

# CPV

## Centrifugal anti-corrosive single-inlet fans made from polypropylene



Aesthetic and modern design

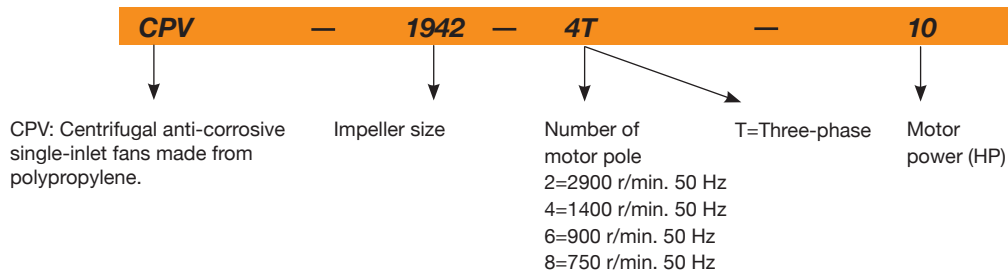
- Fan:
- Polypropylene casing
  - Impeller with forward-facing blades made from polypropylene

- Motor:
- IE2 efficiency motors for capacities equal to or over 0.75kW and below 7.5kW, except single-phase, 2 speed and 8 pole motors.
  - IE3 efficiency for 7.5kW and larger motors. Except single-phase, 2 speed and 8 pole motors
  - Clas F insulation, IP55
  - Three phase, 50Hz, 230/400V motors up to and including 4kW. 400/690V over 4kW
  - Max. air temperature to transport: -20°C.+ 70°C.

- Finish:
- Plastic anticorrosive

- On request:
- Special windings for different electrical supplies
  - ATEX certification, Category 3
  - IE2 and IE3 efficiency motors assembled on any unit

### 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	2710	1.92	1.11		0.37	950	75	14.0
CPV-815-4T	1350	1.52	0.88		0.25	450	58	14.0
CPV-1020-2T	2770	2.78	1.60		0.75	2000	81	19.5
CPV-1020-4T	1350	1.52	0.88		0.25	1250	65	19.5
CPV-1020-6T	900	1.51	0.87		0.25	750	53	19.5
CPV-1325-2T	2885	7.77	4.47		2.20	3250	87	27.0
CPV-1325-4T	1370	2.02	1.17		0.37	2300	69	27.0
CPV-1325-6T	900	1.51	0.87		0.25	1400	59	27.0
CPV-1630-4T	1430	5.96	3.44		1.50	4500	75	34.5
CPV-1630-6T	900	2.99	1.73		0.55	2700	63	34.5
CPV-1840-4T	1445	10.96	6.33		3.00	6000	70	48.0
CPV-1840-6T	945	4.88	2.82		1.10	4200	65	42.0
*CPV-1942-4T-7.5	1440		11.60	6.72	5.50	8500	79	66.0
*CPV-1942-4T-10 IE3	1465		13.90	8.06	7.50	10500	84	93.0
*CPV-1942-6T	955	9.30	5.30		2.20	7000	75	49.0
*CPV-1942-8T	705	7.10	4.10		1.50	5500	70	56.0
CPV-2045-4T IE3	1465		13.90	8.06	7.50	10400	78	118.0
CPV-2045-6T	960	12.70	7.30		3.00	7000	72	88.0
CPV-1335-2T	2880		10.50	6.09	5.50	4700	84	91.0
CPV-1160-4T IE3	1470		20.90	12.10	11.00	8000	83	268.0
CPV-2060-4T IE3	1470		20.90	12.10	11.00	12000	81	270.0
CPV-2160-4T IE3	1465		27.90	16.20	15.00	15500	77	299.0
*CPV-720-2T	2710	1.92	1.11		0.37	525	75	10.0
*CPV-825-2T	2860	4.20	2.40		1.10	1140	79	17.0
*CPV-930-2T	2885	7.77	4.47		2.20	1750	84	24.0

\*Only LG position allowed

**Acoustic features**

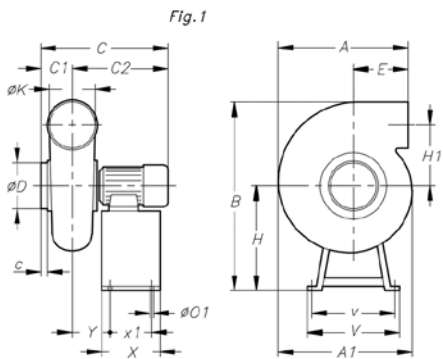
The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the turbine's diameter, with a minimum of 1.5 m.

Sound power Lw(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	89	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

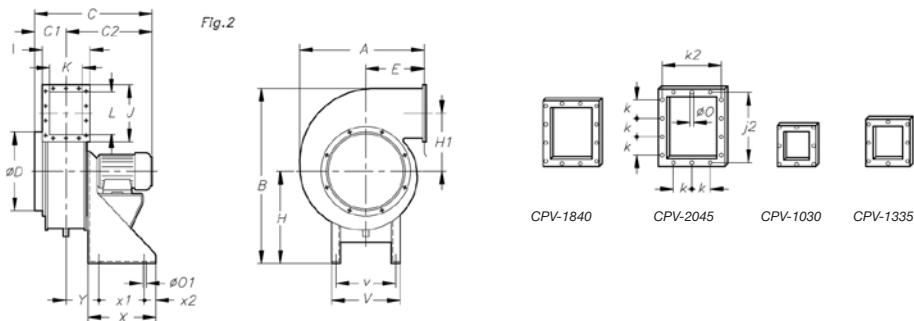
**Dimensions in mm**

**CPV-720...1942**



Model	Fig.	A	A1	B	C	C1	C2	c	øD	E	H	H1	øK	øO1	V	v	X	x1	Y
CPV-720	1	375	-	486	350	80	270	45	90	212	311	130	90	6	340	320	180	160	92
CPV-815	1	307	335	521	360	100	260	30	125	100	281	177.5	125	8	355	335	180	160	90
CPV-825	1	445	-	552	433	110	323	55	125	218	320	170	125	6	340	320	180	160	103
CPV-930	1	540	-	678	477	100	377	40	160	262	390	205	160	6	420	400	240	160	137
CPV-1020-2T	1	340	397	593	445.5	116	329.5	32	160	100	290	223	160	8	355	335	180	160	127.5
CPV-1020-4/6T	1	340	397	584	422.5	116	306.5	32	160	100	281	223	160	8	355	335	180	160	122.5
CPV-1325-2T	1	413	505	735	494	130	364	35	200	103	370	265	200	8	400	380	180	160	125
CPV-1325-4/6T	1	413	505	716	432.5	130	302.5	35	200	103	351	265	200	8	400	380	180	160	113.5
CPV-1630-4T	1	480	602	890	536.5	145	391.5	35	250	117	440	323	250	8	450	430	240	220	142.5
CPV-1630-6T	1	480	602	880	503	145	358	35	250	117	430	323	250	8	450	430	240	220	138
CPV-1942-4T	1	580	750	1170	730.5	210	520.5	60	315	130	600	412.5	315	8	600	564	350	314	181.5
CPV-1942-6/8T	1	580	750	1150	679.5	210	469.5	60	315	130	580	412.5	315	8	600	564	350	314	204

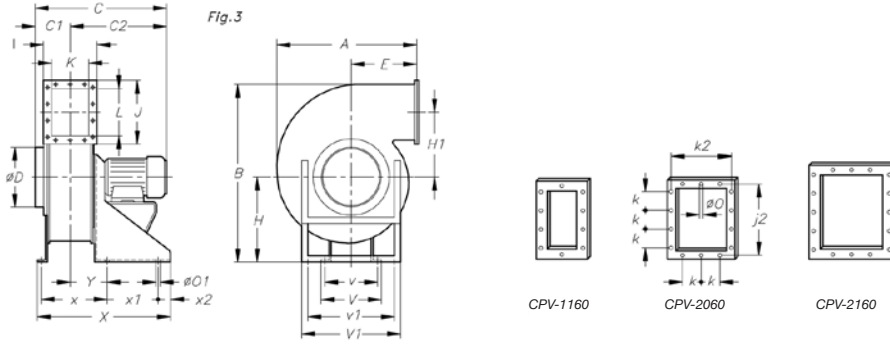
**CPV-1030...2045**



Model	Fig.	A	B	C	C1	C2	øD	E	H	H1	I	J	J2	øK	k	k2	L	øO	øO1	V	v	X	x1	x2	Y
CPV-1335	2	566	788	-	175	-	225	255	452	246	240	256	226	160	100	210	180	9	12	320	285	-	200	50	140
CPV-1840-4T	2	628	819	660	210	450	355	275	420	259	305	356	326	225	100	275	280	9	12	320	285	300	200	50	170
CPV-1840-6T	2	628	809	630	210	420	355	275	410	259	305	356	326	225	100	275	280	9	12	320	285	300	200	50	170
CPV-2045	2	724	1020	810	245	565	400	300	542	310	362	421	381	270	100	322	335	9	12	350	315	350	250	50	197

Dimensions in mm

CPV-1160...2160



Model	Fig.	A	B	C	C1	C2	øD	E	H	H1	I	J	J2	øK	k	k2	L	øO	øO1	V	V1	v	v1	X	x	x1	x2	Y
CPV-1160	3	937	1296	-	210	-	355	410	720	421	275	416	366	155	100	225	310	9	14	500	790	450	670	710	265	360	60	155
CPV-2060	3	937	1296	-	270	-	400	410	720	421	395	416	366	275	100	345	310	9	14	500	790	450	670	855	410	360	60	215
CPV-2160	3	981	1356	-	285	-	600	414	720	438.5	455	501	451	335	100	405	395	9	14	500	790	450	670	915	470	360	60	240

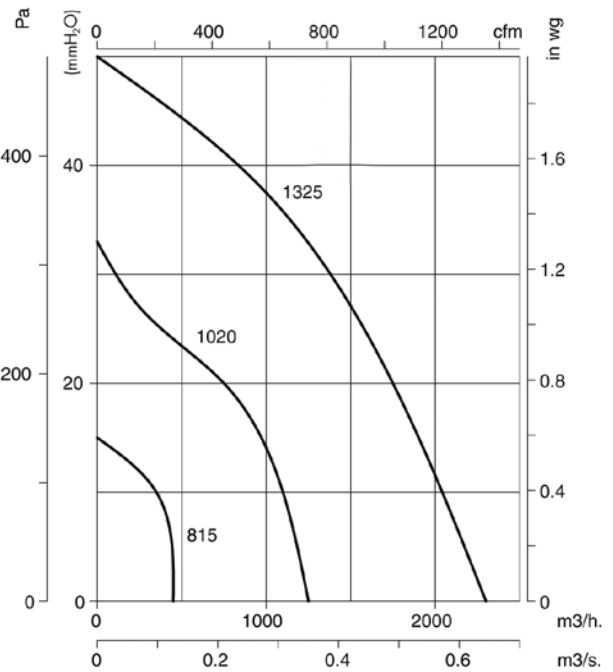
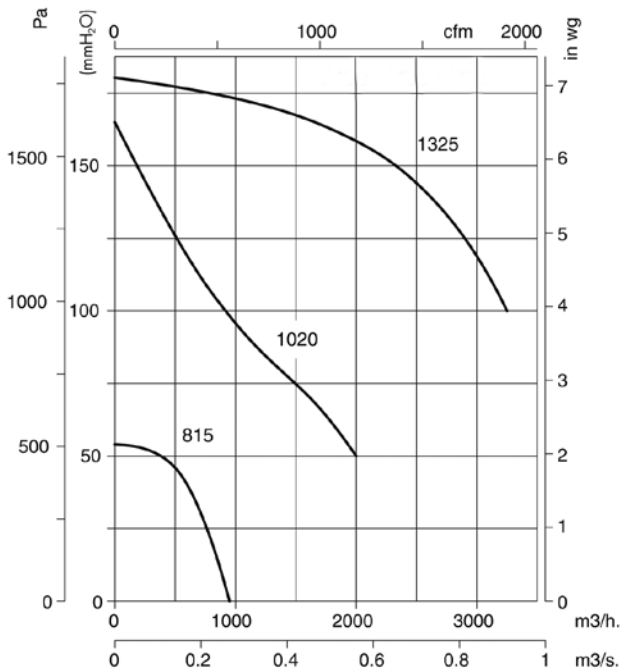
Characteristic curves

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe = Static pressure in mmH<sub>2</sub>O, Pa and inwg.

2T=3000 r/min

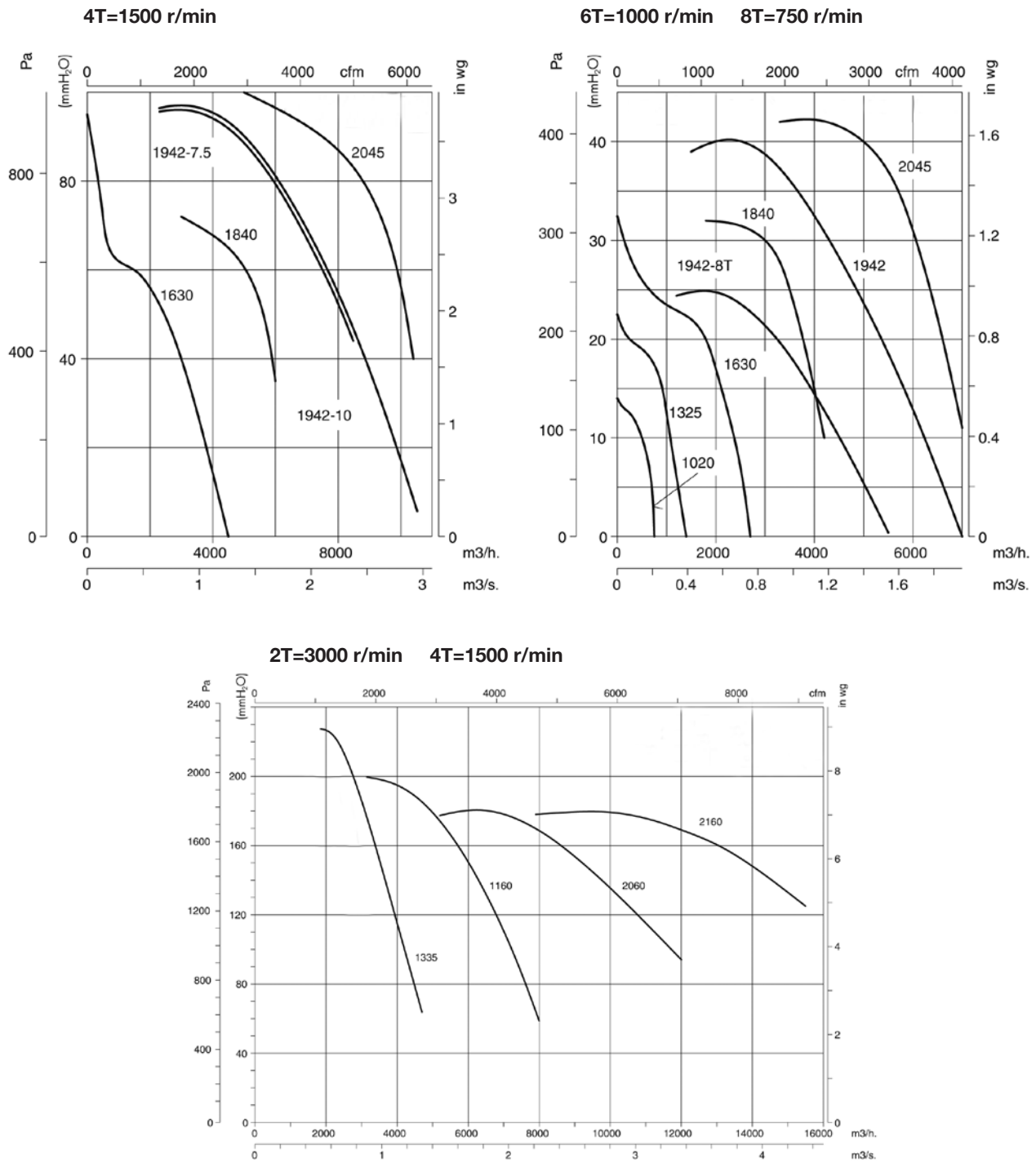
4T=1500 r/min



**Characteristic curves**

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

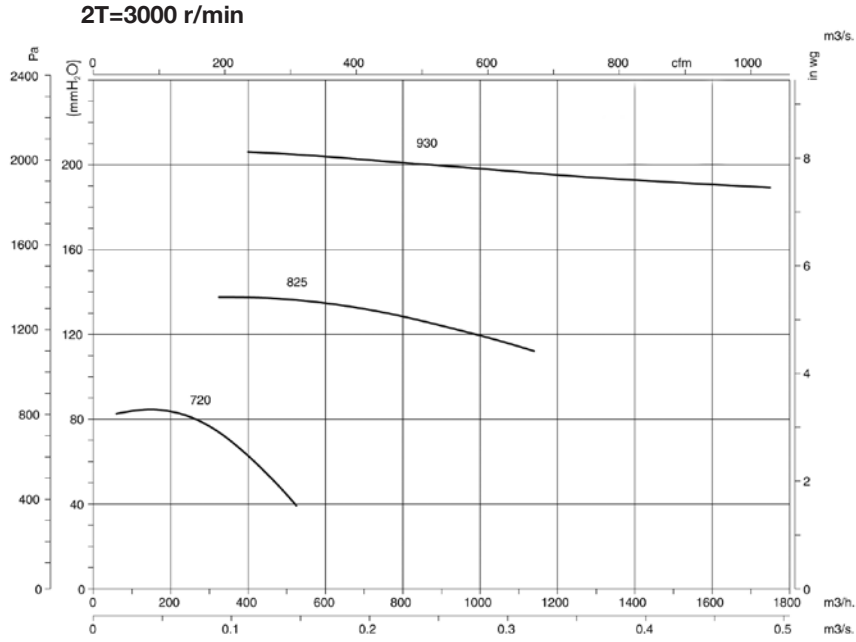
Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.



**Characteristic curves**

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.



**Positions**

LG 90 standard supply



**Accessories**

See accessories section.

