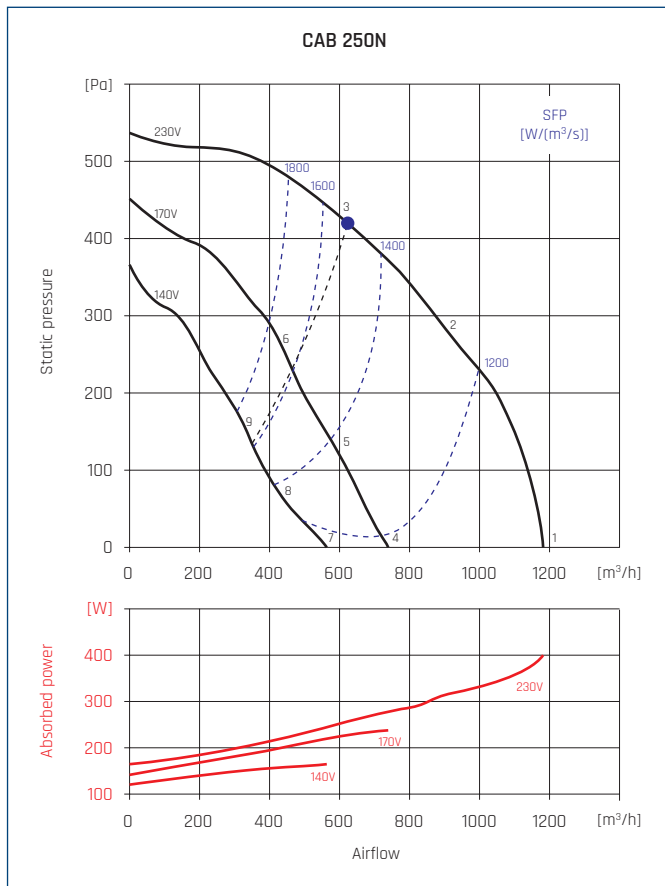
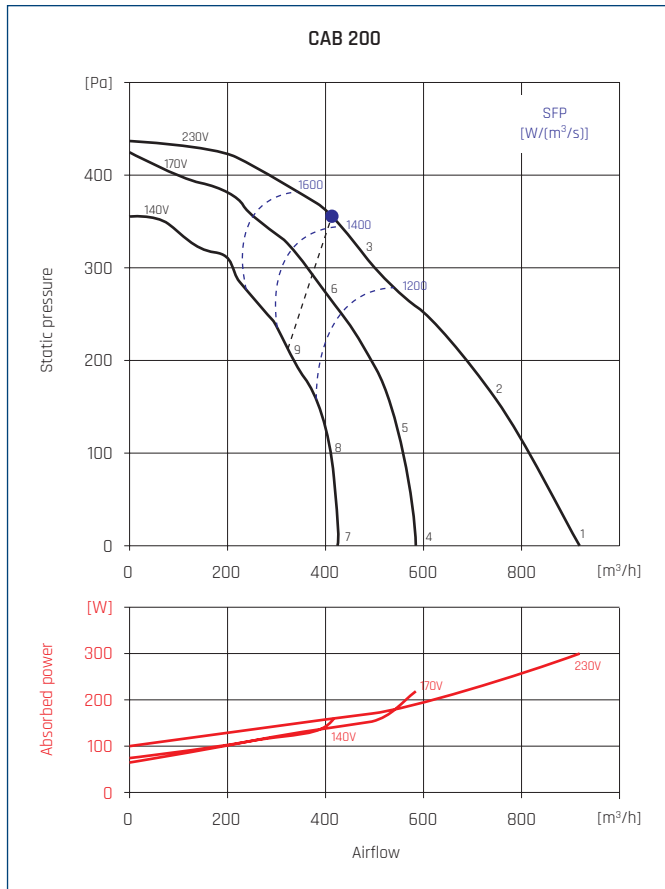
● - highest efficiency point.

## ACOUSTIC CHARACTERISTICS

Hz/dB(A)		63	125	250	500	1000	2000	4000	8000	L <sub>WA</sub>
1	Inlet	46	53	45	45	44	41	41	37	56
	Outlet	40	56	56	59	65	63	59	57	69
	Emitted	46	49	40	40	41	34	31	28	52
2	Inlet	41	51	43	42	43	41	41	36	53
	Outlet	35	53	53	57	63	62	58	56	67
	Emitted	41	47	38	37	40	34	31	27	49
3	Inlet	42	49	41	42	44	43	40	36	53
	Outlet	35	51	50	56	63	62	57	55	67
	Emitted	42	45	36	37	41	36	30	27	49
4	Inlet	37	44	36	36	35	32	32	28	47
	Outlet	31	47	47	50	56	54	50	48	60
	Emitted	37	40	31	31	32	25	22	19	43
5	Inlet	34	44	36	35	36	34	34	29	46
	Outlet	28	46	46	50	56	55	51	49	60
	Emitted	34	40	31	30	33	27	24	20	42
6	Inlet	36	43	35	36	38	37	34	30	46
	Outlet	29	45	44	50	57	56	51	49	61
	Emitted	36	39	30	31	35	30	24	21	42
7	Inlet	29	36	28	28	27	24	24	20	39
	Outlet	23	39	39	42	48	46	42	40	52
	Emitted	29	32	23	23	24	17	14	11	35
8	Inlet	26	36	28	27	28	26	26	21	38
	Outlet	20	38	38	42	48	47	43	41	52
	Emitted	26	32	23	22	25	19	16	12	34
9	Inlet	28	35	27	28	30	29	26	22	39
	Outlet	21	37	36	42	49	48	43	41	53
	Emitted	28	31	22	23	27	22	16	13	35

Hz/dB(A)		63	125	250	500	1000	2000	4000	8000	L <sub>WA</sub>
1	Inlet	47	54	45	44	44	42	44	40	56
	Outlet	41	57	55	60	65	63	59	57	69
	Emitted	47	50	40	39	41	37	35	30	53
2	Inlet	42	50	42	41	42	41	43	39	53
	Outlet	36	53	52	58	64	62	58	56	68
	Emitted	42	46	37	36	39	36	34	29	49
3	Inlet	42	49	41	41	43	41	42	38	52
	Outlet	36	51	50	57	63	62	57	54	67
	Emitted	42	45	36	36	40	36	33	28	49
4	Inlet	40	47	38	37	37	35	37	33	49
	Outlet	35	51	49	54	59	57	53	51	63
	Emitted	40	43	33	32	34	30	28	23	45
5	Inlet	36	44	36	35	36	35	37	33	47
	Outlet	30	47	46	52	58	56	52	50	62
	Emitted	36	40	31	30	33	30	28	23	43
6	Inlet	36	43	35	35	37	35	36	32	46
	Outlet	30	45	44	51	57	56	51	48	61
	Emitted	36	39	30	30	34	30	27	22	43
7	Inlet	32	39	30	29	29	27	29	25	42
	Outlet	27	43	41	46	51	49	45	43	55
	Emitted	32	35	25	24	26	22	20	15	38
8	Inlet	29	37	29	28	29	28	30	26	40
	Outlet	23	40	39	45	51	49	45	43	55
	Emitted	29	33	24	23	26	23	21	16	36
9	Inlet	30	37	29	29	31	29	30	26	40
	Outlet	24	39	38	45	51	50	45	42	55
	Emitted	30	33	24	24	28	24	21	16	36

## PERFORMANCE CURVES



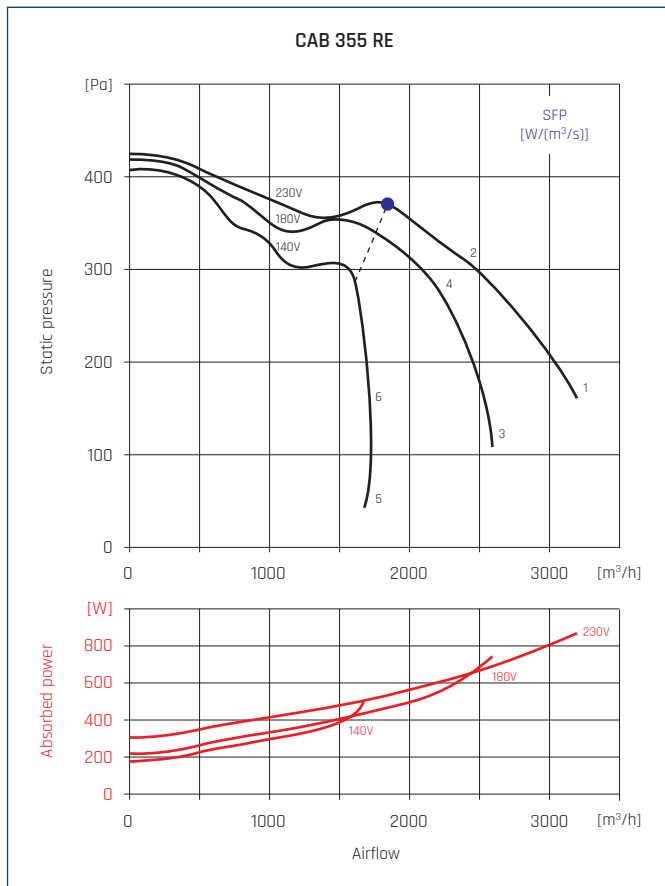
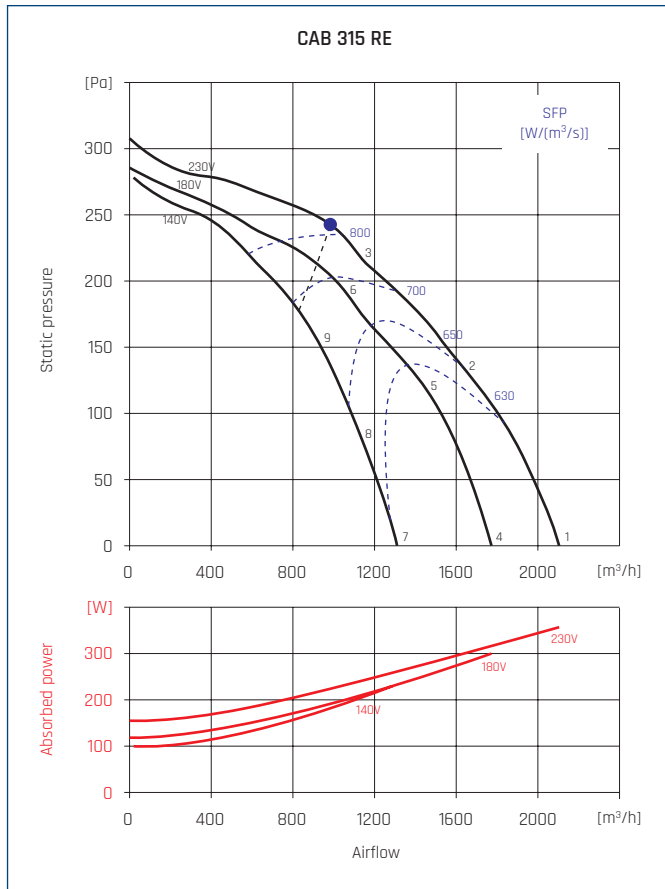
● - highest efficiency point.

## ACOUSTIC CHARACTERISTICS

Hz/dB(A)		63	125	250	500	1000	2000	4000	8000	L <sub>WA</sub>
1	Inlet	52	61	58	59	56	57	57	52	66
	Outlet	48	64	65	70	76	78	74	72	82
	Emitted	52	61	54	53	52	53	47	42	64
2	Inlet	52	57	53	55	53	54	54	49	63
	Outlet	46	60	62	68	74	76	72	69	80
3	Inlet	51	57	52	52	51	51	50	44	61
	Outlet	49	61	61	65	70	72	68	64	76
4	Inlet	41	50	47	48	45	46	46	41	56
	Outlet	37	53	54	59	65	67	63	61	71
5	Inlet	46	51	47	49	47	48	48	43	57
	Outlet	40	54	56	62	68	70	66	63	74
6	Inlet	48	54	49	49	48	48	47	41	59
	Outlet	46	58	58	62	67	69	65	61	74
7	Inlet	35	44	41	42	39	40	40	35	50
	Outlet	31	47	48	53	59	61	57	55	65
8	Inlet	40	45	41	43	41	42	42	37	51
	Outlet	34	48	50	56	62	64	60	57	68
9	Inlet	46	52	47	47	46	46	45	39	56
	Outlet	44	56	56	60	65	67	63	59	71

Hz/dB(A)		63	125	250	500	1000	2000	4000	8000	L <sub>WA</sub>
1	Inlet	49	54	50	49	48	51	48	42	59
	Outlet	45	55	57	63	71	70	67	64	75
	Emitted	39	47	42	41	44	44	40	33	52
2	Inlet	52	54	52	51	48	54	49	42	60
	Outlet	51	59	60	67	71	74	69	64	77
3	Inlet	55	56	55	52	51	58	51	45	63
	Outlet	51	62	62	70	74	77	73	68	81
4	Inlet	39	44	40	39	38	40	38	32	49
	Outlet	35	45	47	53	61	60	57	53	65
5	Inlet	43	45	44	42	39	45	40	33	52
	Outlet	42	50	51	59	62	66	61	56	69
6	Inlet	37	38	37	34	33	40	34	27	45
	Outlet	33	44	44	52	56	60	55	50	63
7	Inlet	34	39	35	34	33	35	33	27	44
	Outlet	30	40	42	48	56	55	52	48	60
8	Inlet	49	51	49	48	45	51	46	39	57
	Outlet	48	56	57	64	68	71	66	62	75
9	Inlet	44	45	44	41	40	47	40	34	52
	Outlet	40	51	51	59	63	66	62	57	70

PERFORMANCE CURVES



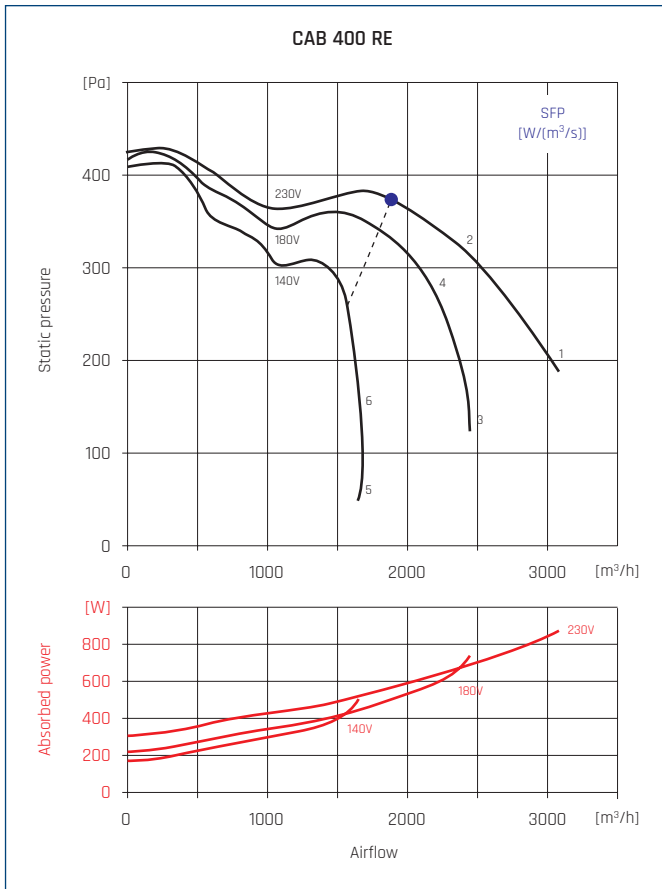
● - highest efficiency point.

ACOUSTIC CHARACTERISTICS

Hz/dB(A)		63	125	250	500	1000	2000	4000	8000	L <sub>WA</sub>
1	Inlet	55	59	60	55	57	55	50	41	65
	Outlet	59	63	64	70	74	71	67	62	78
	Emitted	52	59	54	51	52	51	49	32	62
2	Inlet	53	55	56	52	55	53	47	38	62
	Outlet	51	59	61	67	71	68	64	58	75
	Emitted	50	55	50	48	50	49	46	29	59
3	Inlet	55	56	54	51	53	51	45	38	62
	Outlet	51	58	58	65	69	67	62	56	73
	Emitted	52	56	48	47	48	47	44	29	59
4	Inlet	52	56	57	52	54	52	47	38	62
	Outlet	56	60	61	67	71	68	64	59	75
	Emitted	49	56	51	48	49	48	46	29	59
5	Inlet	51	53	54	50	53	51	45	36	60
	Outlet	49	57	59	65	69	66	62	56	73
	Emitted	48	53	48	46	48	47	44	27	57
6	Inlet	54	55	53	50	52	50	44	37	60
	Outlet	50	57	57	64	68	66	61	55	72
	Emitted	51	55	47	46	47	46	43	28	58
7	Inlet	44	48	49	44	46	44	39	30	55
	Outlet	48	52	53	59	63	60	56	51	67
	Emitted	41	48	43	40	41	40	38	21	52
8	Inlet	46	48	49	45	48	46	40	31	55
	Outlet	44	52	54	60	64	61	57	51	68
	Emitted	43	48	43	41	43	42	39	22	52
9	Inlet	51	52	50	47	49	47	41	34	57
	Outlet	47	54	54	61	65	63	58	52	69
	Emitted	48	52	44	43	44	43	40	25	55

Hz/dB(A)		63	125	250	500	1000	2000	4000	8000	L <sub>WA</sub>
1	Inlet	55	60	63	57	61	61	58	49	68
	Outlet	60	64	68	73	79	78	77	71	84
	Emitted	55	60	63	57	61	61	58	49	68
2	Inlet	53	57	58	54	60	58	54	45	65
	Outlet	55	60	64	69	75	73	72	65	79
	Emitted	53	57	58	54	60	58	54	45	65
3	Inlet	50	55	58	52	56	56	53	44	64
	Outlet	55	59	63	68	74	73	72	66	79
	Emitted	50	55	58	52	56	56	53	44	64
4	Inlet	51	55	56	52	58	56	52	43	64
	Outlet	53	58	62	67	73	71	70	63	78
	Emitted	51	55	56	52	58	56	52	43	64
5	Inlet	40	45	48	42	46	46	43	34	54
	Outlet	45	49	53	58	64	63	62	56	69
	Emitted	40	45	48	42	46	46	43	34	54
6	Inlet	44	48	49	45	51	49	45	36	56
	Outlet	46	51	55	60	66	64	63	56	70
	Emitted	44	48	49	45	51	49	45	36	56
7	Inlet	44	48	49	44	46	44	39	30	55
	Outlet	48	52	53	59	63	60	56	51	67
	Emitted	41	48	43	40	41	40	38	21	52
8	Inlet	46	48	49	45	48	46	40	31	55
	Outlet	44	52	54	60	64	61	57	51	68
	Emitted	43	48	43	41	43	42	39	22	52
9	Inlet	51	52	50	47	49	47	41	34	57
	Outlet	47	54	54	61	65	63	58	52	69
	Emitted	48	52	44	43	44	43	40	25	55

## PERFORMANCE CURVES

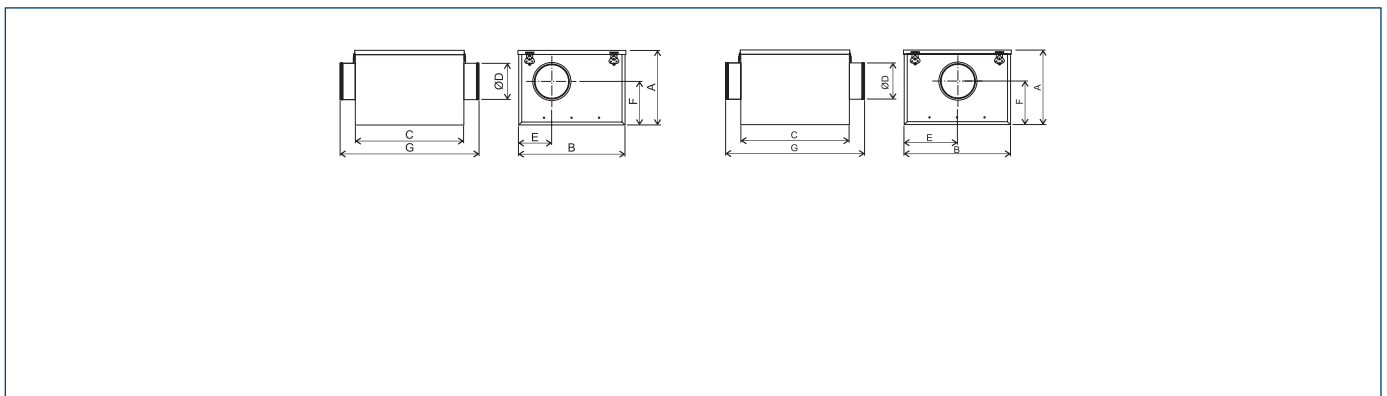


• - highest efficiency point.

## ACOUSTIC CHARACTERISTICS

Hz/dB(A)		63	125	250	500	1000	2000	4000	8000	L <sub>WA</sub>
1	Inlet	55	61	64	59	63	63	61	52	70
	Outlet	58	65	68	74	79	78	77	71	84
	Emitted	50	58	55	50	56	56	59	45	64
2	Inlet	53	58	60	56	61	60	57	47	67
	Outlet	54	63	65	70	76	74	72	66	80
3	Emitted	48	55	51	47	54	53	55	40	61
	Inlet	49	55	58	53	57	57	55	46	64
	Outlet	52	59	62	68	73	72	71	65	78
4	Emitted	44	52	49	44	50	50	53	39	58
	Inlet	51	56	58	54	59	58	55	45	65
	Outlet	52	61	63	68	74	72	70	64	78
5	Emitted	46	53	49	45	52	51	53	38	59
	Inlet	40	46	49	44	48	48	46	37	55
	Outlet	43	50	53	59	64	63	62	56	69
6	Emitted	35	43	40	35	41	41	44	30	49
	Inlet	44	49	51	47	52	51	48	38	58
	Outlet	45	54	56	61	67	65	63	57	71
7	Emitted	39	46	42	38	45	44	46	31	52
	Inlet	44	48	49	44	46	44	39	30	55
	Outlet	48	52	53	59	63	60	56	51	67
8	Emitted	41	48	43	40	41	40	38	21	52
	Inlet	46	48	49	45	48	46	40	31	55
	Outlet	44	52	54	60	64	61	57	51	68
9	Emitted	43	48	43	41	43	42	39	22	52
	Inlet	51	52	50	47	49	47	41	34	57
	Outlet	47	54	54	61	65	63	58	52	69
9	Emitted	48	52	44	43	44	43	40	25	55

## DIMENSIONS [mm]



Type	A	B	C	ØD	E	F	G
CAB 100	312	388	395	100	125	273	505
CAB 125	312	388	395	125	125	273	505
CAB 150	312	388	395	150	143	273	505
CAB 160	312	388	395	160	143	273	505
CAB 200	328	430	365	200	216	210	475
CAB 250N	383	525	450	250	263	237	560
CAB 315 RE	443	600	505	315	301	264	615
CAB 355 RE	513	660	600	355	331	292	710
CAB 400 RE	513	660	600	400	331	292	710

## ACCESSORY ASSEMBLY



1 Type	2 channel filter DF	3 channel filter DF-K					
			cartridge filter to DF-K				
			EU3	EU5	EU7	EU9	H13
CAB 100	40520610	40521710	40520800	40520805	40520810	40520820	40520822-01
CAB 125	40520620	40521715	40520800	40520805	40520810	40520820	40520822-01
CAB 150	40520630*	40521720*	40520800*	40520805*	40520810*	40520820*	40520822-01*
CAB 160	40520630	40521720	40520800	40520805	40520810	40520820	40520822-01
CAB 200	40520640	40521725	40520800	40520805	40520810	40520820	40520822-01
CAB 250N	40520650	40521730	40520800	40520805	40520810	40520820	40520822-01
CAB 315 RE	40520660	40521735	40520830	40520835	40520840	-	-
CAB 355 RE	40520670	40521740	40520830	40520835	40520840	-	-
CAB 400 RE	40520675	40521745	40520830	40520835	40520840	-	-

1 Type	4 backdraft shutter CAR-PL	5 antivibration connector ACOP-PL	6 flexible silencer AKU COMP		7 throttle IRIS	8 vent KWO
			0,6m	1,2m		
CAB 100	40521010-01	40521810	40521510	40521610	19527100	40522520
CAB 125	40521020-01	40521815	40521520	40521620	19527125	40522530
CAB 150	40521029-01	40521818	40521530*	40521630*	19527160*	40522540*
CAB 160	40521030-01	40521820	40521530	40521630	19527160	40522540
CAB 200	40521040-01	40521825	40521540	40521640	19527200	40522550
CAB 250N	40521050-01	40521830	40521550	40521650	19527250	40522560
CAB 315 RE	40521060-01	40521835	40521560	40521660	19527315	40522570
CAB 355 RE	40521065-01	40521840	-	-	-	-
CAB 400 RE	40521070-01	40521845	-	-	19527400	40522580

\* mounting accessories dedicated to 160 mm diameter.

filter DF p. 243	channel filter DFK...+EU p. 244	backdraft shutter CAR-PL p. 247	antivibration connector ACOP-PL p. 246	flexible silencer AKU-COMP p. 241	throttle IRIS p. 248	vent KWO p. 661	diffuser AKT/AKK p. 658	heater DH/DH-R p. 233



## ELECTRICAL ACCESSORIES

Type	wall thermostat	duct thermostat	air quality sensor	humidistat	thyristor regulator		
	TS	TK-1	SQA	HIG-2	REB N	REB NE	TLR
CAB 100	40025345	40025140	40025140	40025150	40025010	40025020	40025025
CAB 125	40025345	40025140	40025140	40025150	40025010	40025020	40025025
CAB 150	40025345	40025140	40025140	40025150	40025010	40025020	40025025
CAB 160	40025345	40025140	40025140	40025150	40025010	40025020	40025025
CAB 200	40025345	40025140	40025140	40025150	40025010	40025020	40025045
CAB 250N	40025345	40025140	40025140	40025150	40025030	40025040	40025045
CAB 315 RE	40025345	40025140	40025140	40025150	40025030	40025040	40025045
CAB 355 RE	40025345	40025140	40025140	40025150	40025051	-	-
CAB 400 RE	40025345	40025140	40025140	40025150	40025051	-	-

Type	11-speed thyristor regulator	2-adjustable 6-speed thyristor regulator	ERV	transformer regulator		transformer regulator 2-adjustable	
	IRF	RND-1		RMB	RVS	SC2	SC2A
CAB 100	40015154	40025630	40025046	40025060	40025232	40025250	40025251
CAB 125	40015154	40025630	40025046	40025060	40025232	40025250	40025251
CAB 150	40015154	40025630	40025046	40025060	40025232	40025250	40025251
CAB 160	40015154	40025630	40025046	40025060	40025232	40025250	40025251
CAB 200	40015154	40025630	40025046	40025070	40025232	40025250	40025251
CAB 250N	40015154	40025630	40025046	40025070	40025234	40025252	40025253
CAB 315 RE	40015154	40025630	40025046	40025070	40025234	40025252	40025253
CAB 355 RE	-	-	40025054	40025080	40025235	40025256	40025257
CAB 400 RE	-	-	40025054	40025080	40025235	40025256	40025257

									
thermostat TS p. 650	thermostat TK-1 p. 650	sensor SQA p. 645	humidistat HIG-2 p. 645	regulator REB p. 638	regulator TLR p. 639	regulator IRF p. 639	regulator RND-1 p. 641	regulator ERV p. 642	regulator RMB p. 640

	
regulator RVS p. 640	transformer regulator 2-adjustable p. 641

## ERP CHARACTERISTICS

		RVU*				
	Name	CAB 100	CAB 125	CAB 150	CAB 160	CAB 200
a	supplier name	VENTURE INDUSTRIES/ SOLER&PALAU	VENTURE INDUSTRIES/ SOLER&PALAU	VENTURE INDUSTRIES/ SOLER&PALAU	VENTURE INDUSTRIES/ SOLER&PALAU	VENTURE INDUSTRIES/ SOLER&PALAU
b	article number	41020402	41020405	41020407	41020410	41020420
c	SEC average [kWh/m <sup>2</sup> .a]	-8,6	-9,4	-8,7	-8,2	-5,9
c	SEC cold	-25	-25,8	-25,1	-24,6	-22,3
c	SEC warm	0,8	0	0,7	1,2	3,5
c	SEC class	F	F	F	F	F
d	device category	RVU	RVU	RVU	RVU	RVU
d	device type	UVU	UVU	UVU	UVU	UVU
e	type of drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive	variable speed drive
f	type of heat recovery system	not applicable	not applicable	not applicable	not applicable	not applicable
g	thermal efficiency of heat recovery [%]	not applicable	not applicable	not applicable	not applicable	not applicable
h	maximum flow rate [m <sup>3</sup> /h]	142	156	279	286	818
i	electric power input [W]	40	41	90	89	266
j	sound power level [dB(A)]	37	34	42	43	54
k	reference flow rate [m <sup>3</sup> /s]	0,03	0,03	0,05	0,06	0,16
l	reference pressure difference [Pa]	53	50	61	54	52
m	SPI [W/m <sup>3</sup> /h]	0,27	0,25	0,27	0,29	0,36
n	control factor	1	1	1	1	1
o	maximum external leakage for BVU [%]	3	3	3	3	3
p	mixing rate	not applicable	not applicable	not applicable	not applicable	not applicable
q	position of visual filter warning	not applicable	not applicable	not applicable	not applicable	not applicable
r	instructions for installing supply grilles	not applicable	not applicable	not applicable	not applicable	not applicable
s	internet address	www.ventur.eu www.solerpalau.com	www.ventur.eu www.solerpalau.com	www.ventur.eu www.solerpalau.com	www.ventur.eu www.solerpalau.com	www.ventur.eu www.solerpalau.com
t	airflow sensitivity to pressure variation	not applicable	not applicable	not applicable	not applicable	not applicable
u	indoor/outdoor air tightness [m <sup>3</sup> /h]	not applicable	not applicable	not applicable	not applicable	not applicable
v	annual electricity consumption - average climate [kWh/a]	340	310	340	357	448
v	annual electricity consumption - warm climate [kWh/a]	340	310	340	357	448
v	annual electricity consumption - cold climate [kWh/a]	340	310	340	357	448
w	annual heating saved - average climate [kWh/a]					
w	annual heating saved - warm climate [kWh/a]					
w	annual heating saved - cold climate [kWh/a]					
	MISC	1,1	1,1	1,1	1,1	1,1
	x-wykładnik	1,2	1,2	1,2	1,2	1,2

\* RVU - "residential ventilation unit" - according to COMMISSION REGULATION (EU) No 1253/2014.

## ERP CHARACTERISTICS

NRVU*					
	Name	CAB 250 N	CAB 315 RE	CAB 355 RE	CEB 400 RE
a	supplier name	VENTURE INDUSTRIES / SOLER&PALAU	VENTURE INDUSTRIES / SOLER&PALAU	VENTURE INDUSTRIES / SOLER&PALAU	VENTURE INDUSTRIES / SOLER&PALAU
b	article number	41020435	41020442	41020446	41020451
c	device category	NRVU	NRVU	NRVU	NRVU
c	device type	UVU	UVU	UVU	UVU
d	type of drive	VSD	VSD	VSD	VSD
e	type of heat recovery system	none	none	none	none
f	thermal efficiency of heat recovery [%]	not applicable	not applicable	not applicable	not applicable
g	reference flow rate in NRVU w [m³/s]	0,17	0,27	0,51	0,53
h	effective electric power input (kW)	0,26	0,22	0,53	0,56
i	SFP <sub>int</sub> [W/(m³/s)]	not applicable	not applicable	not applicable	not applicable
j	face velocity [m/s]	1,44	1,59	2,22	2,29
k	Δps, ext (Pa)	424	244	368	374
l	Δps, int (Pa)	not applicable	not applicable	not applicable	not applicable
m	Δps, add (Pa)	not applicable	not applicable	not applicable	not applicable
n	static efficiency of fans [%]	33,9	39,5	41,8	41,8
o	maximum external leakage rate [%]	3	3	3	3
p	maximum internal leakage rate [%]	not applicable	not applicable	not applicable	not applicable
q	energy performance	not applicable	not applicable	not applicable	not applicable
r	visual filter warning	not applicable	not applicable	not applicable	not applicable
s	L <sub>wa</sub> dB(A)	56	59	60	61
	internet address	www.ventur.eu www.solerpalau.com	www.ventur.eu www.solerpalau.com	www.ventur.eu www.solerpalau.com	www.ventur.eu www.solerpalau.com

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