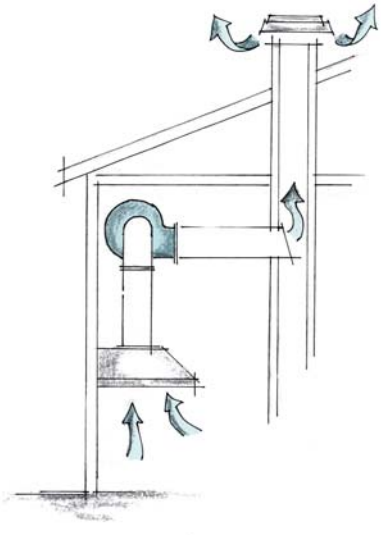
ACT
RADIAL CENTRIFUGAL FANS

- For duct application
- Designed to be used in commercial and industrial environments
- Particularly suitable for clean or slightly dusty air suction

DESCRIPTION

The ACT series centrifugal fans are designed to be used in commercial and industrial environments for ventilation systems where average airflows at significant pressures are required.

Particularly suitable for clean or slightly dusty air suction through ducted ventilation systems and/or hoods, finding a wide use in heat dissipation from electrical cubicle, generator rooms, extruders, lamps, motors, etc..



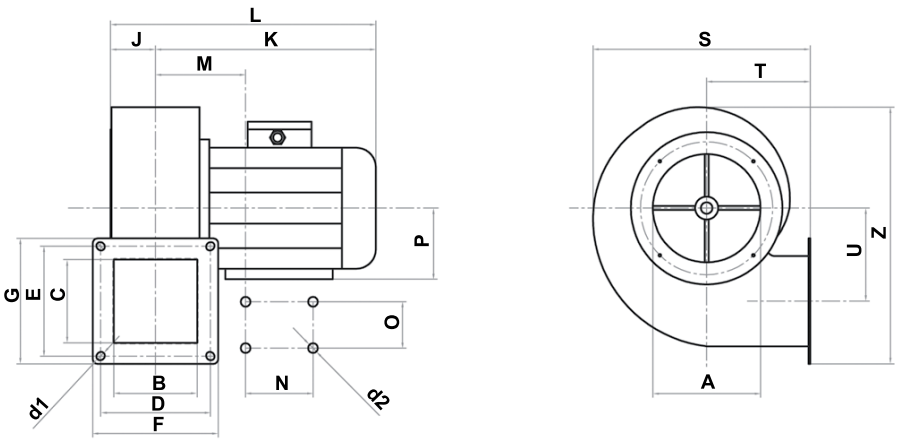
FEATURES

- Steel body tinted with epoxy resin coating;
- Simple forward-curved impeller, directly coupled with the motor;
- B5 Self-ventilated motor - Is. F IP55 class with "LONG LIFE" ball bearings, mounted outside of the air flow.
- Working fluid temperature can go up to + 80°C;
- 270° "LG"anticlockwise rotation "RD" standard supplied;
- Cochlea orientation on 8 positions;
- Extraction side safety grille, standard for all models;
- Compliant with Reg. Eu. 327/2011 / EU.

ACCESSORIES

- Speed regulators;
- Motor saddle bracket;
- Non-flanged connection on the aspiration side;
- Inlet flange connection;
- Square-round connection .

DIMENSIONS (mm)

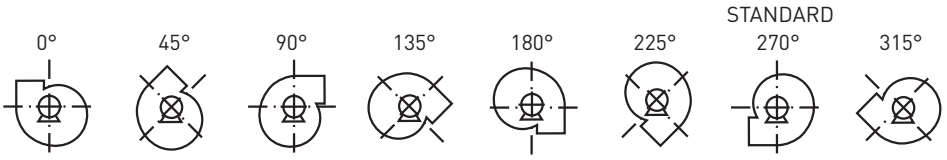


MODEL	A	B	C	D	E	F	G	J	K	L	M	N	O	P	S	T	U	Z
ACT 12/2 MF	130	85	85	110	110	128	126	46	238	285	85	80	100	63	220	102	96	260
ACT 12/4 MF	130	85	85	110	110	128	126	46	238	285	85	80	100	63	220	102	96	260
ACT 15/2 MF	130	105	85	135	110	150	130	57	248	305	97	80	100	63	220	102	96	260
ACT 15/4 MF	130	105	85	135	110	150	130	57	248	305	97	80	100	63	220	102	96	260
ACT 17/2 MF	155	110	110	135	135	150	150	59	257	316	102	90	112	71	270	122	115	320
ACT 17/4 MF	155	110	110	135	135	150	150	59	251	310	97	80	100	63	270	122	115	320
ACT 20/2 MF	175	110	110	135	135	150	150	59	257	316	102	90	112	71	270	122	115	320
ACT 20/4 MF	175	110	110	135	135	150	150	59	251	310	97	80	100	63	270	122	115	320
ACT 25/2 MF	205	137	137	170	170	190	190	73	303	377	122	100	125	80	335	148	145	400
ACT 25/4 MF	205	137	137	170	170	190	190	73	286	359	117	90	112	71	335	148	145	400
ACT 8/2 TF	100	70	60	85	75	110	98	39	178	217	-	-	-	-	170	82	64	185
ACT 10/2 TF	130	85	85	110	110	128	128	45	183	228	-	-	-	-	220	102	96	260
ACT 12/2 TF	130	85	85	110	110	128	126	46	238	285	85	80	100	63	220	102	96	260
ACT 12/4 TF	130	85	85	110	110	128	126	46	238	285	85	80	100	63	220	102	96	260
ACT 15/2 TF	130	105	85	135	110	150	130	57	248	305	97	80	100	63	220	102	96	260
ACT 15/4 TF	130	105	85	135	110	150	130	57	248	305	97	80	100	63	220	102	96	260
ACT 17/2 TF	155	110	110	135	135	150	150	59	257	316	102	90	112	71	270	122	115	320
ACT 17/4 TF	155	110	110	135	135	150	150	59	251	310	97	80	100	63	270	122	115	320
ACT 20/2 TF	175	110	110	135	135	150	150	59	257	316	102	90	112	71	270	122	115	320
ACT 20/4 TF	175	110	110	135	135	150	150	59	251	310	97	80	100	63	270	122	115	320
ACT 25/2 TF	205	137	137	170	170	190	190	73	303	377	122	100	125	80	335	148	145	400
ACT 25/4 TF	205	137	137	170	170	190	190	73	286	359	117	90	112	71	335	148	145	400
ACT 25/6 TF	205	137	137	170	170	190	190	73	265	338	112	80	100	63	335	148	145	400
ACT 25/8 TF	205	137	137	170	170	190	190	73	286	359	117	90	112	71	335	148	145	400

TECHNICAL FEATURES

The cochlea orientation views are intended as seen from motor side

Clockwise rotation - "RD"



■ MONOPHASE

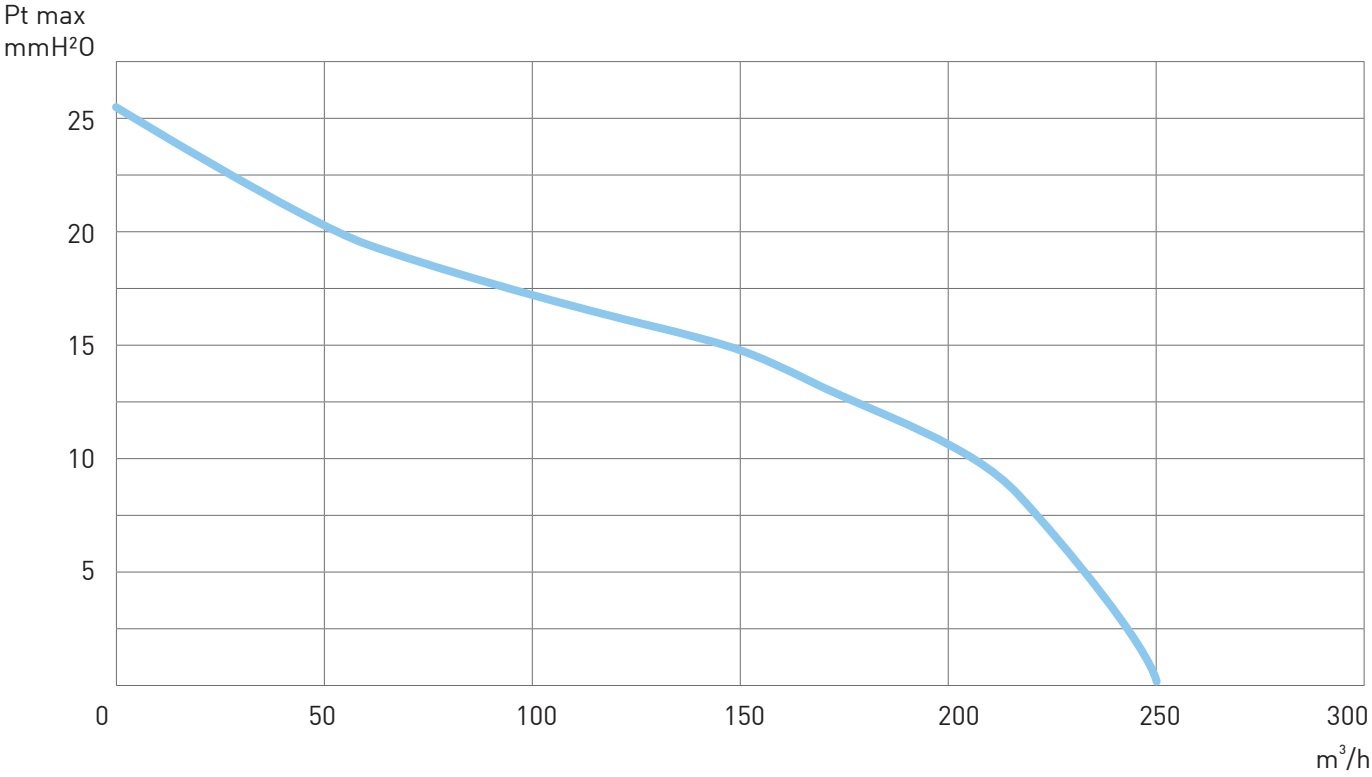
							MOTOR					
CODE	MODEL	POLES	m³/h	Pt max mmH²O	Ref. curves	Rpm nom.	Kw	A	Cl. Is.	IP	dB(A) 1.5m	Kg
AP4900	ACT 12/2 MF	2	610	40	1	2800	0.18	0.55	F	55	62.3	5.5
AP4902	ACT 12/4 MF	4	310	10	2	1400	0.12	0.45	F	55	46.6	5.5
AP4904	ACT 15/2 MF	2	950	60	3	2800	0.25	0.7	F	55	64	5.5
AP4906	ACT 15/4 MF	4	470	15	4	1400	0.12	0.45	F	55	49.7	5.5
AP4908	ACT 17/2 MF	2	1500	71	6	2800	0.37	0.95	F	55	68.1	9.2
AP4910	ACT 17/4 MF	4	750	16	7	1400	0.12	0.45	F	55	52.1	7.6
AP4912	ACT 20/2 MF	2	1600	103	8	2800	0.55	1.35	F	55	72.4	10
AP4914	ACT 20/4 MF	4	800	26	9	1400	0.18	0.6	F	55	57.3	8
AP4916	ACT 25/2 MF	2	3300	140	10	2800	1.1	2.55	F	55	74.1	16
AP4918	ACT 25/4 MF	4	1600	34	11	1400	0.25	0.75	F	55	58.8	12

■ THREE-PHASE

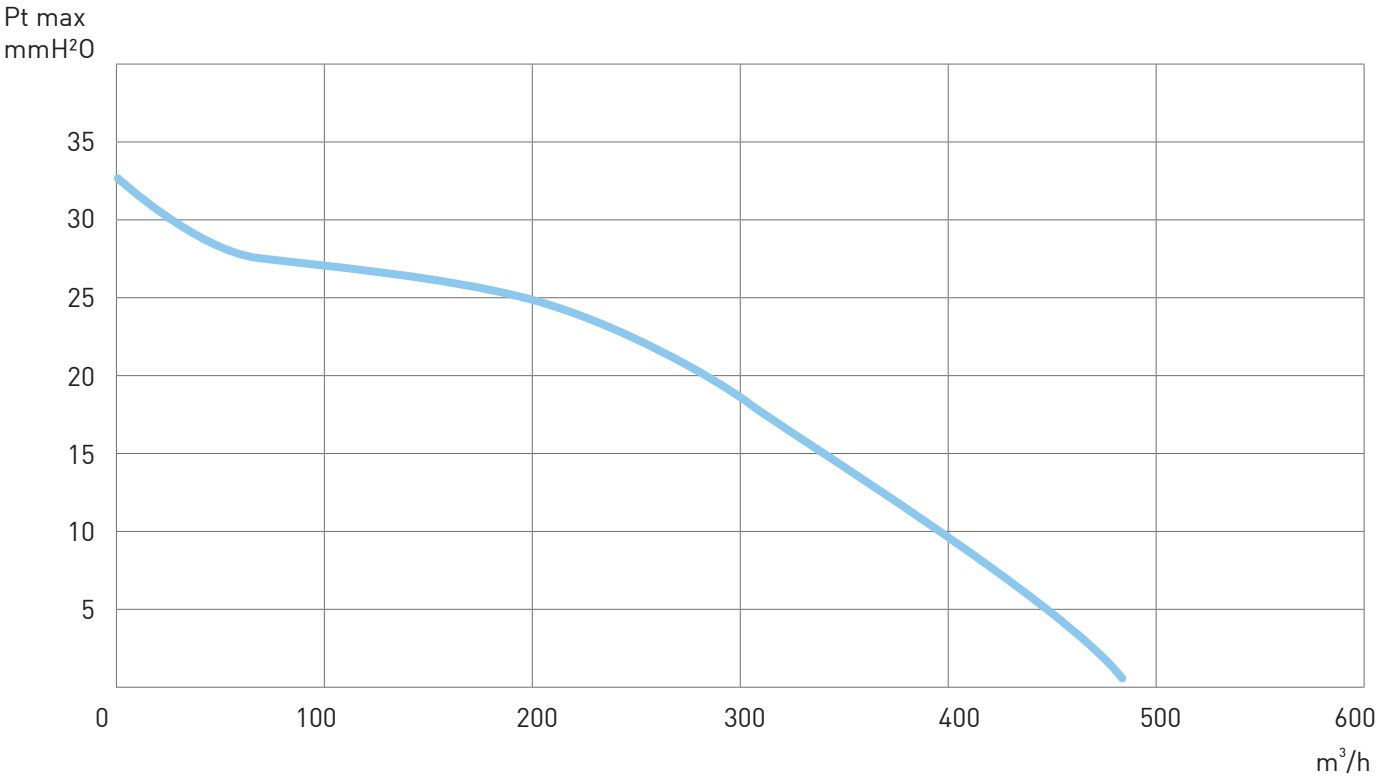
							MOTOR					
CODE	MODEL	POLES	m³/h	Pt max mmH²O	Ref. curves	Rpm nom.	Kw	A	Cl. Is.	IP	dB(A) 1.5m	Kg
AP4920	ACT 8/2 TF	2	250	26	1	2800	0.09	0.35	F	55	48.9	2.5
AP4922	ACT 10/2 TF	2	480	33	2	2800	0.09	0.35	F	55	59.3	3
AP4930	ACT 12/2 TF	2	610	40	3	2800	0.18	0.55	F	55	62.3	5.5
AP4932	ACT 12/4 TF	4	310	10	4	1400	0.12	0.45	F	55	46.6	5.5
AP4934	ACT 15/2 TF	2	950	60	5	2800	0.25	0.7	F	55	64	5.5
AP4936	ACT 15/4 TF	4	470	15	6	1400	0.12	0.45	F	55	49.7	5.5
AP4938	ACT 17/2 TF	2	1500	71	7	2800	0.37	0.95	F	55	68.1	9.2
AP4940	ACT 17/4 TF	4	750	16	8	1400	0.12	0.45	F	55	52.1	7.6
AP4942	ACT 20/2 TF	2	1600	103	9	2800	0.55	1.35	F	55	72.4	10
AP4944	ACT 20/4 TF	4	800	26	10	1400	0.18	0.55	F	55	57.3	8
AP4946	ACT 25/2 TF	2	3300	140	11	2800	1.1	2.55	F	55	74.1	16
AP4948	ACT 25/4 TF	4	1600	34	12	1400	0.25	0.45	F	55	58.8	12
AP4950	ACT 25/6 TF	6	1050	14	13	900	0.09	0.63	F	55	49.2	11
AP4952	ACT 25/8 TF	8	800	8	14	690	0.09	0.55	F	55	42.8	11

FEATURES CURVES

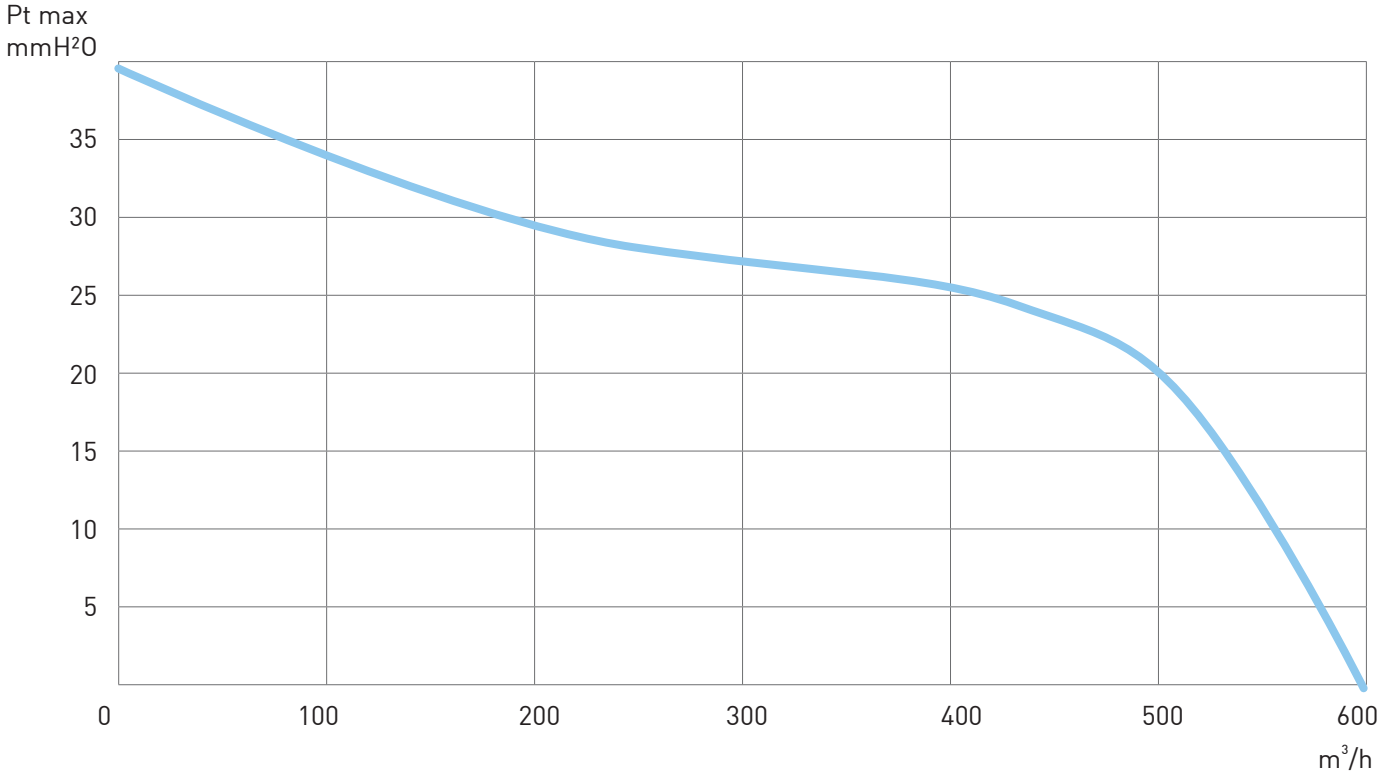
■ ACT 8/2 TF



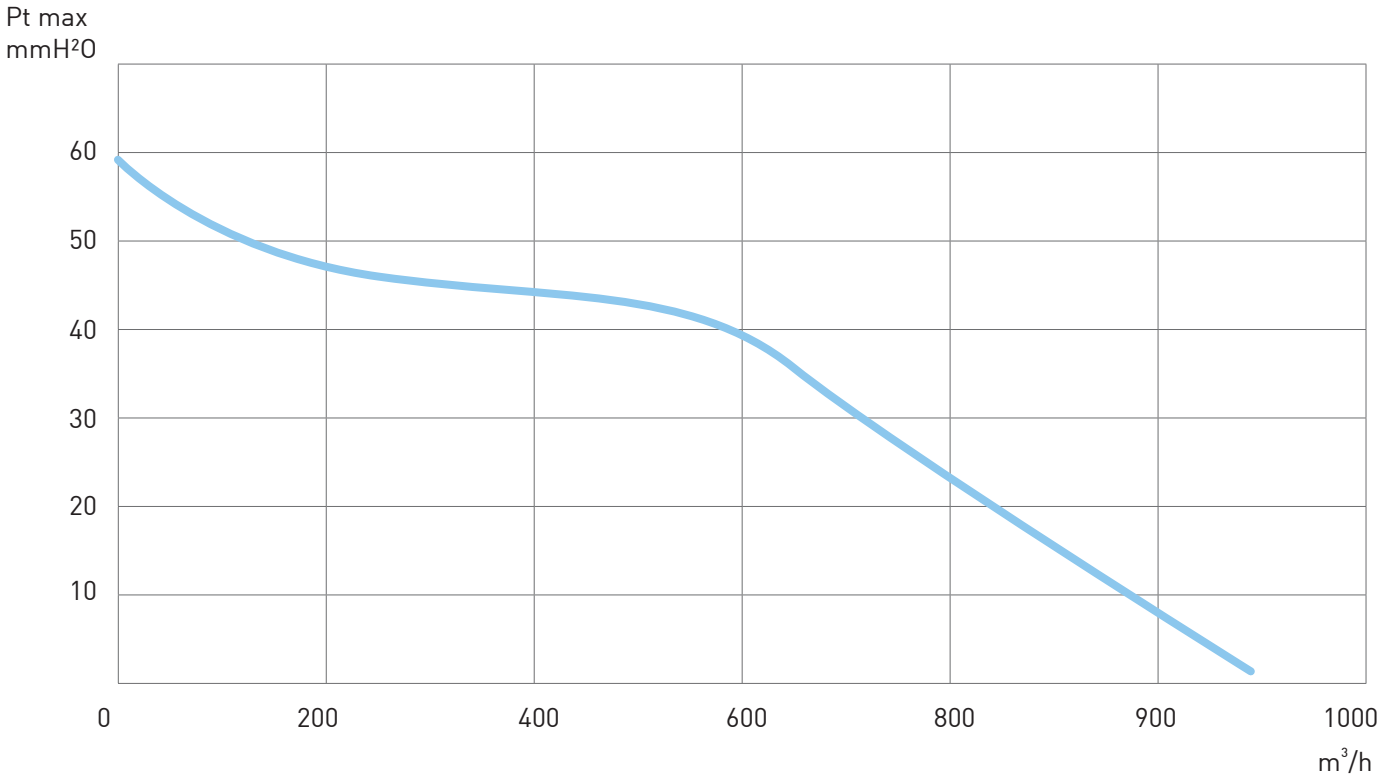
■ ACT 10/2 TF



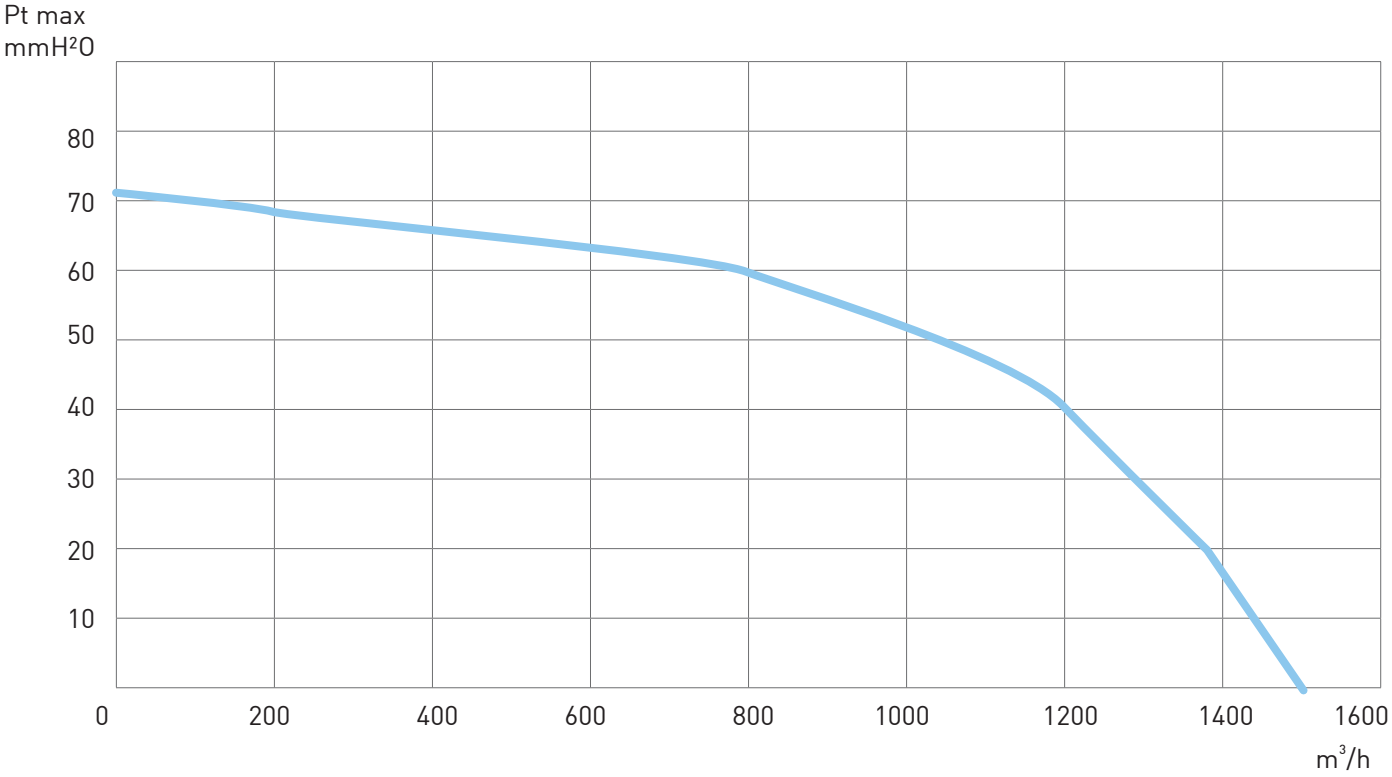
■ ACT 12/2 MF - ACT 12/2 TF



■ ACT 15/2 MF - ACT 15/2 TF



■ ACT 17/2 MF - ACT 17/2 TF



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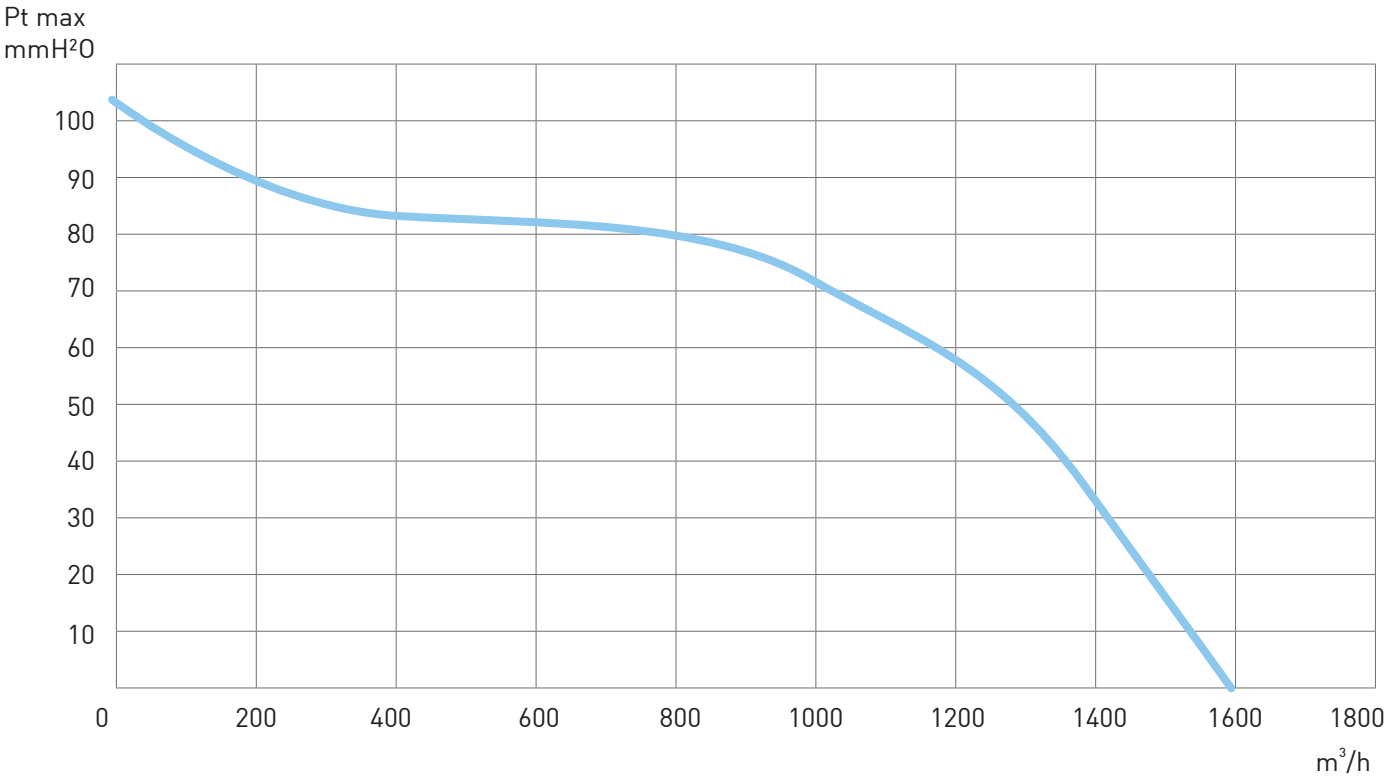
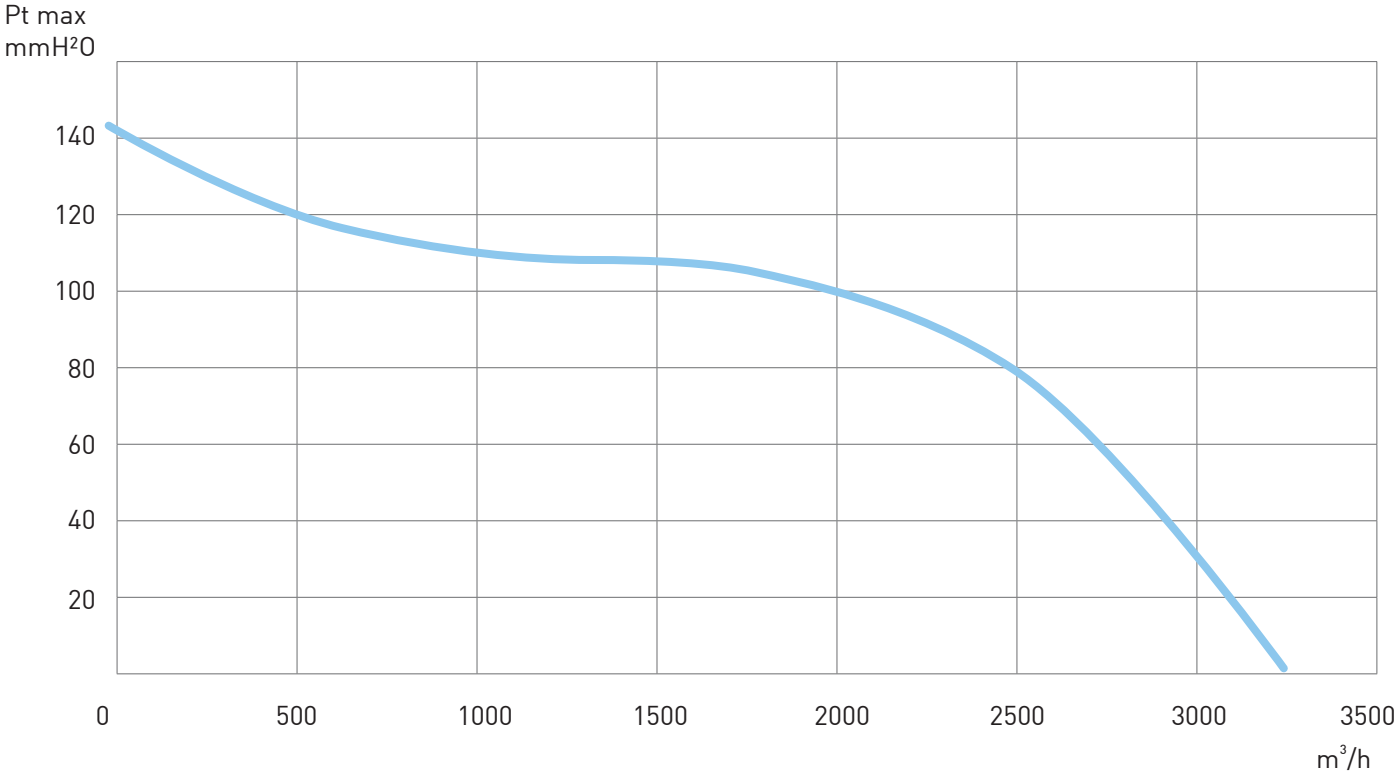
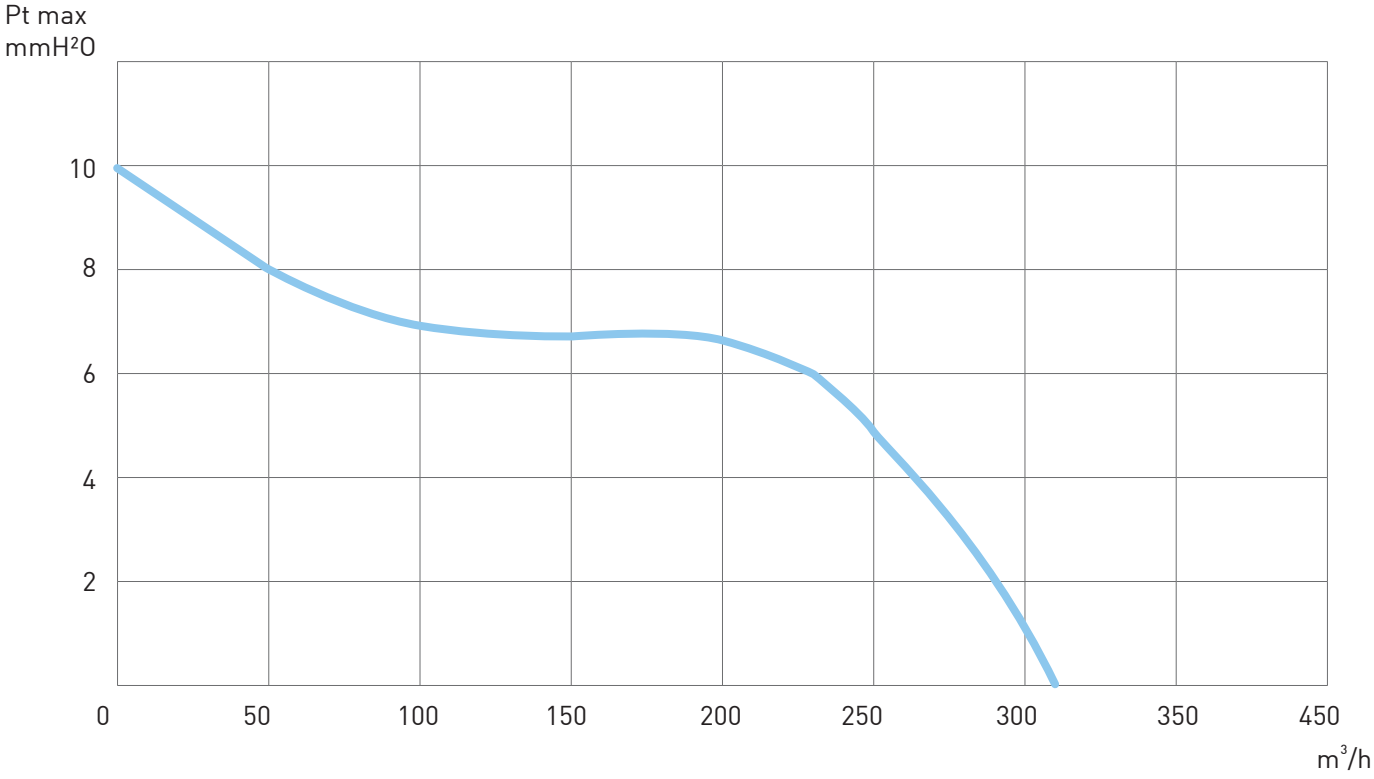


■ ACT 25/2 MF - ACT 25/2 TF



■ ACT 12/4 MF - ACT 12/4 TF



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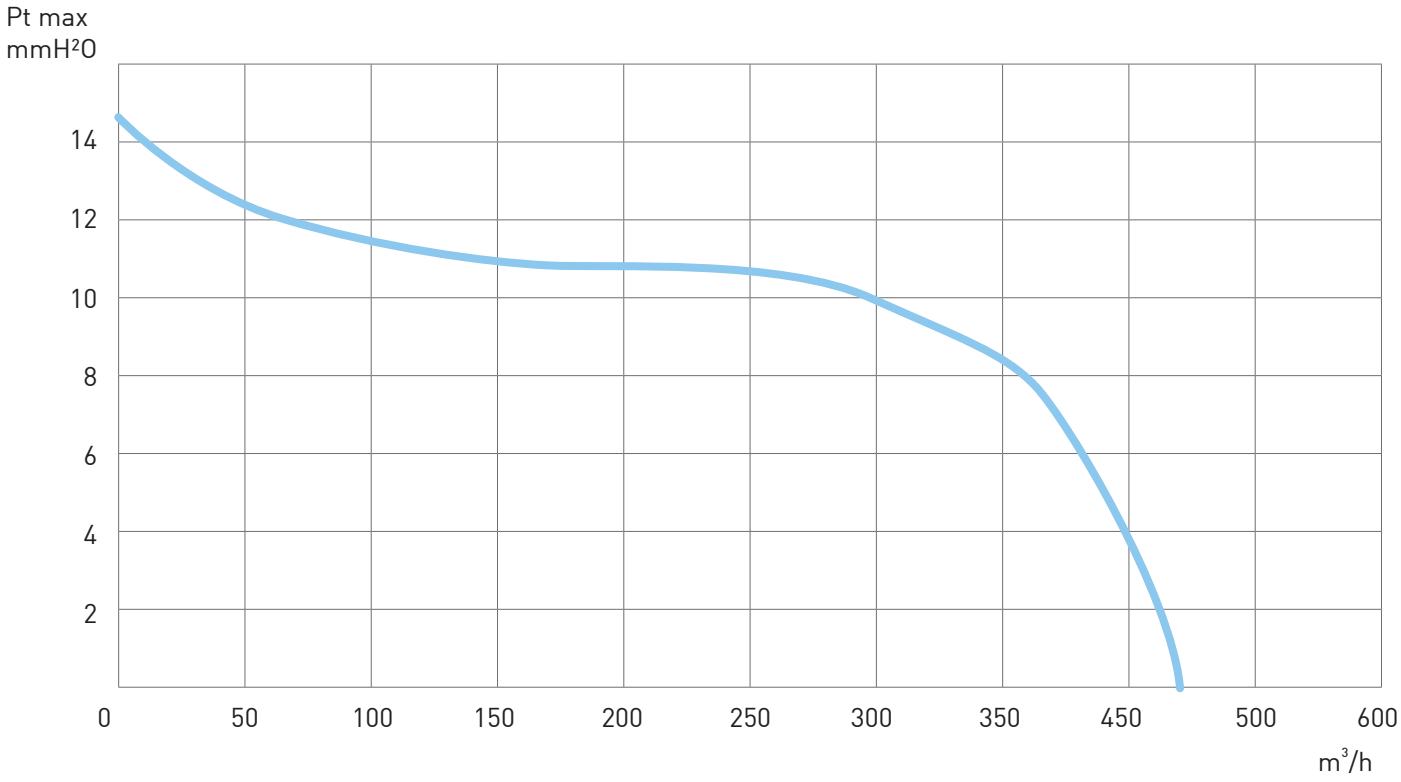
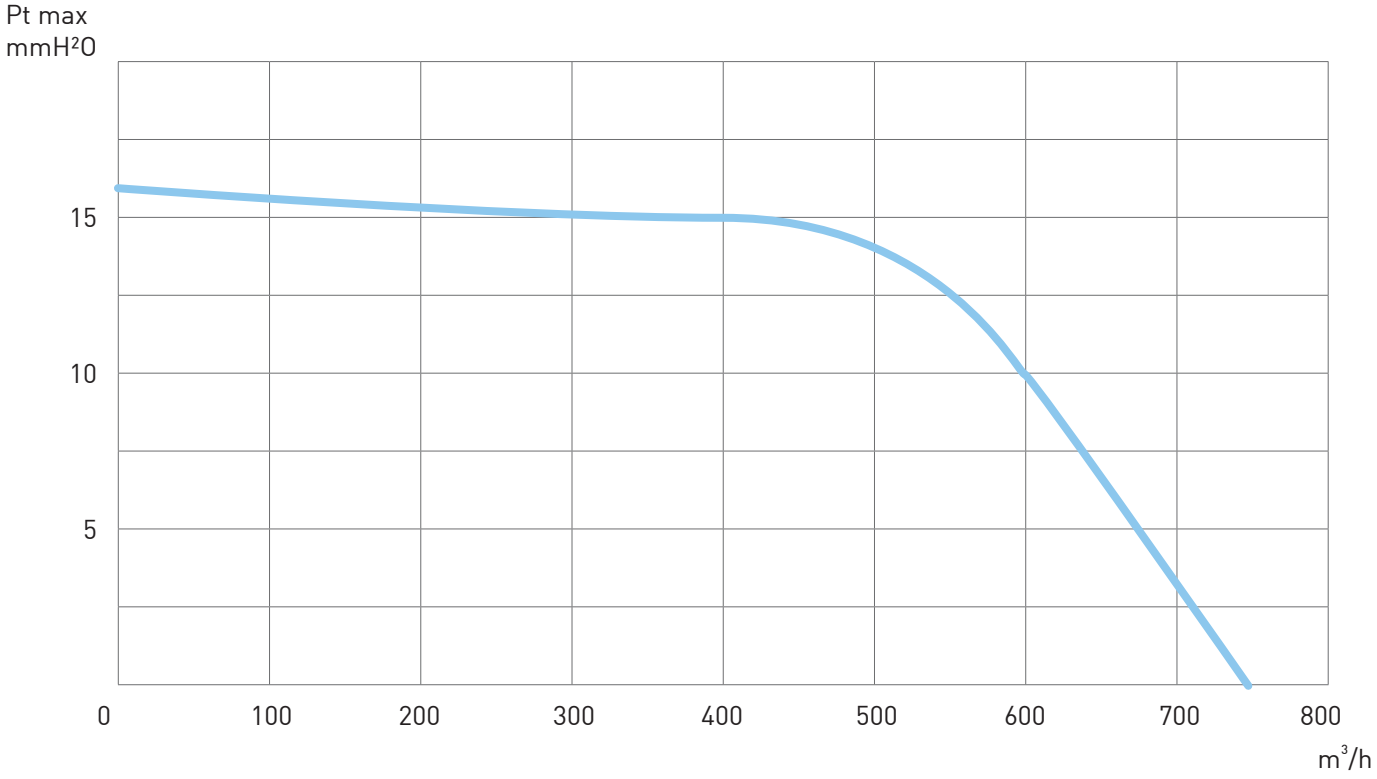
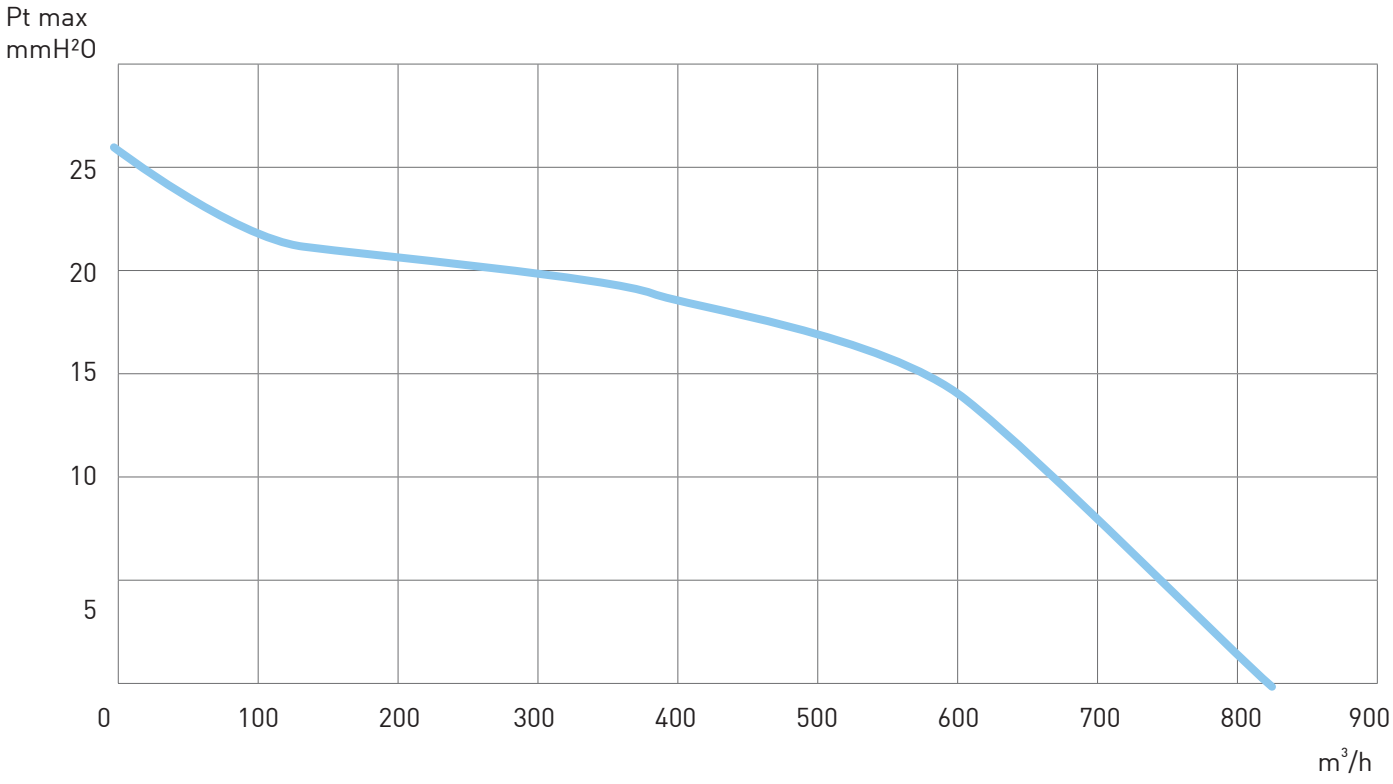


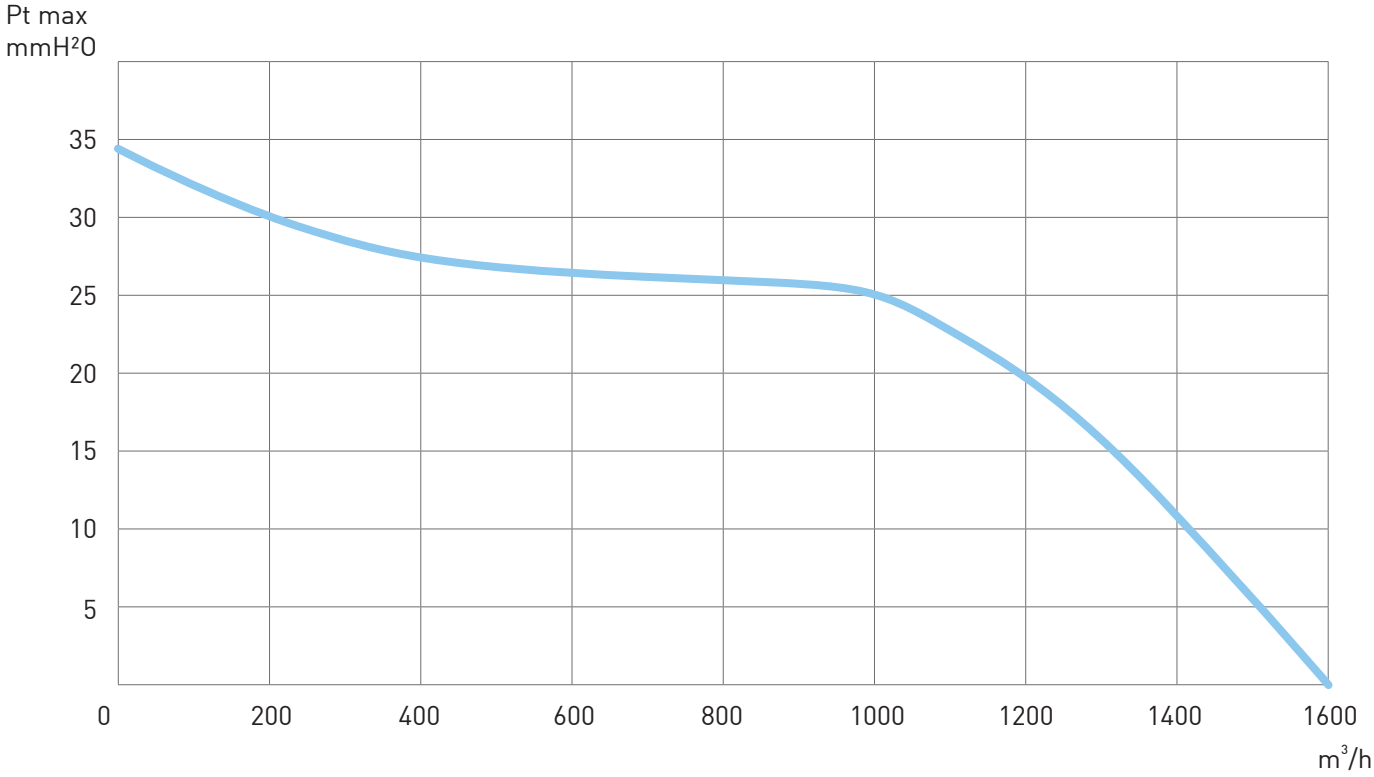
■ ACT 17/4 MF - ACT 17/4 TF



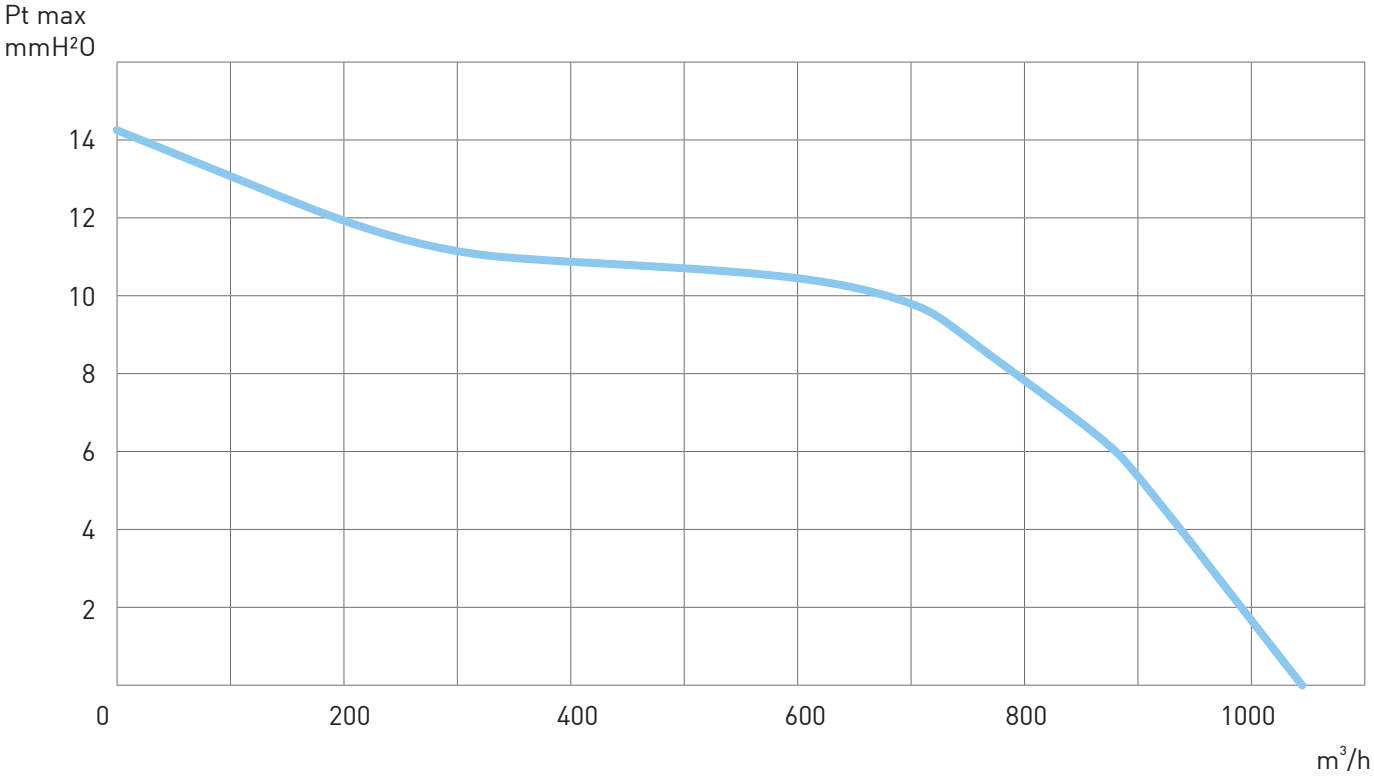
■ ACT 20/4 MF - ACT 20/4 TF



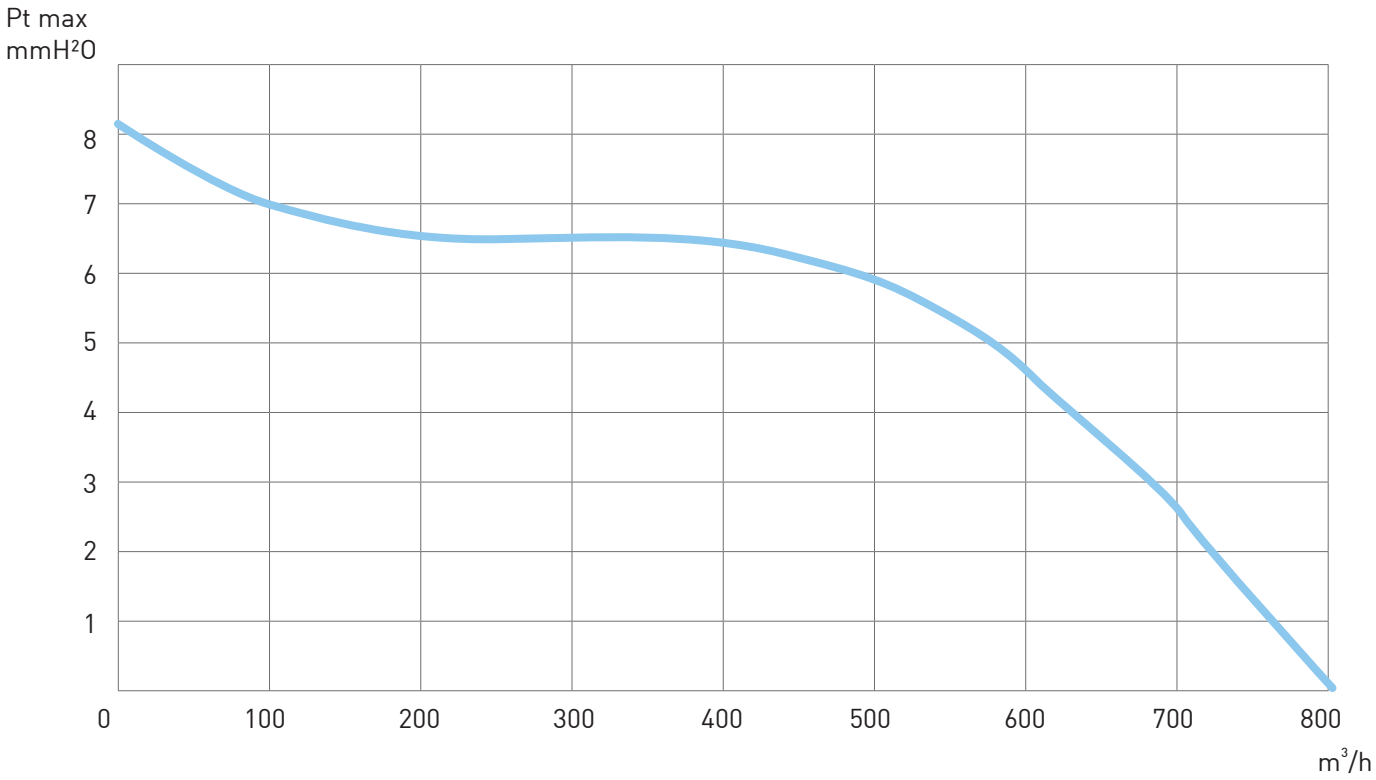
■ ACT 25/4 MF - ACT 25 /4 TF



■ ACT 25/6 TF

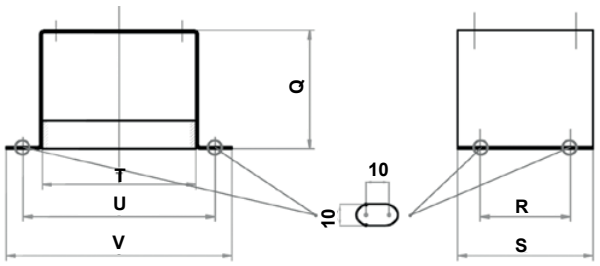


■ ACT 25/8 TF



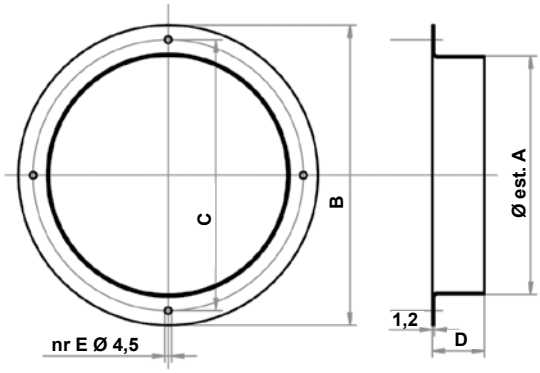
ACCESSORIES

■ MOTOR SADDLE SUPPORT



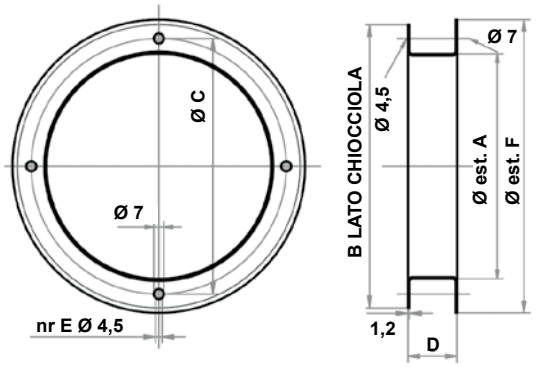
			DIMENSIONS MM					
CODE	MODEL	FOR	Q	R	S	T	U	V
AP4975	BSM 12-15	AP4900, AP4902, AP4904, AP4906 AP4930, AP4932, AP4934, AP4936	105	80	120	140	170	200
AP4976	BSM 17-20	AP4908, AP4910, AP4912, AP4914 AP4938, AP4940, AP4942, AP4944	135	90	130	160	190	220
AP4977	BSM 25	AP4916, AP4918, AP4946, AP4948 AP4950, AP4952	175	90	130	165	195	225

■ NON-FLANGED CONNECTION ON THE ASPIRATION SIDE



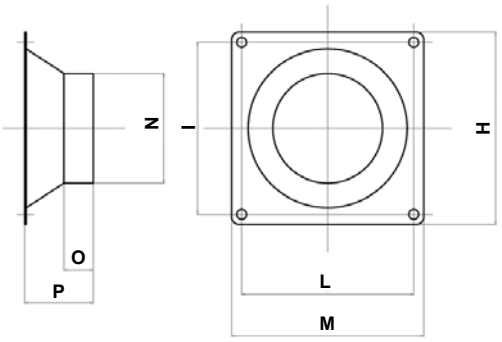
			DIMENSIONS MM					
CODE	MODEL	FOR	A	B	C	D	E	F
AP4978	RNF 8	AP4920	98	128	118	37.5	3	142
AP4979	RNF 10-12-15	AP4922, AP4900, AP4902, AP4904, AP4906 AP4930, AP4932, AP4934, AP4936	128	159	150	34.5	4	177
AP4980	RNF 17	AP4908, AP4910, AP4938, AP4940	158	195	176	34	4	202
AP4981	RNF 20	AP4912, AP4914, AP4942, AP4944	178	205	195	36	4	215
AP4982	RNF 25	AP4916, AP4918, AP4946, AP4948 AP4950, AP4952	198	244	225	30	4	242

■ INLET FLANGE CONNECTION



			DIMENSIONS MM					
CODE	MODEL	FOR	A	B	C	D	E	F
AP4983	RF 8	AP4920	98	128	118	37.5	3	142
AP4984	RF 10-12-15	AP4922. AP4900. AP4902. AP4904. AP4906 AP4930. AP4932. AP4934. AP4936	128	159	150	34.5	4	177
AP4985	RF 17	AP4908. AP4910. AP4938. AP4940	158	195	176	34	4	202
AP4986	RF 20	AP4912. AP4914. AP4942. AP4944	178	205	195	36	4	215
AP4987	RF 25	AP4916. AP4918. AP4946. AP4948 AP4950. AP4952	198	244	225	30	4	242

■ SQUARE-ROUND CONNECTION



			DIMENSIONS MM						
CODE	MODEL	FOR	H	I	L	M	N	O	P
AP4970	RQT 8	AP4920	100	85	95	110	61	10	45
AP4971	RQT 10-12	AP4900, AP4902, AP4922 AP4930, AP4932	128	110	110	128	78	15	57
AP4972	RQT 15	AP4904, AP4906, AP4934, AP4936	130	115	135	150	98	15	57
AP4973	RQT 17-20	AP4908, AP4910, AP4938, AP4940 AP4912, AP4914, AP4942, AP4944	150	135	135	150	118	15	61
AP4974	RQT 25	AP4916, AP4918, AP4946, AP4948 AP4950, AP4952	190	170	170	190	148	20	78

■ MONOPHASE SPEED REGULATORS

CODE	MODEL	FOR
AP2600	RDV 3-MF	AP4900, AP4902, AP4904, AP4906 AP4908, AP4910, AP4914, AP4918
AP2642	RDV 5-MF	AP4912, AP4916