

CPV

**Centrifugal anti-corrosive single-inlet fans
made from polypropylene.**



Aesthetic and modern design

Fan:

- Polypropylene casing
- Impeller with forward-facing blades made from polypropylene

Motor:

- Motors with IE-2 efficiency, except for motors with lower powers than 0.75 kW, monophase motors or two-speed motors
- Class F motors with ball bearings, IP55 protection
- Three-phase 230/400V.-50Hz. (up to 5.5CV.) and 400/690V.-50Hz. (power over 5.5CV.)
- Max. temperature of air for transport: -20°C.+ 50°C.

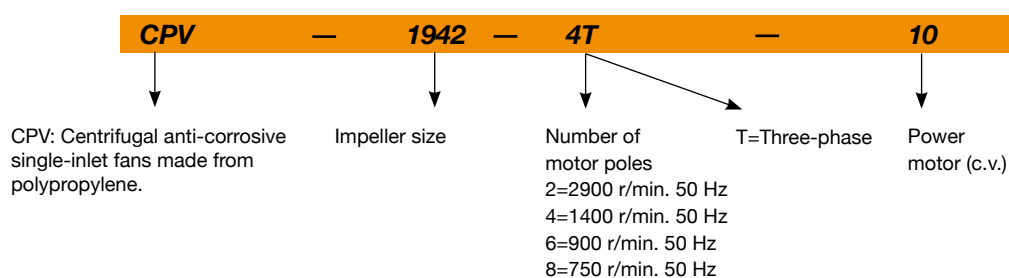
Finish:

- Plastic anticorrosive

On request:

- Special windings for different voltages
- ATEX certification, Category 3

Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed Power (kW)	Maximum Airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		230V	400V	690V				
CPV-815-2T	2810	1.73	1.00		0.37	950	75	14.0
CPV-815-4T	1360	1.32	0.76		0.25	450	58	14.0
CPV-1020-2T	2800	3.00	1.73		0.75	2000	81	19.5
CPV-1020-4T	1360	1.32	0.76		0.25	1250	65	19.5
CPV-1020-6T	880	1.67	0.96		0.25	750	53	19.5
CPV-1325-2T	2850	7.97	4.60		2.20	3250	87	27.0
CPV-1325-4T	1360	1.78	1.03		0.37	2300	69	27.0
CPV-1325-6T	880	1.67	0.96		0.25	1400	59	27.0
CPV-1630-4T	1420	5.98	3.45		1.50	4500	75	34.5
CPV-1630-6T	910	2.80	1.61		0.55	2700	63	34.5
CPV-1840-4T	1420	11.09	6.40		3.00	6000	70	48.0
CPV-1840-6T	900	5.04	2.90		1.10	4200	65	42.0
*CPV-1942-4T-7.5	1450		11.40	6.60	5.50	8500	79	66.0
*CPV-1942-4T-10	1450		15.10	8.70	7.50	10500	84	77.0
*CPV-1942-6T	930	9.32	5.36		2.20	7000	75	49.0
*CPV-1942-8T	710	7.10	4.08		1.50	5500	70	56.0
CPV-2045-4T	1450		15.10	8.70	7.50	10400	78	102.0
CPV-2045-6T	950	12.20	7.00		3.00	7000	72	88.0
*CPV-1030-2T	2900	19.23	11.10		4.00	2900	75	66.0
CPV-1335-2T	2915		14.70	8.50	5.50	4700	84	91.0
CPV-1160-4T	1460		21.50	12.40	11.00	8000	83	243.0
CPV-2060-4T	1460		21.50	12.40	11.00	12000	81	245.0
CPV-2160-4T	1455		28.50	16.50	15.00	15500	77	282.0
*CPV-720-2T	2840	1.82	1.05		0.37	525	75	10.0
*CPV-825-2T	2850	4.33	2.50		1.10	1140	79	17.0
*CPV-930-2T	2880	7.57	4.37		2.20	1750	84	24.0

*Only LG position allowed

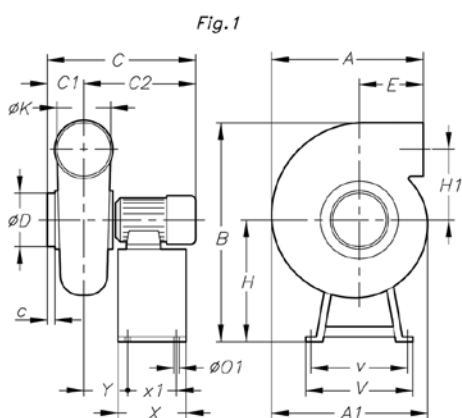
Acoustic features

Sound power $L_w(A)$ spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
815-2	56	69	77	81	81	77	73	65	1942-4-10	80	90	92	95	94	94	92	83
815-4	39	52	60	64	64	60	56	48	1942-6	71	81	83	86	85	85	83	74
1020-2	62	75	83	87	87	83	79	71	1942-8	66	76	78	81	80	80	78	69
1020-4	46	59	67	71	71	67	63	55	2045-4	63	76	84	88	89	85	81	72
1020-6	34	47	55	59	59	55	51	43	2045-6	57	70	78	82	83	79	75	66
1325-2	70	83	91	95	96	92	88	79	1030	58	71	79	83	84	80	76	67
1325-4	52	65	73	77	78	74	70	61	1335	67	80	88	92	93	89	85	76
1325-6	42	55	63	67	68	64	60	51	1160	68	81	89	93	94	90	86	77
1630-4	60	73	81	85	86	82	78	69	2060	66	79	87	91	92	88	84	75
1630-6	48	61	69	73	74	70	66	57	2160	64	77	85	89	89	85	81	73
1840-4	55	68	76	80	81	77	73	64	720	56	69	77	81	81	77	73	65
1840-6	50	63	71	75	76	72	68	59	825	60	73	81	85	85	81	77	69
1942-4-7,5	75	85	87	90	89	89	87	78	930	65	78	86	90	90	86	82	74

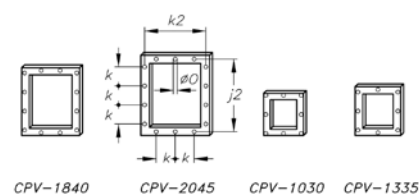
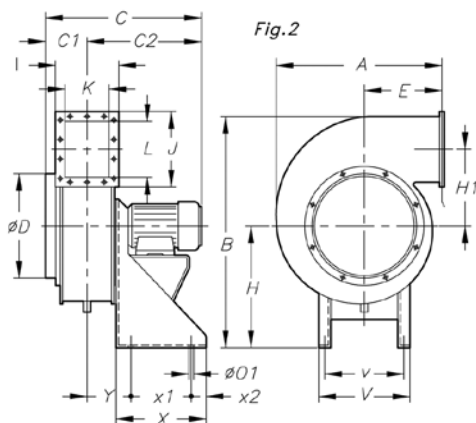
Dimensions in mm

CPV-720...1942



Model	Fig.	A	A1	B	C	C1	C2	c	ØD	E	H	ØK	ØO1	V	v	X	x1	Y
CPV-720	1	375	-	456	350	80	270	45	90	212	281	90	8	355	335	180	160	92
CPV-815	1	303	335	521	371	100	271	30	125	100	281	125	8	355	335	180	160	90
CPV-825	1	445	-	522	433	110	323	55	125	218	290	125	8	355	335	180	160	103
CPV-930	1	540	-	658	477	100	377	40	160	262	370	160	8	400	380	180	160	117
CPV-1020-2T	1	340	397	584	440	116	324	32	160	100	281	160	8	355	335	180	160	121
CPV-1020-2T	1	340	397	584	413	116	297	32	160	100	281	160	8	355	335	180	160	116
CPV-1325-2T	1	413	505	735	487	130	357	35	200	103	370	200	8	400	380	180	160	126
CPV-1325	1	413	505	716	438	130	308	35	200	103	351	200	8	400	380	180	160	127
CPV-1630-4T	1	490	602	888	529	145	384	35	250	117	440	250	8	450	430	240	220	143
CPV-1630-6T	1	490	602	878	495	145	350	35	250	117	430	250	8	450	430	240	220	137
CPV-1942-4T	1	580	750	1170	792	210	642	60	315	130	600	315	8	600	564	350	314	188
CPV-1942-6T	1	580	750	1150	724	210	574	60	315	130	580	315	8	600	564	350	314	188
CPV-1942-8T	1	580	750	1150	724	210	574	60	315	130	580	315	8	600	564	350	314	188

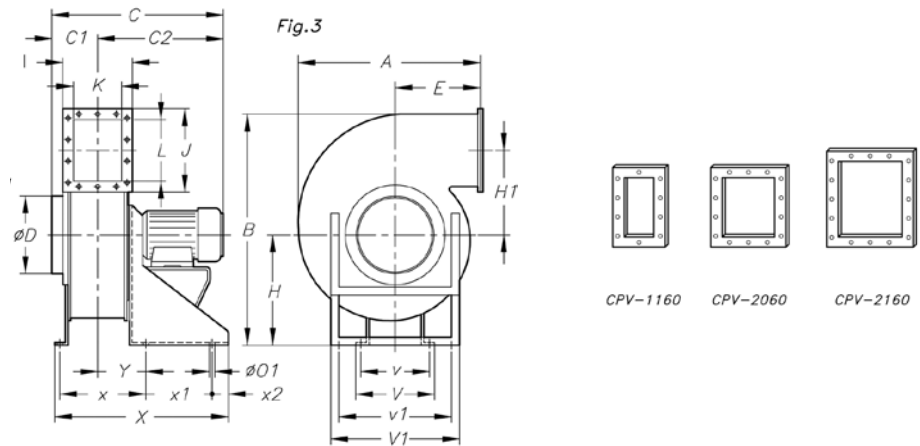
CPV-1030...0.2045



Model	Fig.	A	B	C	C1	C2	ØD	E	H	I	J	J2	ØK	k	k2	L	ØO	ØO1	V	v	X	x1	x2	Y
CPV-1030	2	494	698	-	155	-	200	225	410	210	221	200	140	100	186	155	9	12	260	234	-	175	50	130
CPV-1335	2	566	788	-	175	-	225	255	452	240	256	226	160	100	210	180	9	12	320	285	-	200	50	140
CPV-1840-4T	2	631	819	660	210	450	355	275	420	305	356	326	225	100	275	280	9	12	320	285	300	200	50	170
CPV-1840-6T	2	631	809	630	210	420	355	275	410	305	356	326	225	100	275	280	9	12	320	285	300	200	50	170
CPV-2045	2	736	1020	810	245	565	400	310	542	362	421	381	270	100	322	335	9	12	350	315	350	250	50	195

Dimensions in mm

CPV-1160..0.2160



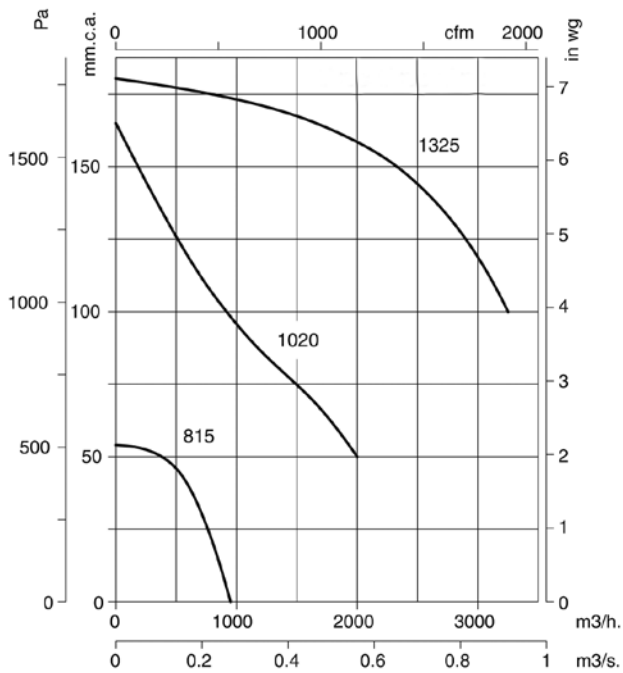
Model	Fig.	A	B	C1	ØD	E	H	I	J	J2	ØK	k	k2	L	Ø0	Ø01	V	V1	v	v1	X	x	x1	x2	Y
CPV-1160	3	937	1276	210	350	410	700	275	416	366	155	100	225	310	9	14	500	790	450	670	710	265	360	60	155
CPV-2060	3	937	1276	270	400	410	700	395	416	366	275	100	345	310	9	14	500	790	450	670	830	385	360	60	215
CPV-2160	3	981	1336	285	600	414	700	455	501	451	335	100	405	395	9	14	500	790	450	670	890	445	360	60	240

Characteristic curves

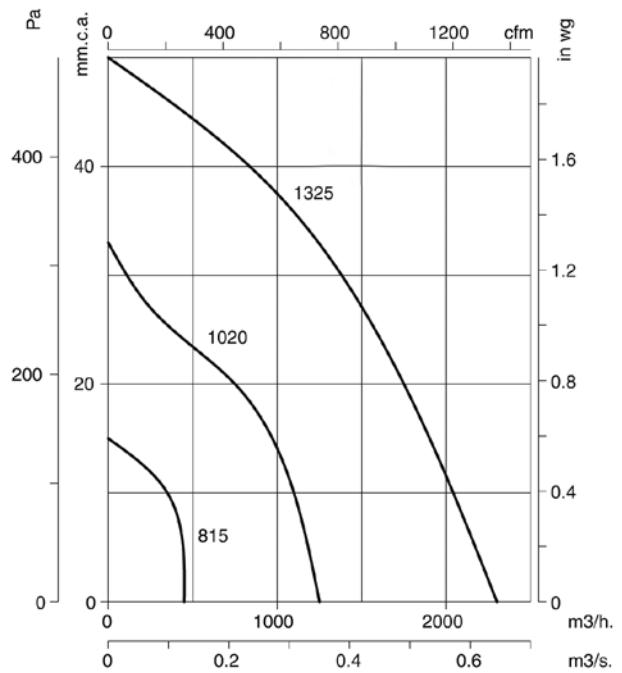
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and in wg.

2T=3000 r/min.



4T=1500 r/min.

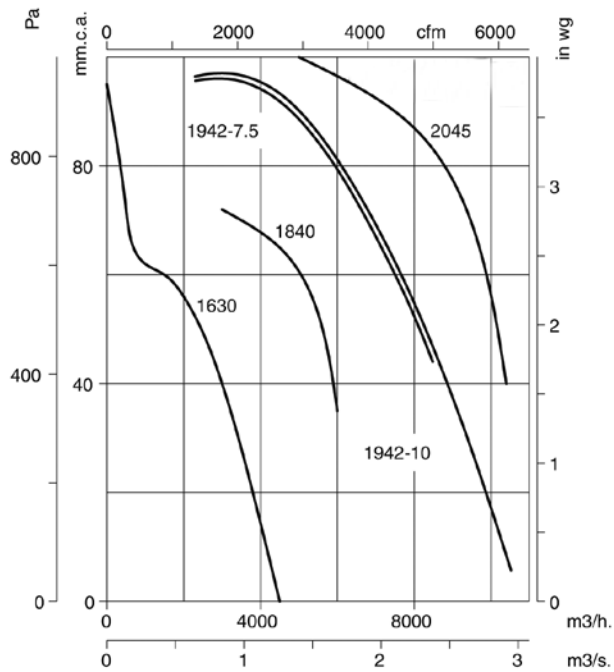


Characteristic curves

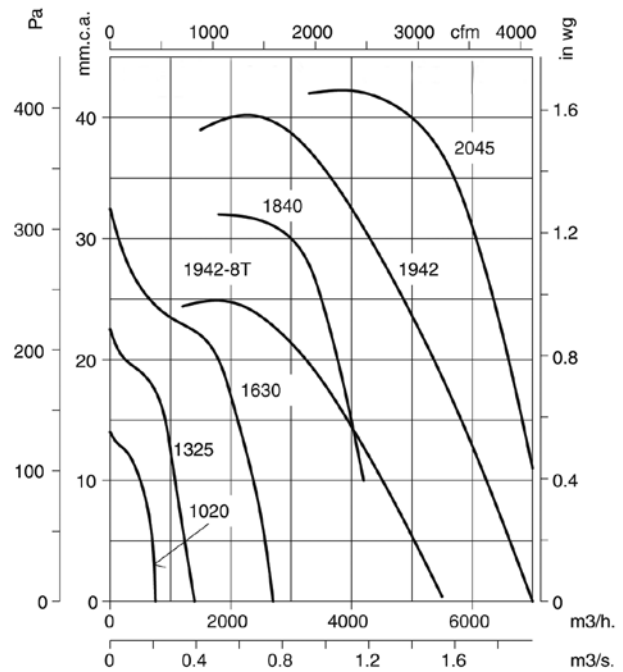
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and in wg.

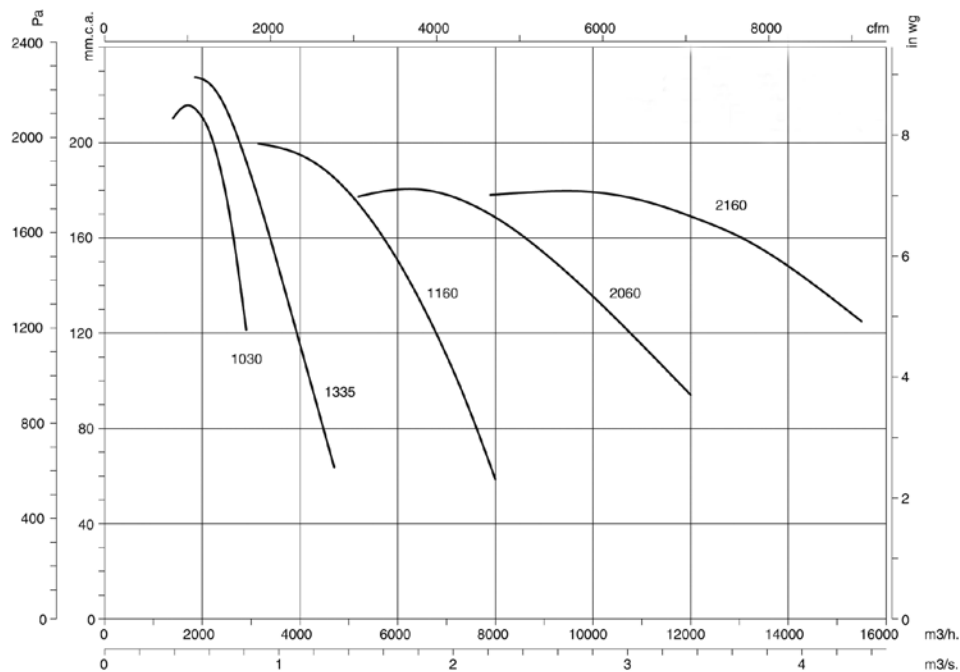
4T=1500 r/min.



6T=1000 r/min. 8T=750 r/min



2T=3000 r/min. 4T=1500 r/min

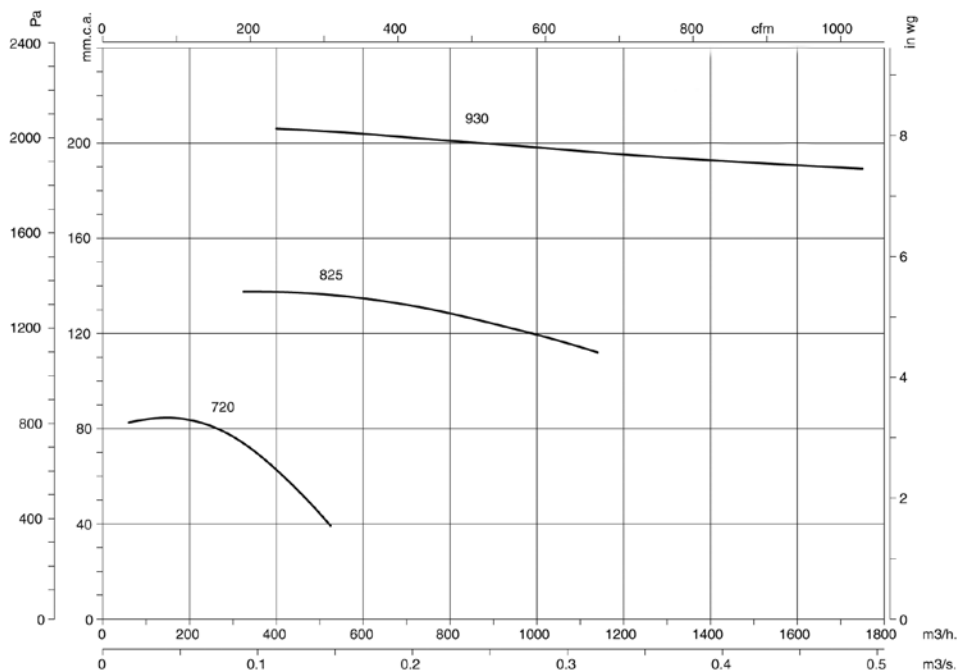


Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe= Static pressure in mm.w.c., Pa and in wg.

2T=3000 r/min.



Positions

LG 90 standard supply



Accessories

See the accessories section.

