

CENTRIFUGAL FANS

SERIES
ACC

- ➔ in-line installation
- ➔ for duct expulsion

DESCRIPTION:

The ducted centrifugal fans of ACC series were designed for installation in industrial ventilation or air conditioning systems that require average air flows at significant pressures.

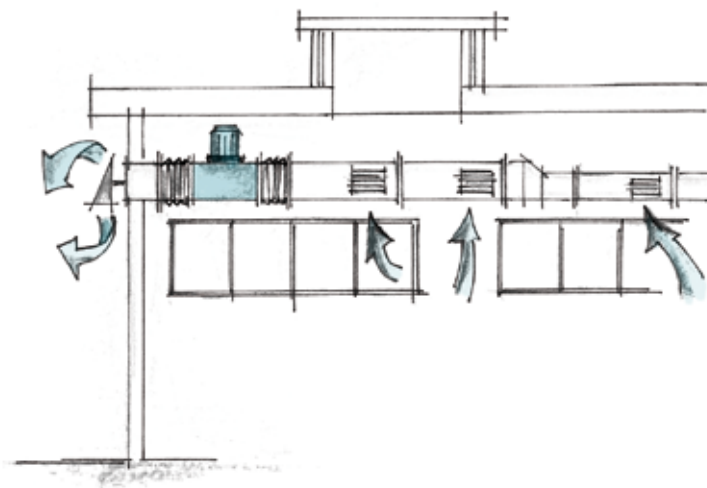
Compared with traditional centrifugal fans, ACC models being in alignment with the ducts have easier installation. The design features of these fans allow them to be installed in any intermediate section of a rectangular duct.

MAIN FEATURES:

- Galvanized steel structure with double fixing flanges on both extremities.
- Simple forward-curved impeller directly coupled with the electric motor.
- Self-ventilated motor, Class F - IP55, with "LONG LIFE" ball bearings, mounted outside of the intake air flow.
- For continuous operation in environments with air temperature range $-20^{\circ}\text{C} \div +60^{\circ}\text{C}$.
- 2 speed motor models controlled by a three-phase polarity switch, not supplied as an accessory, but easy to find on sale.

ACCESSORIES:

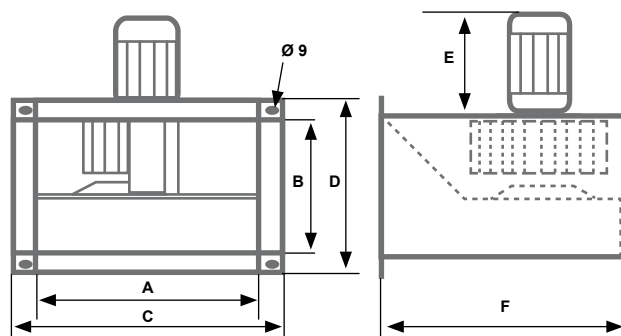
- Phase slicing speed regulator for monophase motors.
- Acoustic baffles silencer.
- Rectangular antivibration joint in flexible canvas.



DIMENSIONS

MODEL	A	B	C	D	E	F
ACC 200	400	200	440	240	207	500
ACC 220	500	250	560	310	207	560
ACC 250	500	300	560	360	233	560
ACC 280	600	300	660	360	233	710
ACC 310	600	350	660	410	283	710
ACC 350	700	400	760	460	322	780
ACC 400	800	500	860	560	322	880
ACC 450	1000	500	1060	560	345	980

Dimensions (mm)



TECHNICAL SPECIFICATIONS

ACC SERIES - MONOPHASE

230V - 50HZ

CODE	MODEL	m³/hr	Pt max mmH ₂ O	Ref. curves	Rpm nom.	MOTOR				dB(A) 3mt	Kg
						Kw	A	Cl. Is.	IP		
4 POLES											
AP12001	ACC 204 M	1250	27	1	1400	0,25	2,5	F	55	62	22
AP12002	ACC 224 M	1800	36	2	1400	0,37	3,3	F	55	65	35
AP12003	ACC 254 M	2850	48	3	1400	0,55	4,4	F	55	68	40
AP12004	ACC 284 M	4000	52	4	1400	1,1	7,7	F	55	72	47
6 POLES											
AP12005	ACC 206 M	900	12	7	950	0,18	2	F	55	56	22
AP12006	ACC 226 M	1300	15	8	950	0,18	2	F	55	62	34
AP12007	ACC 256 M	1750	20	9	950	0,18	2	F	55	63	38
AP12008	ACC 286 M	2400	25	10	950	0,25	2,6	F	55	64	41

ACC SERIES - MONOPHASE

230V Δ - 400V λ - 50Hz

CODE	MODEL	m³/hr	Pt max mmH ₂ O	Ref. curves	Rpm nom.	MOTOR				dB(A) 3mt	Kg.	
						Kw	A(230VΔ)	A(400Vλ)	Cl. Is.			IP
4 POLES												
AP12010	ACC 204 T	1250	27	1	1400	0,25	1,5	0,85	F	55	62	22
AP12011	ACC 224 T	1800	36	2	1400	0,37	1,9	1,1	F	55	65	35
AP12012	ACC 254 T	2850	48	3	1400	0,55	2,6	1,5	F	55	68	40
AP12013	ACC 284 T	4000	52	4	1400	1,1	4,52	2,6	F	55	72	47
AP12014	ACC 314 T	5750	72	5	1400	2,2	8,4	4,8	F	55	73	60
AP12015	ACC 354 T	9400	98	6	1400	3	11,5	6,6	F	55	76	85
6 POLES												
AP12016	ACC 206 T	900	12	7	950	0,18	1,2	0,7	F	55	56	22
AP12017	ACC 226 T	1300	15	8	950	0,18	1,2	0,7	F	55	62	34
AP12018	ACC 256 T	1750	20	9	950	0,18	1,2	0,7	F	55	63	38
AP12019	ACC 286 T	2400	25	10	950	0,25	1,6	0,95	F	55	64	41
AP12020	ACC 316 T	3750	34	11	950	0,37	2,15	1,25	F	55	65	48
AP12021	ACC 356 T	5600	45	12	950	1,1	5,05	2,9	F	55	67	75
AP12022	ACC 406 T	8200	54	13	950	1,5	6,8	3,9	F	55	70	92
AP12023	ACC 456 T	12500	71	14	950	2,2	8,4	4,8	F	55	72	120
8 POLES												
AP12024	ACC 358 T	4700	26	15	700	0,37	2,45	1,4	F	55	66	71
AP12025	ACC 408 T	6500	31	16	700	0,55	3,3	1,9	F	55	67	83
AP12026	ACC 458 T	9000	42	17	700	1,1	5,4	3,4	F	55	68	115

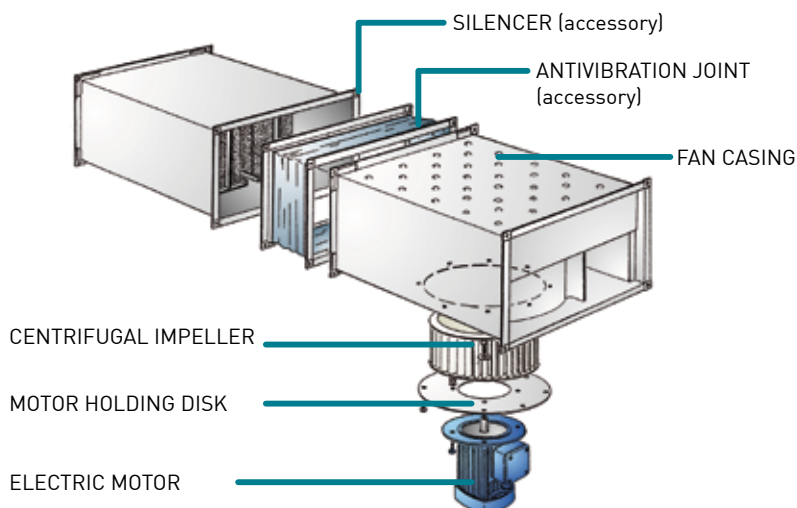
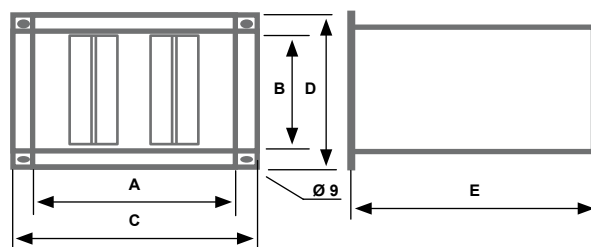
CODE	MODEL	m ³ /hr	Pt max mmH ₂ O	Ref. curves	Rpm nom.	MOTOR				dB(A) 3mt	Kg.	
						Kw	A	Cl. Is.	IP			
4 - 6 POLES												
AP12035	ACC 204-6 DT	1250/900	27/12	1	7	1400/950	0,26/0,09	0,9/0,3	F	55	62/56	22
AP12036	ACC 224-6 DT	1800/1300	36/15	2	8	1400/950	0,37/0,12	1,2/0,45	F	55	65/62	37
AP12037	ACC 254-6 DT	2850/1750	48/20	3	9	1400/950	0,55/0,18	1,5/0,56	F	55	68/63	42
AP12038	ACC 284-6 DT	4700/2400	52/25	4	10	1400/950	1,1/0,25	2,9/0,9	F	55	72/64	49
AP12039	ACC 314-6 DT	5750/3750	72/34	5	11	1400/950	1,7/0,6	4/1,8	F	55	73/65	62
AP12040	ACC 354-6 DT	9400/5600	98/45	6	12	1400/950	3/0,9	6,3/2,4	F	55	76/67	89
6 - 8 POLES												
AP12041	ACC 356-8 DT	5600/4700	45/26	12	15	950/700	0,9/0,45	2,5/1,5	F	55	67/66	86
AP12042	ACC 406-8 DT	8200/6500	54/31	13	16	950/700	1,25/0,6	3,3/2	F	55	70/67	96
AP12043	ACC 456-8 DT	12500/9000	71/42	14	17	950/700	1,8/1	3,8/2,2	F	55	72/68	145

ACCESSORIES

ACOUSTIC BAFFLES SILENCER

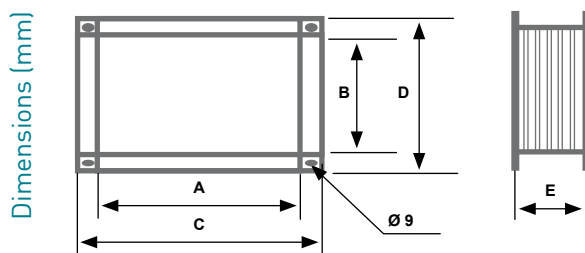
CODE	MODEL	A	B	C	D	E	Kg
AP19275	SSF 200	400	200	440	240	500	10
AP19276	SSF 220	500	250	560	310	560	13
AP19277	SSF 250	500	300	560	360	560	16
AP19278	SSF 280	600	300	660	360	710	21
AP19279	SSF 310	600	350	660	410	710	25
AP19280	SSF 350	700	400	760	460	780	32
AP19281	SSF 400	800	500	860	560	880	38
AP19282	SSF 450	1000	500	1060	560	980	50

Dimensions (mm)



RECTANGULAR ANTIVIBRATION JOINT

CODE	MODEL	A	B	C	D	E	Kg
AP19300	GRA 200	400	200	440	240	120	2
AP19301	GRA 220	500	250	560	310	120	3
AP19302	GRA 250	500	300	560	360	120	4
AP19303	GRA 280	600	300	660	360	120	6
AP19304	GRA 310	600	350	660	410	120	7
AP19305	GRA 350	700	400	760	460	120	9
AP19306	GRA 400	800	500	860	560	120	11
AP19307	GRA 450	1000	500	1060	560	120	13



MONOPHASE SPEED REGULATORS

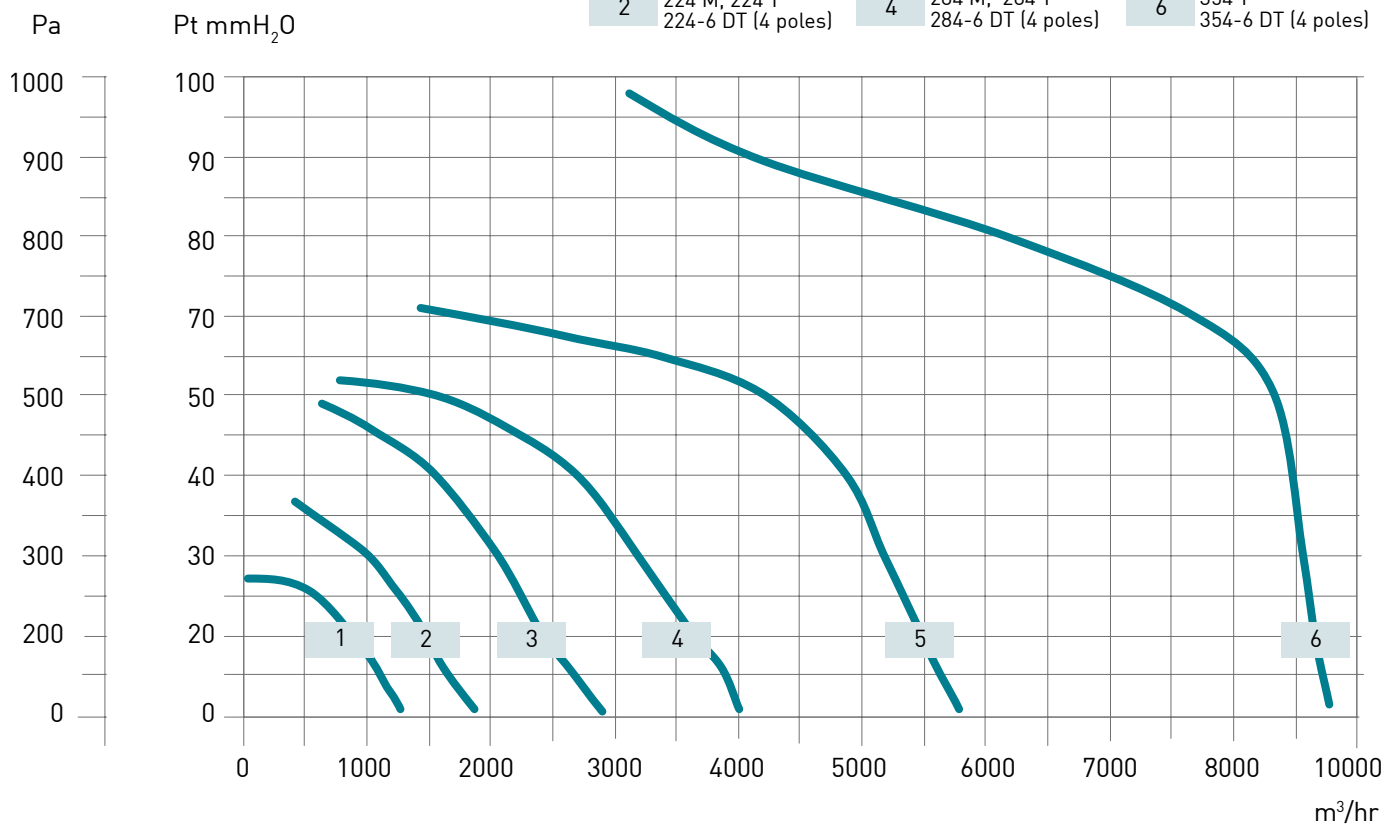
CODE	MODEL	to control all the ACC series models
AP2600	RDV 3-MF	204M, 206M, 226M, 256M
AP2642	RDV 5-MF	224M, 254M, 286M



CHARACTERISTIC CURVES

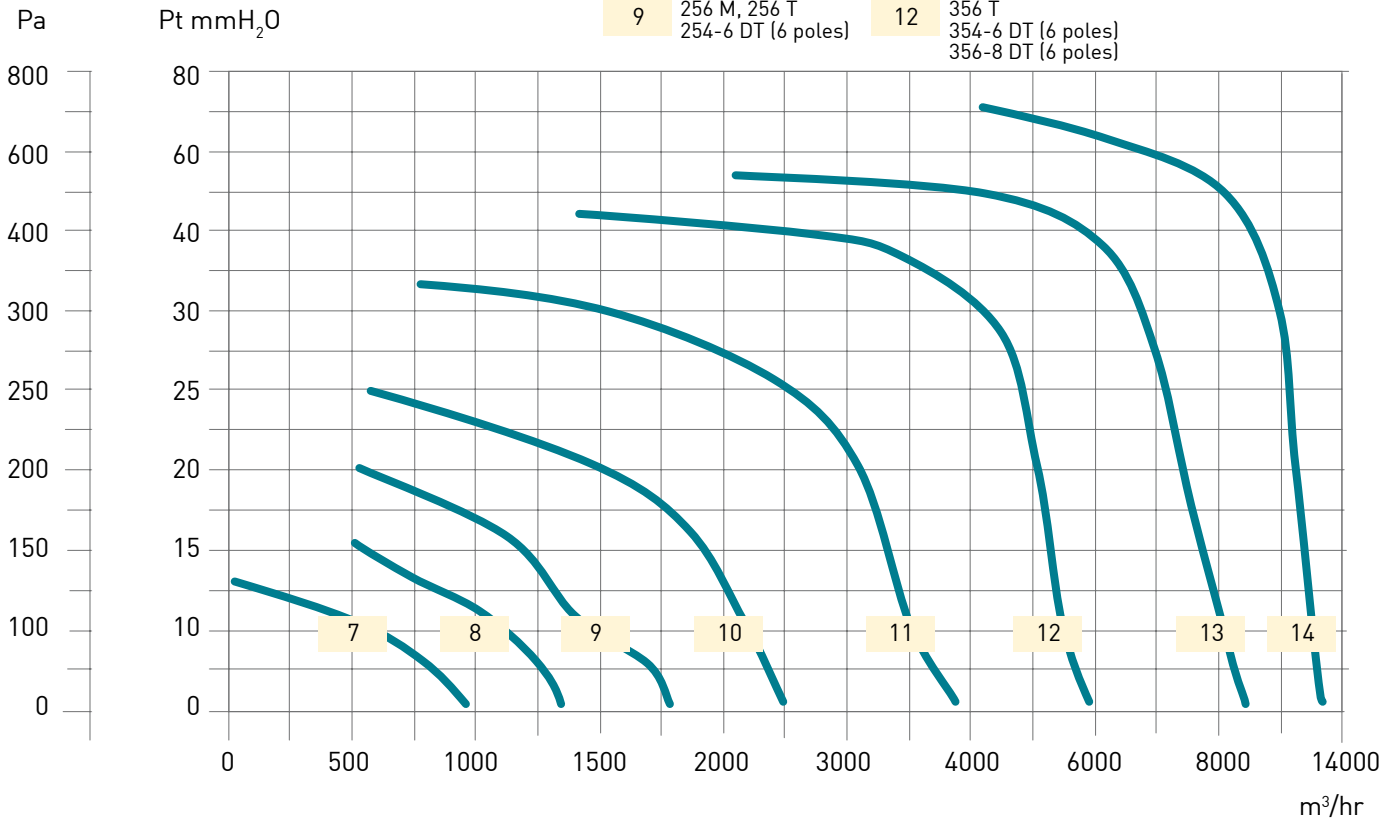
ACC SERIES- 4 POLES - 1400 RPM

1	204 M, 204 T 204-6 DT (4 poles)	3	254 M, 254 T 254-6 DT (4 poles)	5	314 T 314-6 DT (4 poles)
2	224 M, 224 T 224-6 DT (4 poles)	4	284 M, 284 T 284-6 DT (4 poles)	6	354 T 354-6 DT (4 poles)



ACC SERIES - 6 POLES - 950 RPM

- | | | | | | |
|---|------------------------------------|----|---|----|-----------------------------|
| 7 | 206 M, 206 T
204-6 DT (6 poles) | 10 | 286 M, 286 T
284-6 DT (6 poles) | 13 | 406 T
406-8 DT (6 poles) |
| 8 | 226 M, 226 T
224-6 DT (6 poles) | 11 | 316 T
314-6 DT (6 poles) | 14 | 456 T
456-8 DT (6 poles) |
| 9 | 256 M, 256 T
254-6 DT (6 poles) | 12 | 356 T
354-6 DT (6 poles)
356-8 DT (6 poles) | | |



ACC SERIES - 8 POLES - 700 RPM

- | | | | | | |
|----|-----------------------------|----|-----------------------------|----|-----------------------------|
| 15 | 358 T
356-8 DT (8 poles) | 16 | 408 T
406-8 DT (8 poles) | 17 | 458 T
456-8 DT (8 poles) |
|----|-----------------------------|----|-----------------------------|----|-----------------------------|

