



APPLICATION

ARC reverse fans are used in ventilation installations, where the fan is connected to air ducts from the inlet and outlet. ARC reverse fans are designed exclusively for emergency applications, for short-time work, subject to fire safety requirements specified in Directive 89/106 / EC. The ARC fans may be used for:

- general ventilation systems of commercial and industrial premises
- ventilation of storage facilities
- ventilation of garages, public utility buildings, etc.

CONSTRUCTION

Axial fan with direct drive designed for duct mounting in the horizontal position. The housing is made of welded steel sheet covered with powder paint. The rotor is made of glass-fibre reinforced polypropylene and is dynamically balanced according to ISO 1940-1. The hub is made of aluminium. The fans are designed for use within the temperature range of -20°C to +40°C.

On request, we could supply the equipment tailored to individual customer needs, including: fans designed for use at temperatures outside the range -20°C to +40°C, provided with non-standard housing (adjusted length or diameter, made of stainless or galvanized steel). The fans can be supplied in any colour from RAL palette (RAL 9005 - black is the standard colour).

MOTOR

Asynchronous, three-phase 230/400V, 50Hz and 400/690V, 50Hz. Insulation class F, degree of protection IP 55. The motors are made in accordance with EC 60072 and 60034 standards, and have been awarded with a CE mark.

On request, we can deliver motors provided with an independent cooling system and/or with sensors.

The three-phase motors are driven by frequency in range 25-50Hz.

Electrical wiring diagram: fig. 7, 8, on the page 663.

DESIGNATION

AR	C	/	4	-	400	-	150	T	KO
1	2		3		4		5	6	7

1. Name
2. Model:
C - canal
3. Number of poles
2 - 2800 r.p.m. - 50 Hz
4 - 1400 r.p.m. - 50 Hz
6 - 900 r.p.m. - 50 Hz
4. Nominal diameter of impeller [mm]
5. Motor power factor
150 - 150 x 10 = 1500 W
6. Electrical supply
T - three-phase
7. Housing
DO - long
KO - short

TECHNICAL CHARACTERISTICS

Type	speed	maximum absorbed power	voltage	maximum absorbed current	airflow	sound pressure level*	article number
	[r.p.m.]	[kW]	[V]	[A]	[m ³ /h]	[dB(A)]	
ARC/2-250-012T KO	2800	0,12	230/400	0,35	1500	63	42555005
ARC/2-250-012T DO	2800	0,12	230/400	0,35	1500	63	42555010
ARC/2-250A-018T KO	2760	0,18	230/400	0,55	1750	63	42555015
ARC/2-250A-018T DO	2760	0,18	230/400	0,55	1750	63	42555020
ARC/2-250B-018T KO	2760	0,18	230/400	0,55	2000	64	42555025
ARC/2-250B-018T DO	2760	0,18	230/400	0,55	2000	64	42555030
ARC/2-250C-018T KO	2760	0,18	230/400	0,55	2250	64	42555035
ARC/2-250C-018T DO	2760	0,18	230/400	0,55	2250	64	42555040
ARC/2-250-025T KO	2760	0,25	230/400	0,65	2500	65	42555045
ARC/2-250-025T DO	2760	0,25	230/400	0,65	2500	65	42555050
ARC/4-250A-012T KO	1380	0,12	230/400	0,40	740	49	42555055
ARC/4-250A-012T DO	1380	0,12	230/400	0,40	740	49	42555060
ARC/4-250B-012T KO	1380	0,12	230/400	0,40	870	49	42555065
ARC/4-250B-012T DO	1380	0,12	230/400	0,40	870	49	42555070
ARC/4-250C-012T KO	1380	0,12	230/400	0,40	980	50	42555075
ARC/4-250C-012T DO	1380	0,12	230/400	0,40	980	50	42555080
ARC/4-250D-012T KO	1380	0,12	230/400	0,40	1100	50	42555085
ARC/4-250D-012T DO	1380	0,12	230/400	0,40	1100	50	42555090
ARC/4-250E-012T KO	1380	0,12	230/400	0,40	1200	51	42555095
ARC/4-250E-012T DO	1380	0,12	230/400	0,40	1200	51	42555100
ARC/2-315-025T KO	2760	0,25	230/400	0,65	2800	70	42555105
ARC/2-315-025T DO	2760	0,25	230/400	0,65	2800	70	42555110
ARC/2-315A-037T KO	2800	0,37	230/400	1,0	3300	70	42555115
ARC/2-315A-037T DO	2800	0,37	230/400	1,0	3300	70	42555120
ARC/2-315B-037T KO	2800	0,37	230/400	1,0	3700	71	42555125
ARC/2-315B-037T DO	2800	0,37	230/400	1,0	3700	71	42555130
ARC/2-315A-055T KO	2800	0,55	230/400	1,35	4150	71	42555135
ARC/2-315A-055T DO	2800	0,55	230/400	1,35	4150	71	42555140
ARC/2-315B-055T KO	2800	0,55	230/400	1,35	4500	72	42555145
ARC/2-315B-055T DO	2800	0,55	230/400	1,35	4500	72	42555150
ARC/4-315A-012T KO	1380	0,12	230/400	0,40	1350	55	42555155
ARC/4-315A-012T DO	1380	0,12	230/400	0,40	1350	55	42555160
ARC/4-315B-012T KO	1380	0,12	230/400	0,40	1600	55	42555165
ARC/4-315B-012T DO	1380	0,12	230/400	0,40	1600	55	42555170
ARC/4-315-018T KO	1380	0,18	230/400	0,65	1800	56	42555175
ARC/4-315-018T DO	1380	0,18	230/400	0,65	1800	56	42555180
ARC/4-315A-025T KO	1380	0,25	230/400	0,85	2000	56	42555185
ARC/4-315A-025T DO	1380	0,25	230/400	0,85	2000	56	42555190
ARC/4-315B-025T KO	1380	0,25	230/400	0,85	2200	57	42555195
ARC/4-315B-025T DO	1380	0,25	230/400	0,85	2200	57	42555200
ARC/2-355A-037T KO	2800	0,37	230/400	1,0	3250	70	42555205
ARC/2-355A-037T DO	2800	0,37	230/400	1,0	3250	70	42555210
ARC/2-355B-037T KO	2800	0,37	230/400	1,0	3950	70	42555215
ARC/2-355B-037T DO	2800	0,37	230/400	1,0	3950	70	42555220
ARC/2-355-055T KO	2800	0,55	230/400	1,35	4730	71	42555225
ARC/2-355-055T DO	2800	0,55	230/400	1,35	4730	71	42555230
ARC/2-355A-075T KO	2800	0,75	230/400	1,9	5150	71	42555235
ARC/2-355A-075T DO	2800	0,75	230/400	1,9	5150	71	42555240
ARC/2-355B-075T KO	2800	0,75	230/400	1,9	5850	72	42555245
ARC/2-355B-075T DO	2800	0,75	230/400	1,9	5850	72	42555250
ARC/4-355A-012T KO	1380	0,12	230/400	0,40	1600	56	42555255
ARC/4-355A-012T DO	1380	0,12	230/400	0,40	1600	56	42555260
ARC/4-355B-012T KO	1380	0,12	230/400	0,40	1900	56	42555265
ARC/4-355B-012T DO	1380	0,12	230/400	0,40	1900	56	42555270

* sound pressure level measured at 3 meters from the fan, with built-in installation at the inlet and outlet of the fan.

TECHNICAL CHARACTERISTICS

Type	speed	maximum absorbed power	voltage	maximum absorbed current	airflow	sound pressure level*	article number
	[r.p.m.]	[kW]	[V]	[A]	[m ³ /h]	[dB(A)]	
ARC/4-355-018T KO	1380	0,18	230/400	0,65	2300	57	42555275
ARC/4-355-018T DO	1380	0,18	230/400	0,65	2300	57	42555280
ARC/4-355-025T KO	1380	0,25	230/400	0,85	2500	57	42555285
ARC/4-355-025T DO	1380	0,25	230/400	0,85	2500	57	42555290
ARC/4-355-037T KO	1370	0,37	230/400	1,25	2850	58	42555295
ARC/4-355-037T DO	1370	0,37	230/400	1,25	2850	58	42555300
ARC/2-400-055T KO	2800	0,55	230/400	1,35	4750	62	42555305
ARC/2-400-055T DO	2800	0,55	230/400	1,35	4750	62	42555310
ARC/2-400-075T KO	2800	0,75	230/400	1,9	5750	63	42555315
ARC/2-400-075T DO	2800	0,75	230/400	1,9	5750	63	42555320
ARC/2-400-110T KO	2780	1,1	230/400	2,5	6700	64	42555325
ARC/2-400-110T DO	2780	1,1	230/400	2,5	6700	64	42555330
ARC/2-400-150T KO	2830	1,5	230/400	3,2	7750	65	42555335
ARC/2-400-150T DO	2830	1,5	230/400	3,2	7750	65	42555340
ARC/4-400A-018T KO	1380	0,18	230/400	0,65	2250	49	42555345
ARC/4-400A-018T DO	1380	0,18	230/400	0,65	2250	49	42555350
ARC/4-400B-018T KO	1380	0,18	230/400	0,65	2750	49	42555355
ARC/4-400B-018T DO	1380	0,18	230/400	0,65	2750	49	42555360
ARC/4-400C-018T KO	1380	0,18	230/400	0,65	3200	50	42555365
ARC/4-400C-018T DO	1380	0,18	230/400	0,65	3200	50	42555370
ARC/4-400-025T KO	1380	0,25	230/400	0,85	3700	50	42555375
ARC/4-400-025T DO	1380	0,25	230/400	0,85	3700	50	42555380
ARC/4-400-037T KO	1370	0,37	230/400	1,25	4150	51	42555385
ARC/4-400-037T DO	1370	0,37	230/400	1,25	4150	51	42555390
ARC/2-450-110T KO	2780	1,1	230/400	2,5	6400	71	42555395
ARC/2-450-110T DO	2780	1,1	230/400	2,5	6400	71	42555400
ARC/2-450-150T KO	2835	1,5	230/400	3,2	8150	72	42555405
ARC/2-450-150T DO	2835	1,5	230/400	3,2	8150	72	42555410
ARC/2-450-220T KO	2850	2,2	230/400	4,7	9650	72	42555415
ARC/2-450-220T DO	2850	2,2	230/400	4,7	9650	72	42555420
ARC/2-450-300T KO	2900	3	230/400	6,1	11300	73	42555425
ARC/2-450-300T DO	2900	3	230/400	6,1	11300	73	42555430
ARC/4-450-018T KO	1380	0,18	230/400	0,65	3100	58	42555435
ARC/4-450-018T DO	1380	0,18	230/400	0,65	3100	58	42555440
ARC/4-450-025T KO	1380	0,25	230/400	0,85	3900	58	42555445
ARC/4-450-025T DO	1380	0,25	230/400	0,85	3900	58	42555450
ARC/4-450-037T KO	1370	0,37	230/400	1,25	4650	59	42555455
ARC/4-450-037T DO	1370	0,37	230/400	1,25	4650	59	42555460
ARC/4-450-055T KO	1400	0,55	230/400	1,6	5450	59	42555465
ARC/4-450-055T DO	1400	0,55	230/400	1,6	5450	59	42555470
ARC/4-450-075T KO	1390	0,75	230/400	2,1	6000	60	42555475
ARC/4-450-075T DO	1390	0,75	230/400	2,1	6000	60	42555480
ARC/2-500-150T KO	2835	1,5	230/400	3,2	8450	74	42555485
ARC/2-500-150T DO	2835	1,5	230/400	3,2	8450	74	42555490
ARC/2-500-220T KO	2850	2,2	230/400	4,7	10800	75	42555495
ARC/2-500-220T DO	2850	2,2	230/400	4,7	10800	75	42555500
ARC/2-500-300T KO	2900	3	230/400	6,1	12800	76	42555505
ARC/2-500-300T DO	2900	3	230/400	6,1	12800	76	42555510
ARC/4-500-018T KO	1380	0,18	230/400	0,65	4200	59	42555515
ARC/4-500-018T DO	1380	0,18	230/400	0,65	4200	59	42555520
ARC/4-500-025T KO	1380	0,25	230/400	0,85	5400	60	42555525
ARC/4-500-025T DO	1380	0,25	230/400	0,85	5400	60	42555530
ARC/4-500-037T KO	1370	0,37	230/400	1,25	6400	61	42555535
ARC/4-500-037T DO	1370	0,37	230/400	1,25	6400	61	42555540

* sound pressure level measured at 3 meters from the fan, with built-in installation at the inlet and outlet of the fan.

TECHNICAL CHARACTERISTICS

Type	speed	maximum absorbed power	voltage	maximum absorbed current	airflow	sound pressure level*	article number
	[r.p.m.]	[kW]	[V]	[A]	[m³/h]	[dB(A)]	
ARC/4-500-055T KO	1400	0,55	230/400	1,6	7550	62	42555545
ARC/4-500-055T DO	1400	0,55	230/400	1,6	7550	62	42555550
ARC/4-500-075T KO	1390	0,75	230/400	2,1	8500	63	42555555
ARC/4-500-075T DO	1390	0,75	230/400	2,1	8500	63	42555560
ARC/4-560-037T KO	1370	0,37	230/400	1,25	5490	64	42555565
ARC/4-560-037T DO	1370	0,37	230/400	1,25	5490	64	42555570
ARC/4-560-055T KO	1400	0,55	230/400	1,6	7050	64	42555575
ARC/4-560-055T DO	1400	0,55	230/400	1,6	7050	64	42555580
ARC/4-560-075T KO	1390	0,75	230/400	2,1	8600	64	42555585
ARC/4-560-075T DO	1390	0,75	230/400	2,1	8600	65	42555590
ARC/4-560-110T KO	1400	1,1	230/400	2,6	10200	65	42555595
ARC/4-560-110T DO	1400	1,1	230/400	2,6	10200	65	42555600
ARC/4-560-150T KO	1400	1,5	230/400	3,5	11600	65	42555605
ARC/4-560-150T DO	1400	1,5	230/400	3,5	11600	65	42555610
ARC/6-560-018T KO	890	0,18	230/400	0,75	3550	55	42555615
ARC/6-560-018T DO	890	0,18	230/400	0,75	3550	55	42555620
ARC/6-560-025T KO	880	0,25	230/400	1	4600	55	42555625
ARC/6-560-025T DO	880	0,25	230/400	1	4600	55	42555630
ARC/6-560-037T KO	900	0,37	230/400	1,5	5660	56	42555635
ARC/6-560-037T DO	900	0,37	230/400	1,5	5660	56	42555640
ARC/6-560-055T KO	900	0,55	230/400	1,75	6650	56	42555645
ARC/6-560-055T DO	900	0,55	230/400	1,75	6650	56	42555650
ARC/6-560-075T KO	915	0,75	230/400	2,1	7600	56	42555655
ARC/6-560-075T DO	915	0,75	230/400	2,1	7600	56	42555660
ARC/4-630-037T KO	1370	0,37	230/400	1,25	7050	68	42555665
ARC/4-630-037T DO	1370	0,37	230/400	1,25	7050	68	42555670
ARC/4-630-055T KO	1400	0,55	230/400	1,6	9550	68	42555675
ARC/4-630-055T DO	1400	0,55	230/400	1,6	9550	68	42555680
ARC/4-630-075T KO	1390	0,75	230/400	2,1	11500	68	42555685
ARC/4-630-075T DO	1390	0,75	230/400	2,1	11500	68	42555690
ARC/4-630-110T KO	1400	1,1	230/400	2,6	14000	69	42555695
ARC/4-630-110T DO	1400	1,1	230/400	2,6	14000	69	42555700
ARC/4-630-150T KO	1400	1,5	230/400	3,5	16000	69	42555705
ARC/4-630-150T DO	1400	1,5	230/400	3,5	16000	69	42555710
ARC/6-630-018T KO	890	0,18	230/400	0,75	4600	62	42555715
ARC/6-630-018T DO	890	0,18	230/400	0,75	4600	62	42555720
ARC/6-630-025T KO	880	0,25	230/400	1	6250	62	42555725
ARC/6-630-025T DO	880	0,25	230/400	1	6250	62	42555730
ARC/6-630-037T KO	900	0,37	230/400	1,5	7500	63	42555735
ARC/6-630-037T DO	900	0,37	230/400	1,5	7500	63	42555740
ARC/6-630-055T KO	900	0,55	230/400	1,75	9150	63	42555745
ARC/6-630-055T DO	900	0,55	230/400	1,75	9150	63	42555750
ARC/6-630-075T KO	915	0,75	230/400	2,1	10450	63	42555755
ARC/6-630-075T DO	915	0,75	230/400	2,1	10450	63	42555760
ARC/4-710-055T KO	1400	0,55	230/400	1,6	8900	68	42555765
ARC/4-710-055T DO	1400	0,55	230/400	1,6	8900	68	42555770
ARC/4-710-075T KO	1390	0,75	230/400	2,1	12600	68	42555775
ARC/4-710-075T DO	1390	0,75	230/400	2,1	12600	68	42555780
ARC/4-710-110T KO	1400	1,1	230/400	2,6	16100	68	42555785
ARC/4-710-110T DO	1400	1,1	230/400	2,6	16100	68	42555790
ARC/4-710-150T KO	1400	1,5	230/400	3,5	19400	69	42555795
ARC/4-710-150T DO	1400	1,5	230/400	3,5	19400	69	42555800
ARC/4-710-220T KO	1425	2,2	230/400	4,8	22200	69	42555805
ARC/4-710-220T DO	1425	2,2	230/400	4,8	22200	69	42555810

* sound pressure level measured at 3 meters from the fan, with built-in installation at the inlet and outlet of the fan.

TECHNICAL CHARACTERISTICS

Type	speed	maximum absorbed power	voltage	maximum absorbed current	airflow	sound pressure level*	article number
	[r.p.m.]	[kW]	[V]	[A]	[m ³ /h]	[dB(A)]	
ARC/6-710-025T KO	880	0,25	230/400	1	5850	62	42555815
ARC/6-710-025T DO	880	0,25	230/400	1	5850	62	42555820
ARC/6-710-037T KO	900	0,37	230/400	1,5	8250	62	42555825
ARC/6-710-037T DO	900	0,37	230/400	1,5	8250	62	42555830
ARC/6-710-055T KO	900	0,55	230/400	1,75	10500	63	42555835
ARC/6-710-055T DO	900	0,55	230/400	1,75	10500	63	42555840
ARC/6-710-075T KO	915	0,75	230/400	2,1	12700	63	42555845
ARC/6-710-075T DO	915	0,75	230/400	2,1	12700	63	42555850
ARC/6-710-110T KO	920	1,1	230/400	2,9	14500	63	42555855
ARC/6-710-110T DO	920	1,1	230/400	2,9	14500	63	42555860
ARC/4-800-075T KO	1390	0,75	230/400	2,1	10800	68	42555865
ARC/4-800-075T DO	1390	0,75	230/400	2,1	10800	68	42555870
ARC/4-800-110T KO	1400	1,1	230/400	2,6	15300	68	42555875
ARC/4-800-110T DO	1400	1,1	230/400	2,6	15300	68	42555880
ARC/4-800-150T KO	1400	1,5	230/400	3,5	19700	68	42555885
ARC/4-800-150T DO	1400	1,5	230/400	3,5	19700	68	42555890
ARC/4-800-220T KO	1425	2,2	230/400	4,8	24600	69	42555895
ARC/4-800-220T DO	1425	2,2	230/400	4,8	24600	69	42555900
ARC/4-800-300T KO	1415	3	230/400	6,6	30000	69	42555905
ARC/4-800-300T DO	1415	3	230/400	6,6	30000	69	42555910
ARC/4-800-400T KO	1435	4	400V	8,3	29500	72	42555915
ARC/4-800-400T DO	1435	4	400V	8,3	29500	72	42555920
ARC/4-800-550T KO	1450	5,5	400V	11	31500	73	42555925
ARC/4-800-550T DO	1450	5,5	400V	11	31500	73	42555930
ARC/4-800-750T KO	1450	7,5	400V	14,6	36000	74	42555935
ARC/4-800-750T DO	1450	7,5	400V	14,6	36000	74	42555940
ARC/6-800-037T KO	900	0,37	230/400	1,5	7050	62	42555945
ARC/6-800-037T DO	900	0,37	230/400	1,5	7050	62	42555950
ARC/6-800-055T KO	900	0,55	230/400	1,75	10000	62	42555955
ARC/6-800-055T DO	900	0,55	230/400	1,75	10000	62	42555960
ARC/6-800-075T KO	915	0,75	230/400	2,1	12900	63	42555965
ARC/6-800-075T DO	915	0,75	230/400	2,1	12900	63	42555970
ARC/6-800-110T KO	920	1,1	230/400	2,9	16100	63	42555975
ARC/6-800-110T DO	920	1,1	230/400	2,9	16100	63	42555980
ARC/6-800-150T KO	945	1,5	230/400	3,9	19650	63	42555985
ARC/6-800-150T DO	945	1,5	230/400	3,9	19650	63	42555990
ARC/4-900-110T KO	1400	1,1	230/400	2,6	12500	70	42555995
ARC/4-900-110T DO	1400	1,1	230/400	2,6	12500	70	42556000
ARC/4-900-150T KO	1400	1,5	230/400	3,5	19400	70	42556005
ARC/4-900-150T DO	1400	1,5	230/400	3,5	19400	70	42556010
ARC/4-900-220T KO	1425	2,2	230/400	4,8	26200	70	42556015
ARC/4-900-220T DO	1425	2,2	230/400	4,8	26200	70	42556020
ARC/4-900-300T KO	1415	3	230/400	6,6	32900	71	42556025
ARC/4-900-300T DO	1415	3	230/400	6,6	32900	71	42556030
ARC/4-900-400T KO	1435	4	400	8,3	39000	71	42556035
ARC/4-900-400T DO	1435	4	400	8,3	39000	71	42556040
ARC/4-900-550T KO	1450	5,5	400V	11	36100	74	42556045
ARC/4-900-550T DO	1450	5,5	400V	11	36100	74	42556050
ARC/4-900-750T KO	1450	7,5	400V	14,6	42400	75	42556055
ARC/4-900-750T DO	1450	7,5	400V	14,6	42400	75	42556060
ARC/6-900-055T KO	900	0,55	230/400	1,75	8150	63	42556065
ARC/6-900-055T DO	900	0,55	230/400	1,75	8150	63	42556070
ARC/6-900-075T KO	915	0,75	230/400	2,1	12700	63	42556075
ARC/6-900-075T DO	915	0,75	230/400	2,1	12700	63	42556080

* sound pressure level measured at 3 meters from the fan, with built-in installation at the inlet and outlet of the fan.

TECHNICAL CHARACTERISTICS

Type	speed	maximum absorbed power	voltage	maximum absorbed current	airflow	sound pressure level*	article number
	[r.p.m.]	[kW]	[V]	[A]	[m³/h]	[dB(A)]	
ARC/6-900-110T KO	920	1,1	230/400	2,9	17150	64	42556085
ARC/6-900-110T DO	920	1,1	230/400	2,9	17150	64	42556090
ARC/6-900-150T KO	945	1,5	230/400	3,9	21550	64	42556095
ARC/6-900-150T DO	945	1,5	230/400	3,9	21550	64	42556100
ARC/6-900-220T KO	960	2,2	230/400	4,8	25550	64	42556105
ARC/6-900-220T DO	960	2,2	230/400	4,8	25550	64	42556110
ARC/4-1000-300T KO	1415	3	230/400	6,6	17800	76	42556115
ARC/4-1000-300T DO	1415	3	230/400	6,6	17800	76	42556120
ARC/4-1000-400T KO	1435	4	230/400	8,3	27900	76	42556125
ARC/4-1000-400T DO	1435	4	230/400	8,3	27900	76	42556130
ARC/4-1000-550T KO	1450	5,5	400	11	36900	77	42556135
ARC/4-1000-550T DO	1450	5,5	400	11	36900	77	42556140
ARC/4-1000-750T KO	1450	7,5	400	14,6	45800	78	42556145
ARC/4-1000-750T DO	1450	7,5	400	14,6	45800	78	42556150
ARC/4-1000-1100T KO	1460	11	400	21	55100	78	42556155
ARC/4-1000-1100T DO	1460	11	400	21	55100	78	42556160
ARC/4-1000-1500T KO	1460	15	400	27,7	65500	80	42556165
ARC/4-1000-1500T DO	1460	15	400	27,7	65500	80	42556170
ARC/6-1000-075T KO	915	0,75	230/400	2,1	11650	68	42556175
ARC/6-1000-075T DO	915	0,75	230/400	2,1	11650	68	42556180
ARC/6-1000-110T KO	920	1,1	230/400	2,9	18250	68	42556185
ARC/6-1000-110T DO	920	1,1	230/400	2,9	18250	68	42556190
ARC/6-1000-150T KO	945	1,5	230/400	3,9	24150	69	42556195
ARC/6-1000-150T DO	945	1,5	230/400	3,9	24150	69	42556200
ARC/6-1000-220T KO	960	2,2	230/400	4,8	30000	70	42556205
ARC/6-1000-220T DO	960	2,2	230/400	4,8	30000	70	42556210
ARC/6-1000-300T KO	950	3	230/400	6,8	36100	70	42556215
ARC/6-1000-300T DO	950	3	230/400	6,8	36100	70	42556220
ARC/4-1250-1100T KO	1460	11	400	21	57700	84	42556225
ARC/4-1250-1100T DO	1460	11	400	21	57700	84	42556230
ARC/4-1250-1500T KO	1460	15	400	27,7	75100	84	42556235
ARC/4-1250-1500T DO	1460	15	400	27,7	75100	84	42556240
ARC/4-1250-2200T KO	1465	22	400	39	93100	85	42556245
ARC/4-1250-2200T DO	1465	22	400	39	93100	85	42556250
ARC/4-1250-3000T KO	1472	30	400	56	110000	86	42556255
ARC/4-1250-3000T DO	1472	30	400	56	110000	86	42556260
ARC/4-1250-3700T KO	1475	37	400	66	124000	86	42556265
ARC/4-1250-3700T DO	1475	37	400	66	124000	86	42556270
ARC/6-1250-300T KO	950	3	230/400	6,8	37800	76	42556275
ARC/6-1250-300T DO	950	3	230/400	6,8	37800	76	42556280
ARC/6-1250-400T KO	950	4	400	8,6	49200	76	42556285
ARC/6-1250-400T DO	950	4	400	8,6	49200	76	42556290
ARC/6-1250-550T KO	950	5,5	400	11,8	61000	77	42556295
ARC/6-1250-550T DO	950	5,5	400	11,8	61000	77	42556300
ARC/6-1250-750T KO	960	7,5	400	15,2	72000	78	42556305
ARC/6-1250-750T DO	960	7,5	400	15,2	72000	78	42556310
ARC/6-1250-1100T KO	960	11	400	22	81200	79	42556315
ARC/6-1250-1100T DO	960	11	400	22	81200	79	42556320
ARC/6-1500A-1500T KO	960	11	400	22	60000	89	42556325
ARC/6-1500A-1500T DO	960	11	400	22	60000	89	42556330
ARC/6-1500B-1500T KO	975	15	400	29	80000	90	42556335
ARC/6-1500B-1500T DO	975	15	400	29	80000	90	42556340
ARC/6-1500-2200T KO	980	22	400	40	99000	91	42556345
ARC/6-1500-2200T DO	980	22	400	40	99000	91	42556350

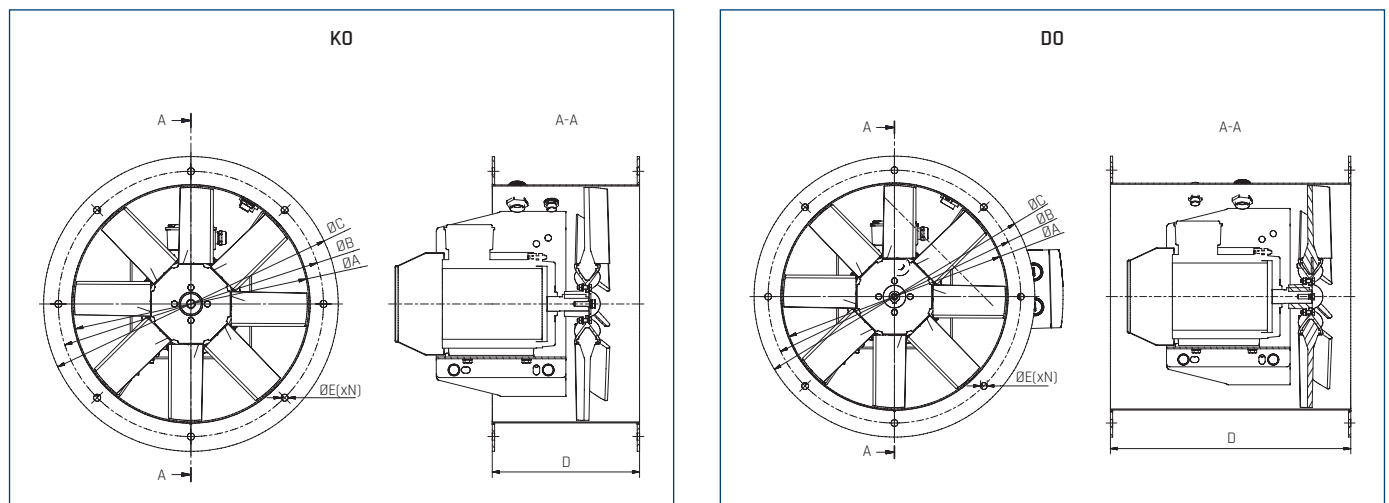
* sound pressure level measured at 3 meters from the fan, with built-in installation at the inlet and outlet of the fan.

TECHNICAL CHARACTERISTICS

Type	speed	maximum absorbed power	voltage	maximum absorbed current	airflow	sound pressure level*	article number
	[r.p.m.]	[kW]	[V]	[A]	[m ³ /h]	[dB(A)]	
ARC/6-1500-3000T KO	980	30	400	54	119000	92	42556355
ARC/6-1500-3000T DO	980	30	400	54	119000	92	42556360
ARC/6-1500-3700T KO	985	37	400	65	135000	93	42556365
ARC/6-1500-3700T DO	985	37	400	65	135000	93	42556370
ARC/8-1500-550T KO	700	5,5	400	12,7	44800	79	42556375
ARC/8-1500-550T DO	700	5,5	400	12,7	44800	79	42556380
ARC/8-1500-750T KO	700	7,5	400	16,3	59700	80	42556385
ARC/8-1500-750T DO	700	7,5	400	16,3	59700	80	42556390
ARC/8-1500-1100T KO	730	11	400	24	74000	81	42556395
ARC/8-1500-1100T DO	730	11	400	24	74000	81	42556400
ARC/8-1500-1500T KO	730	15	400	30	88500	81	42556405
ARC/8-1500-1500T DO	730	15	400	30	88500	81	42556410
ARC/8-1500-1850T KO	730	18,5	400	37	100000	82	42556415
ARC/8-1500-1850T DO	730	18,5	400	37	100000	82	42556420

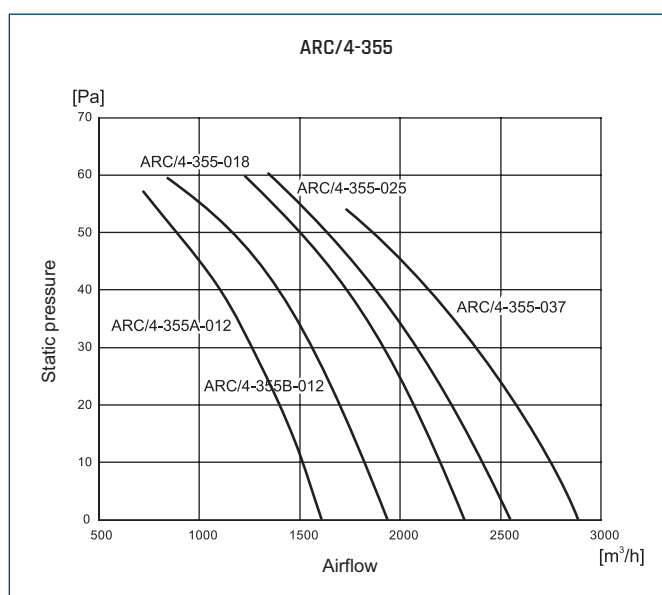
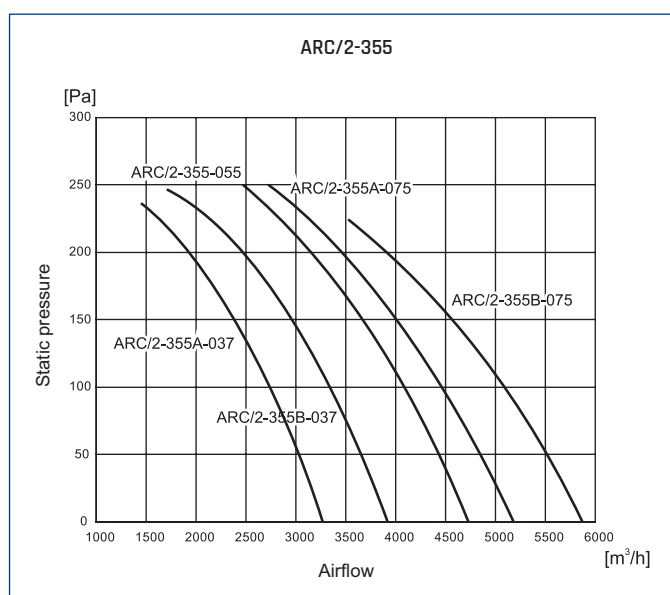
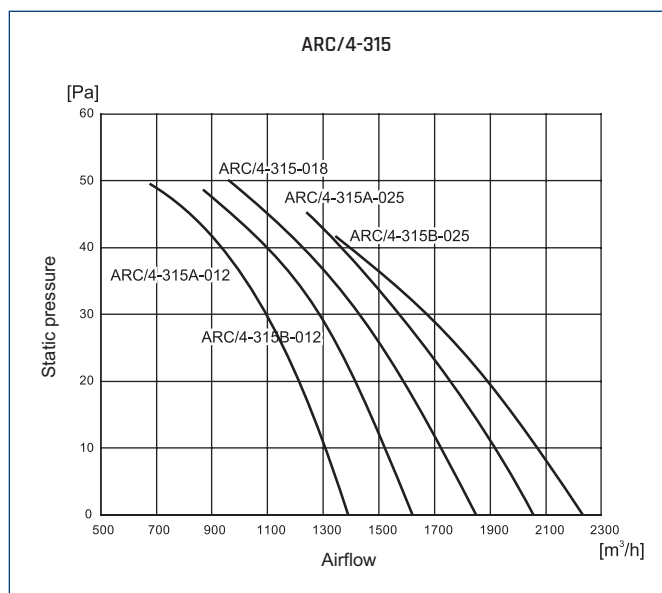
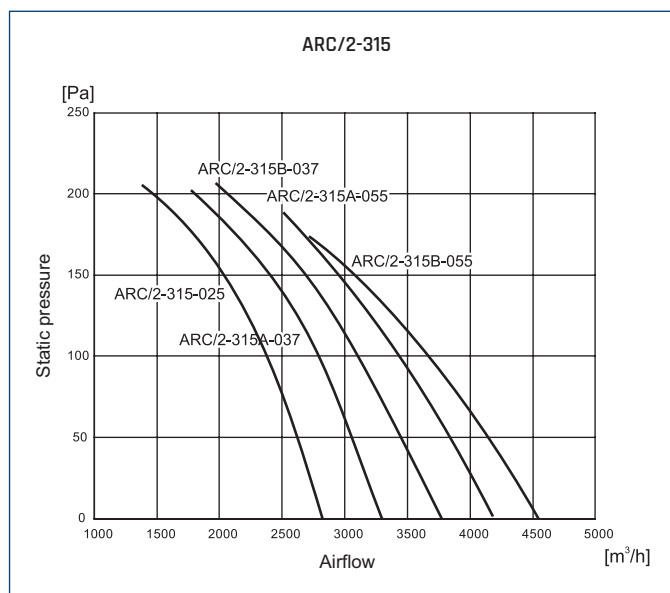
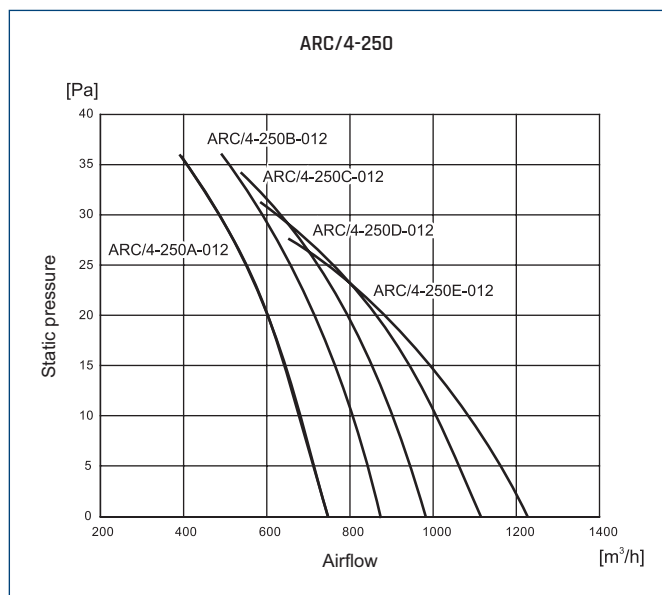
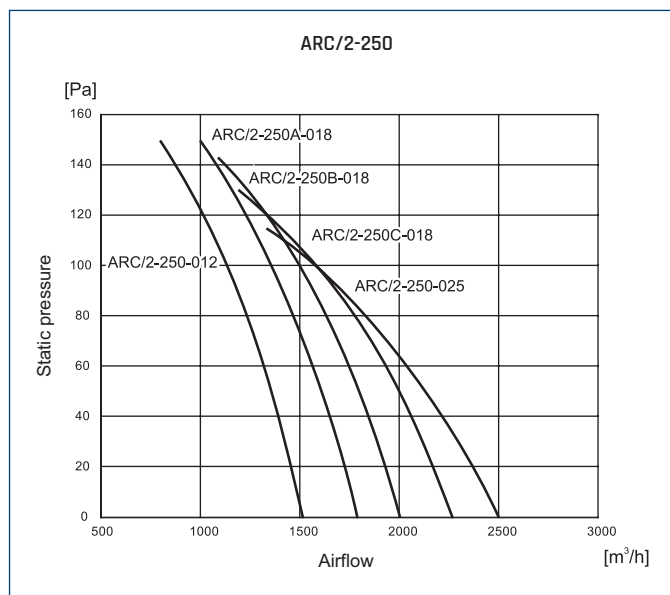
* sound pressure level measured at 3 meters from the fan, with built-in installation at the inlet and outlet of the fan.

DIMENSIONS [mm]

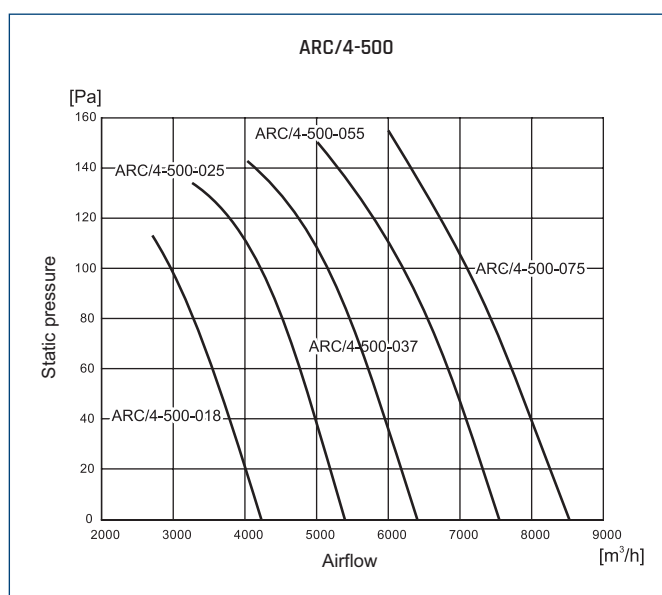
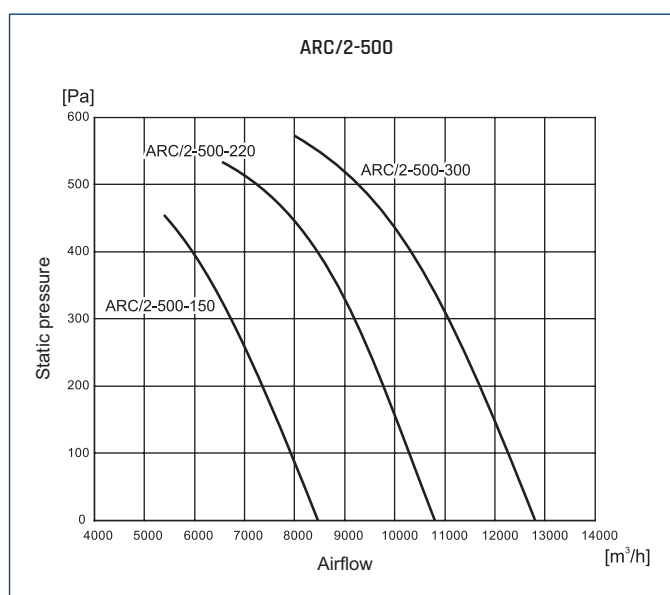
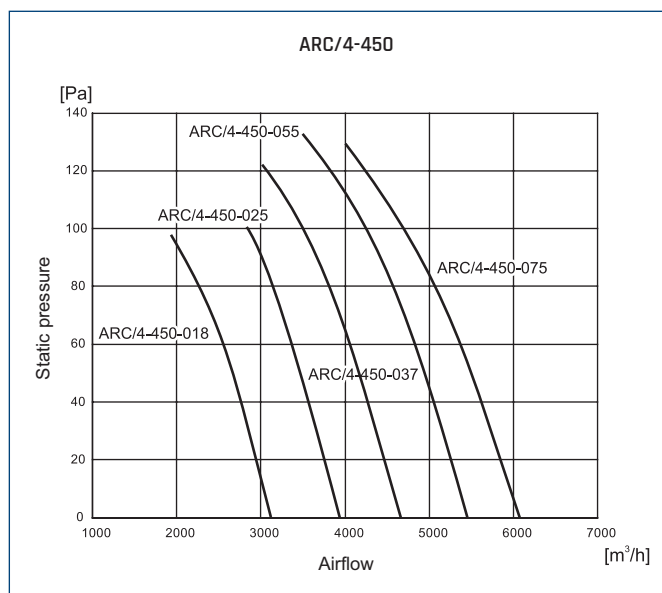
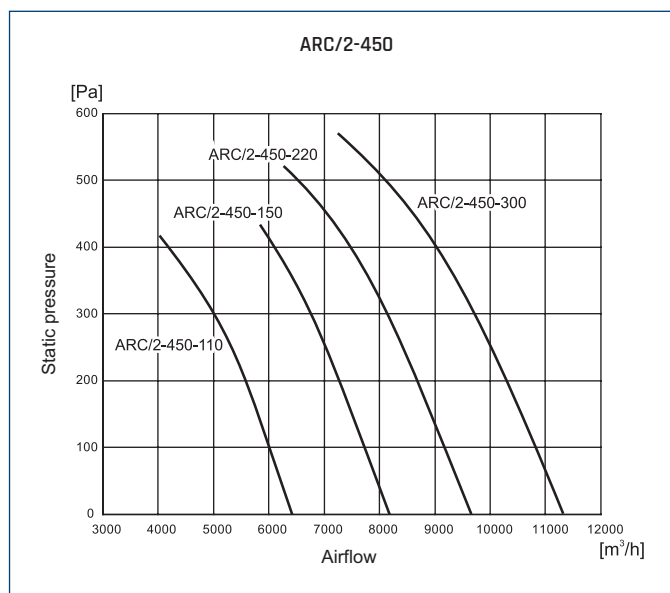
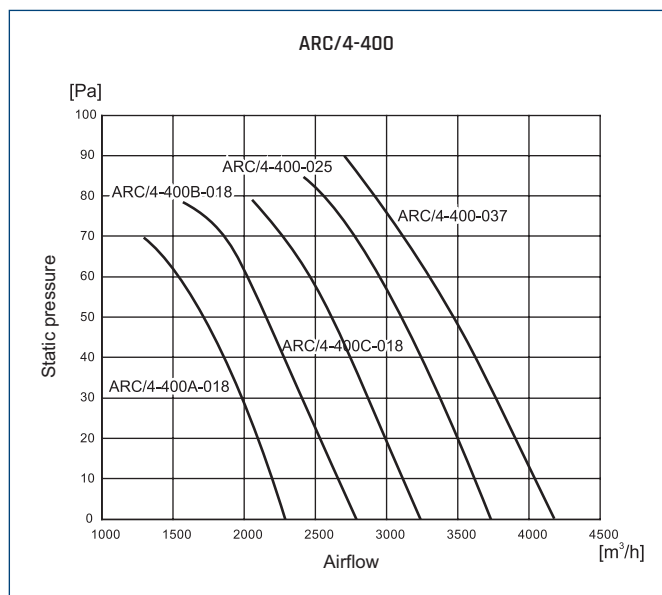
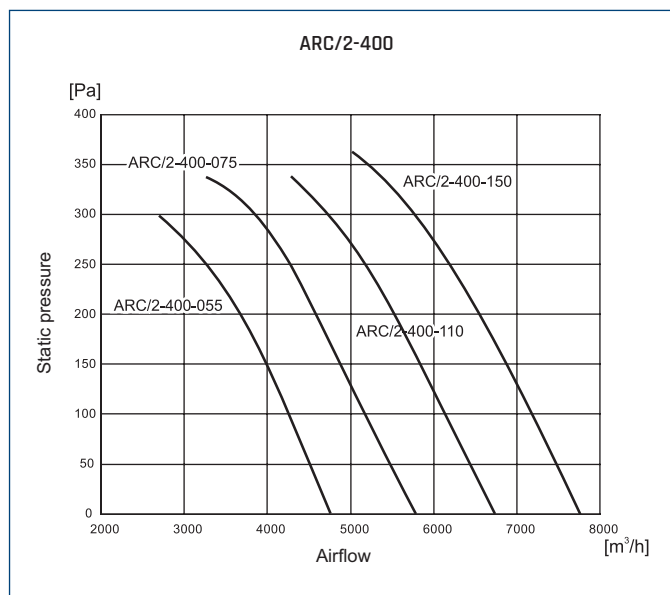


Type	ØA	ØB	ØC	D		ØE	number of holes N
				KO	DO		
250	250	292	327	150	360	10	4
315	315	355	386	150	360	10	8
355	350	395	426	200	400	10	8
400	400	450	487	250	450	12	8
450	450	500	537	250	450	12	8
500	500	560	595	300	500	12	12
560	560	620	655	300	550	12	12
630	630	690	725	400	550	12	12
710	710	770	806	400	550	12	16
800	800	860	896	400	800	16	12
900	900	950	1000	400	800	12	12
1000	1000	1100	1100	450	850	12	12
1250	1250	1350	1400	450	900	12	16
1500	1500	1580	1650	500	1000	16	24

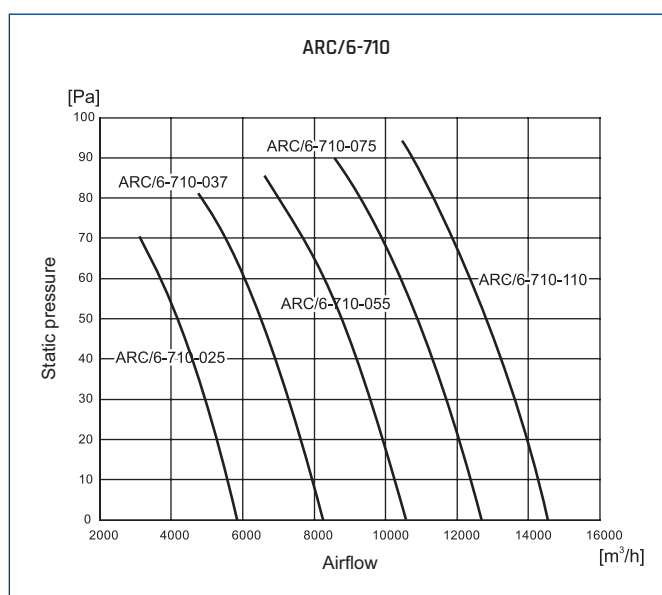
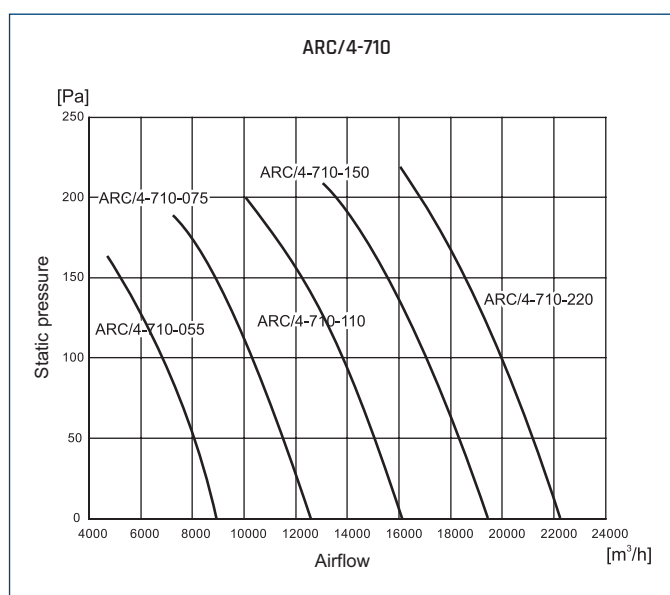
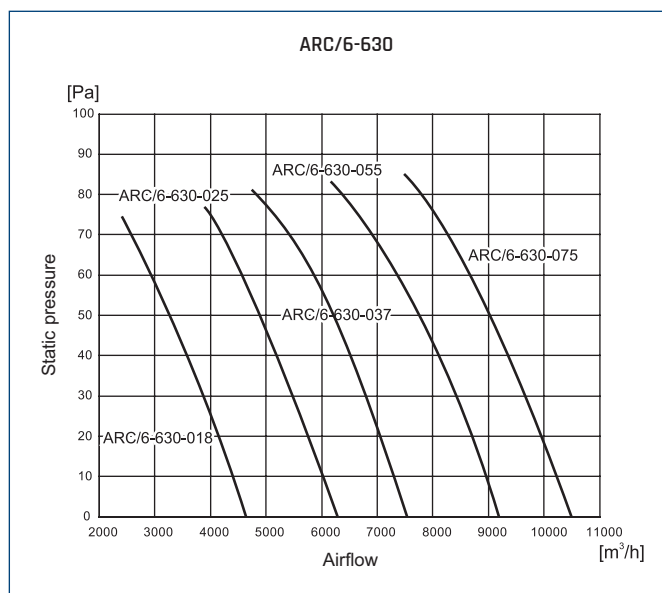
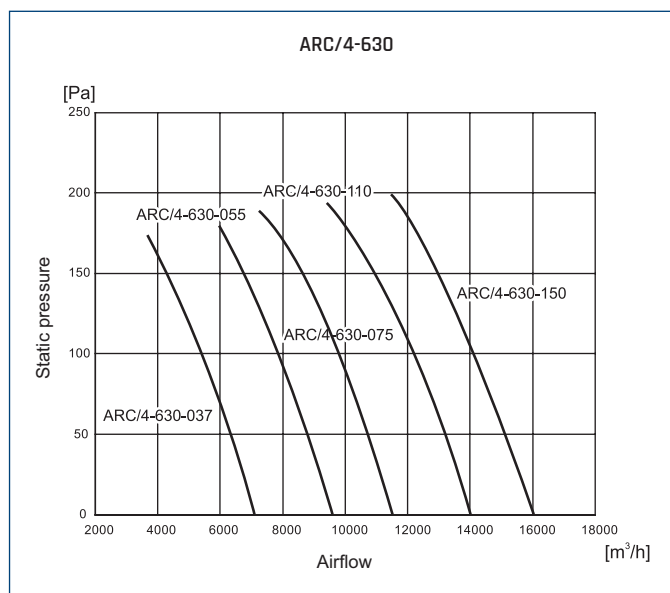
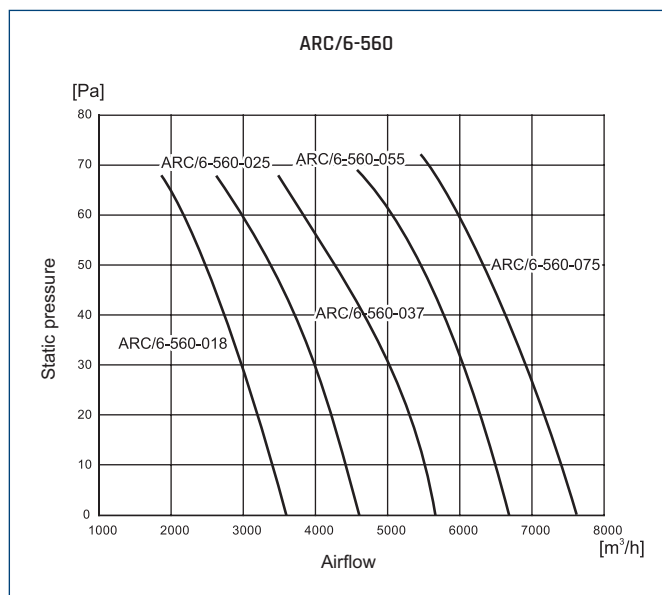
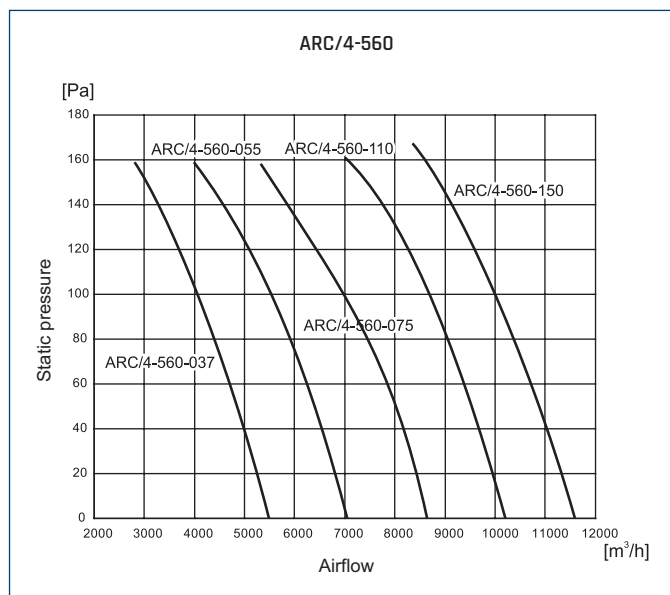
PERFORMANCE CURVES



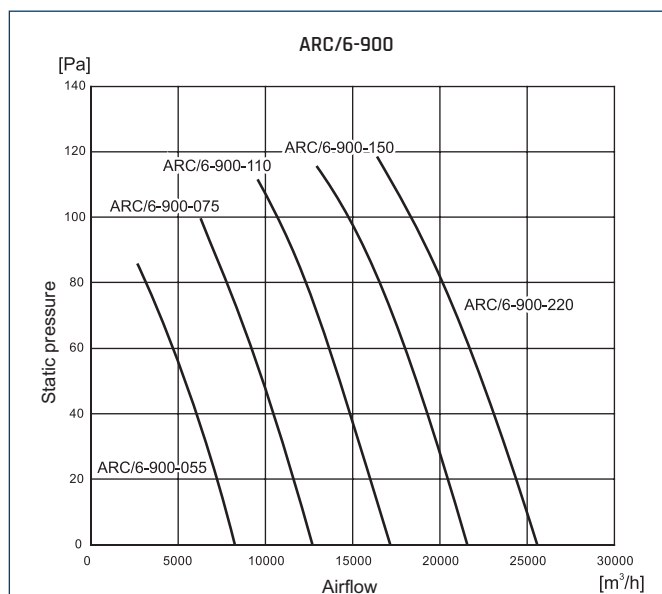
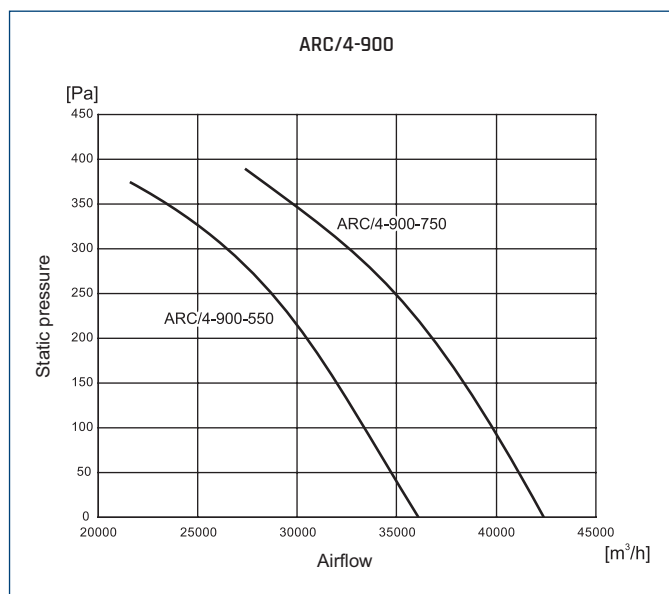
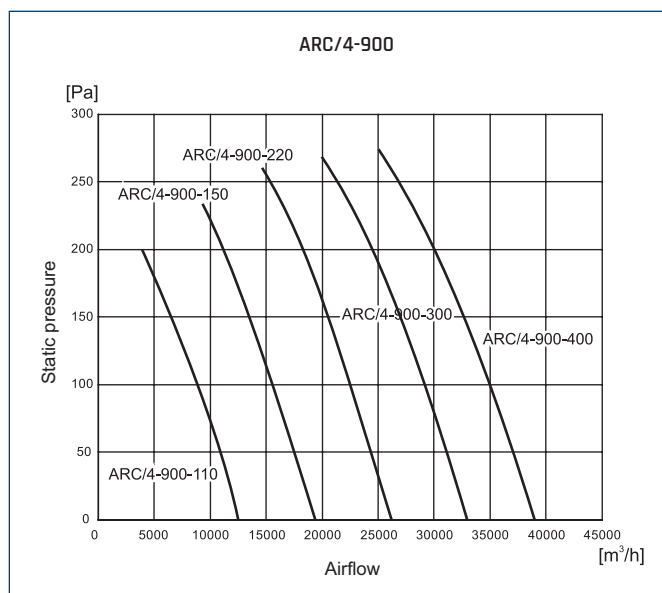
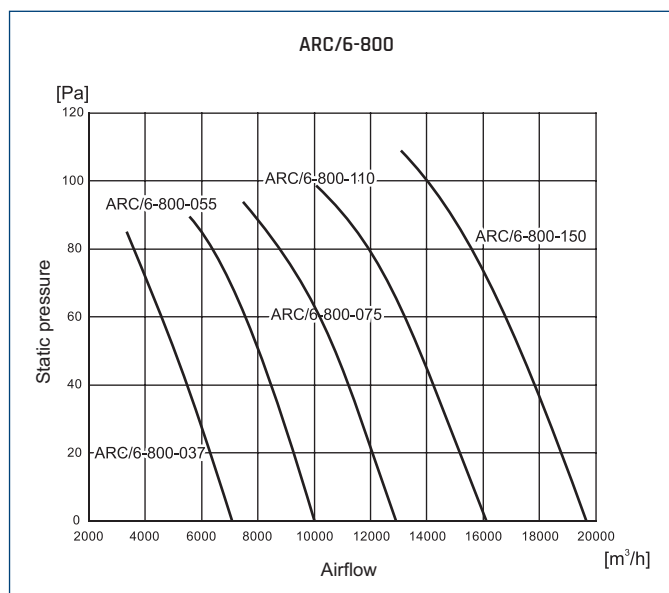
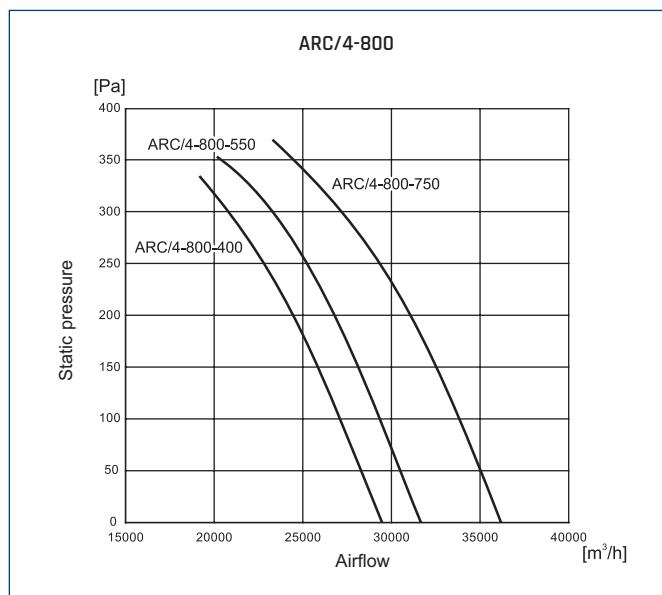
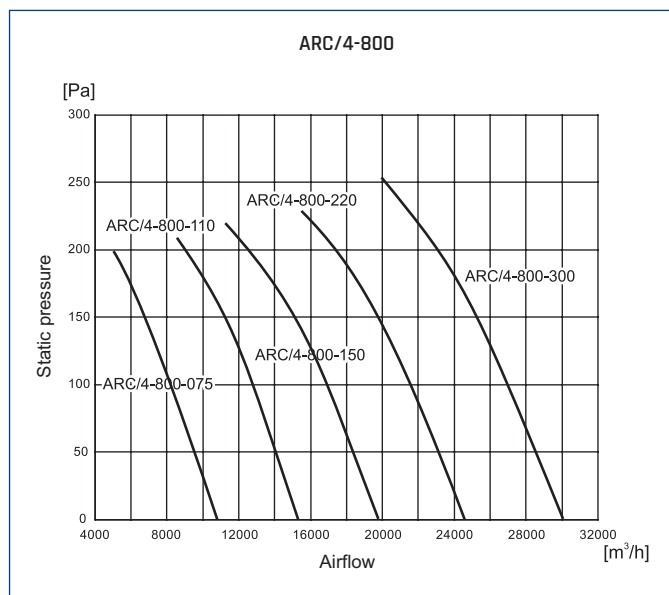
PERFORMANCE CURVES



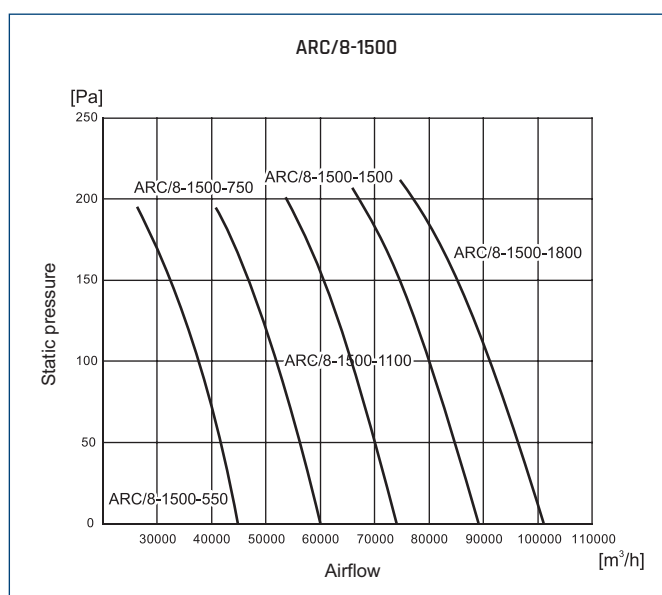
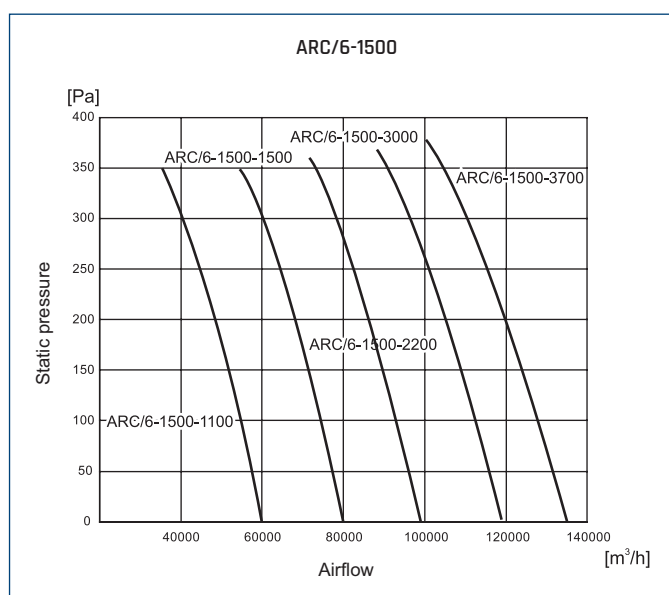
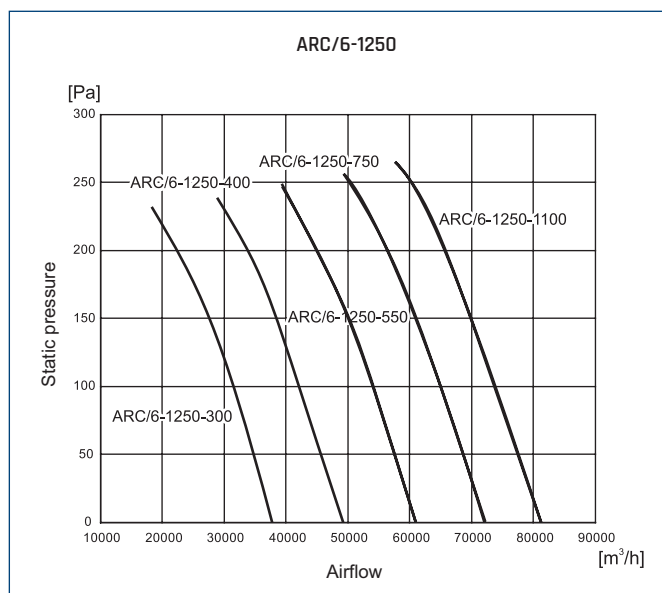
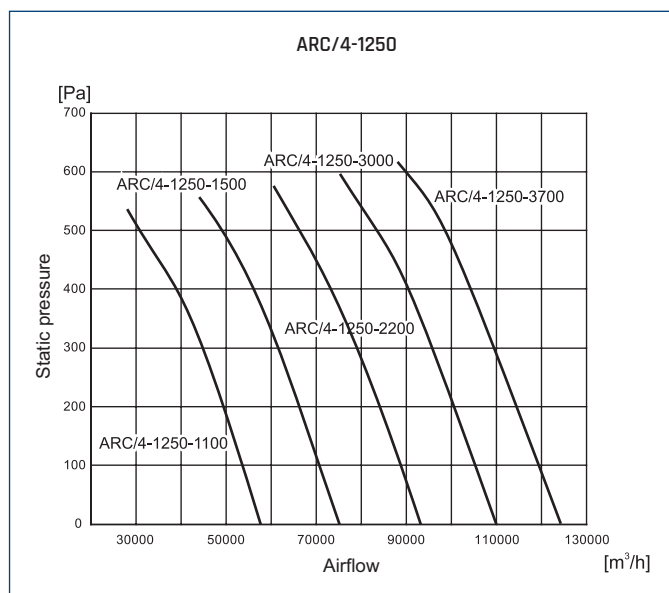
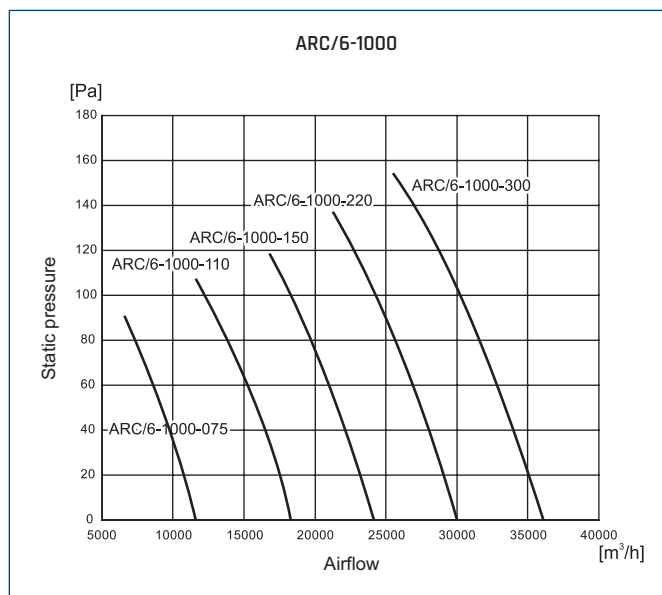
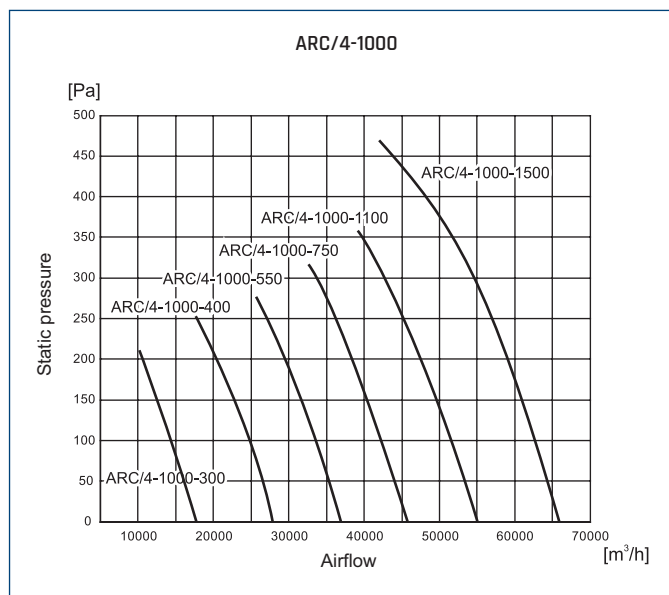
PERFORMANCE CURVES



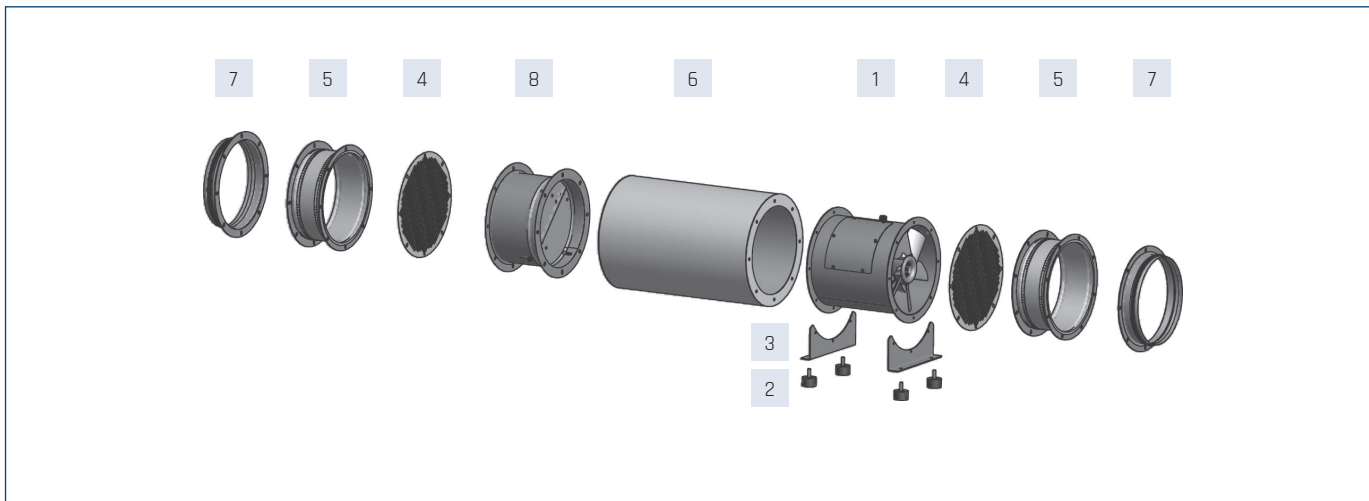
PERFORMANCE CURVES



PERFORMANCE CURVES



ACCESSORY ASSEMBLY



1	2	3	4	5	6		7	8
Fan	vibro-isolator	mounting feet	wire guard	flexible connector	sound attenuator 1xØD	sound attenuator 2xØD	matching flange	backdraft shutter
250	26040960	42516100	42518100	42519500	40521981	40521982	42517100	42516500
315	26040960	42516110	42518110	42519510	40521983	40521984	42517110	42516504
355	26040960	42516120	42518120	42519520	40521985	40521986	42517120	42516508
400	26040960	42516130	42518130	42519530	40521987	40521988	42517130	42516512
450	26040960	42516140	42518140	42519540	40521989	40521990	42517140	42516516
500	26040960	42516150	42518150	42519550	40521991	40521992	42517150	42516520
560	26040960	42516160	42518160	42519560	40521993	40521994	42517160	42516524
630	26040960	42516170	42518170	42519570	40521995	40521996	42517170	42516528
710	26040960	42516180	42518180	42519580	40521997	40521998	42517180	42516532
800	26040965	42516190	42518190	42519590	40521999	40522000	42517190	42516540

Akcesoria do modeli o średnicy powyżej 800mm dostępne na życzenie.





shutters PER-W p. 392	shutters PER-CN p. 393	mounting feet p. 394	wire guard p. 394	flexible connector p. 397	matching flange p. 395	backdraft shutter p. 396

ELECTRICAL ACCESSORIES

Fan	wall thermostat	duct thermostat	air quality sensor	humidistat
	TS	TK-1	SQA	HIG-2
250	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
315	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
355	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
400	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
450	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
500	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
560	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
630	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
710	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
800	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
900	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
1000	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
1250	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor
1500	40025345 + contactor	40025330 + contactor	40025140 + contactor	40025150 + contactor

* The contactor should be selected based on the rated current of the fan in category AC 23; Not available in Venture Industries.

** Inverters are individually selected according to motor power.

				
thermostat TS p. 650	thermostat TK-1 p. 650	sensor SQA p. 645	humidistat HIG-2 p. 645	Inverter p. 641