



Fan 3692P C 400-415V 50Hz

34302110

**Images****34302110****Technical data**

Voltage:	<b>400 – 415</b>	[ $\Delta$ V ac] +/-10%
Phase:	<b>3</b>	
Frequency:	<b>50</b>	[Hz]
Max. current:	<b>3,92</b>	[A]
Current (at 50 Pa and 50Hz):	<b>3,64</b>	[A]
Input power (at 50 Pa and 50Hz):	<b>1850</b>	[W]
Shaft power (at 50 Pa and 50Hz):	<b>1332</b>	[W]
Max. input power:	<b>2041</b>	[W]
Max. air volume:	<b>28080</b>	[m <sup>3</sup> /h]
Max. pressure:	<b>167</b>	[pa]
Max. rotations:	<b>937</b>	[RPM]
Poles:	<b>6</b>	
Cos phi:	<b>0,74</b>	
Controllable:	<b>F</b>	Frequency
Insulation class:	<b>F</b>	
Protection class:	<b>IP 66</b>	
Sound production (calculated):	<b>71 (60)</b>	[dB(A)]
Impeller:	<b>902 / 9 / 35 / 22</b>	D / n / ° / shaft diameter
Weight 34302110 (excl. pack.):	<b>43,5 / 95,9</b>	[Kg] / [lbs]

- Air density 1,2 kg/m<sup>3</sup>, 1 Pa (Pascal) = 1N/m<sup>2</sup> ~ 0,102 mm wk. (20°C).
- Sound production is calculated at 0 Pa and at a distance of 2 meter (the value between brackets is calculated at a distance of 7 meter).
- Measurement without protection grid.
- According to AMCA 210 / ISO 5801.
- Images may differ slightly from reality.

**Conformity****ErP 2015****Data according to ErP directive**

Overall efficiency:	<b>36,7</b> [%]
Measurement category:	<b>C</b>
Efficiency category:	<b>Static</b>
Efficiency grade (N) at optimum energy efficiency	<b>41,2</b>
Variable speed drive VSD:	<b>No</b>
Year of manufacture:	<b>See typelabel</b>
Commercial registration number:	<b>Fancom B.V. 12015669 Panningen (NL)</b>
Model number:	<b>3692P 50Hz</b>
Input power at optimum energy efficiency point:	<b>2018</b> [W]
Air volume at optimum energy efficiency point:	<b>17820</b> [m <sup>3</sup> /h]
Pressure at optimum energy efficiency point:	<b>150</b> [pa]
Rotations at optimum energy efficiency point:	<b>918</b> [RPM]
Compressibility factor:	<b>0,9987</b>
Information on dismantling, recycling and disposal:	<b>Observe the manual of this product</b>
Information about environment and optimal live:	<b>Observe the manual of this product</b>
Description of additional items used when determining the fan energy efficiency:	<b>No special items have been used</b>

**Ambient climate**

Operating temperature range:	0°C to +40°C (32°F to +104°F)
Storage temperature range:	-10°C to +50°C (14°F to +122°F)
Relative humidity:	<95%, uncondensed

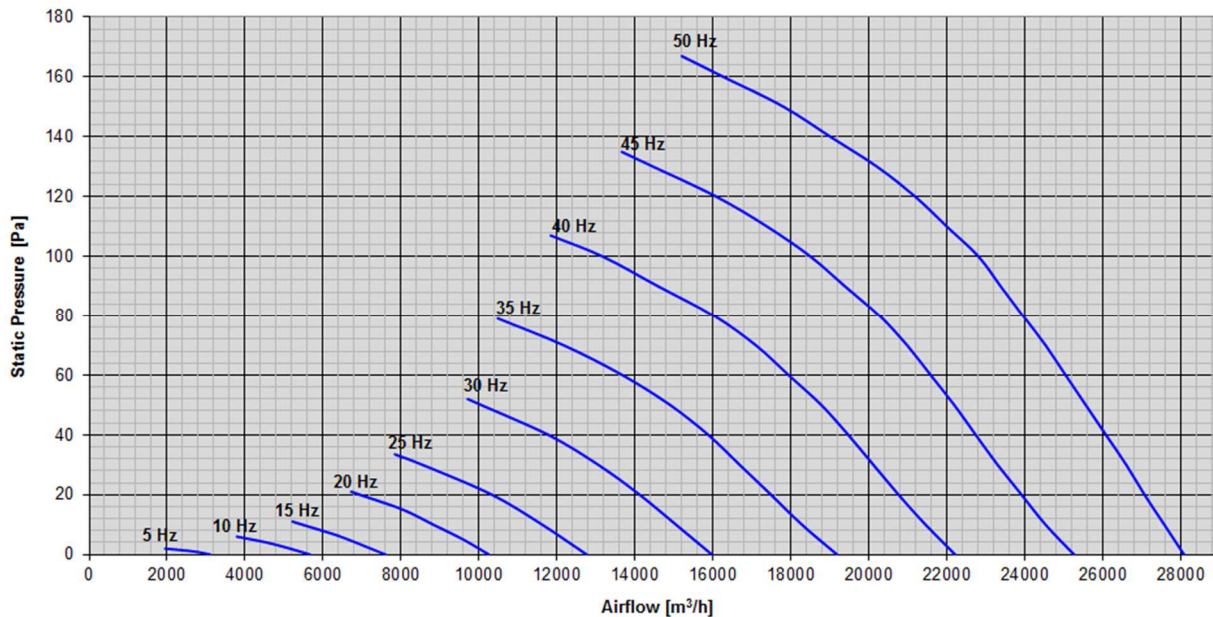


## Specifications Fan 3692P 50Hz

Frequentie Frequency	Druk Pressure	Debiet Airflow	Toerental Rotations	Vermogen Power	Stroom Current	Luchtsnel. Airspeed	Tot. Rendement Tot. Efficiency	Spec. Verm. Spec. Power
F	p	V	RPM	P	I	v	$\eta_{tot}$	$P_{spec}$
[Hz]	[Pa]	[m <sup>3</sup> /h] [m <sup>3</sup> /s]	[1/min]	[W]	[A]	[m/s]	[% at 20°C]	[W/1000m <sup>3</sup> /h]
50Hz	0	28080 7.80	937	1678	3.42	11.7	38.4	59.8
	10	27575 7.66	936	1709	3.46	11.5	40.2	62.0
	20	27070 7.52	935	1740	3.49	11.3	41.8	64.3
	30	26600 7.39	933	1775	3.54	11.1	43.3	66.7
	40	26080 7.24	931	1813	3.59	10.9	44.5	69.5
	50	25560 7.10	929	1850	3.64	10.7	45.5	72.4
	60	25045 6.96	927	1887	3.69	10.5	46.4	75.3
	70	24530 6.81	925	1923	3.74	10.3	47.1	78.4
	80	23950 6.65	923	1956	3.79	10.0	47.6	81.7
	90	23380 6.49	921	1983	3.83	9.8	48.2	84.8
	100	22810 6.34	919	2009	3.86	9.5	48.7	88.1
	110	22000 6.11	918	2024	3.89	9.2	48.5	92.0
	120	21190 5.89	917	2038	3.91	8.9	48.2	96.2
	130	20210 5.61	917	2041	3.92	8.4	47.5	101.0
	140	19015 5.28	918	2030	3.91	7.9	46.3	106.7
	150	17820 4.95	918	2018	3.90	7.4	45.0	113.2
	160	16279 4.52	920	1984	3.86	6.8	42.8	121.9
167	15200 4.22	922	1960	3.84	6.4	41.2	128.9	
45Hz	0	25260 7.02	850	1266	3.02	10.6	37.0	50.1
	10	24530 6.81	849	1292	3.06	10.3	38.5	52.7
	20	23915 6.64	847	1325	3.12	10.0	40.1	55.4
	30	23300 6.47	845	1357	3.17	9.7	41.4	58.2
	40	22740 6.32	842	1392	3.23	9.5	42.7	61.2
	50	22190 6.16	840	1426	3.29	9.3	43.9	64.3
	60	21585 6.00	838	1457	3.34	9.0	44.8	67.5
	70	20980 5.83	835	1488	3.39	8.8	45.5	70.9
	80	20270 5.63	833	1513	3.44	8.5	45.8	74.6
	90	19385 5.38	832	1528	3.47	8.1	45.6	78.8
	100	18500 5.14	831	1542	3.49	7.7	45.3	83.4
	110	17390 4.83	831	1544	3.49	7.3	44.3	88.8
	120	16090 4.47	832	1535	3.48	6.7	42.8	95.4
	130	14470 4.02	834	1509	3.43	6.0	40.5	104.3
	135	13660 3.79	835	1496	3.41	5.7	39.2	109.5
40Hz	0	22210 6.17	754	904	2.64	9.3	35.3	40.7
	10	21450 5.96	752	929	2.69	9.0	37.3	43.3
	20	20760 5.77	750	958	2.76	8.7	39.2	46.1
	30	20115 5.59	747	988	2.83	8.4	40.9	49.1
	40	19470 5.41	744	1018	2.89	8.1	42.3	52.3
	50	18780 5.22	742	1045	2.95	7.8	43.4	55.6
	60	17940 4.98	740	1066	3.00	7.5	43.8	59.4
	70	17100 4.75	737	1086	3.04	7.1	44.0	63.5
	80	16020 4.45	736	1094	3.05	6.7	43.5	68.3
	90	14595 4.05	737	1087	3.04	6.1	41.9	74.4
	100	13170 3.66	737	1079	3.02	5.5	40.1	81.9
	107	11840 3.29	739	1060	2.98	4.9	37.8	89.5
	35Hz	0	19180 5.33	654	613	2.29	8.0	33.5
10		18280 5.08	652	635	2.35	7.6	36.0	34.7
20		17490 4.86	649	660	2.42	7.3	38.3	37.7
30		16685 4.63	646	685	2.50	7.0	40.0	41.1
40		15880 4.41	642	710	2.57	6.6	41.3	44.7
50		14900 4.14	639	727	2.62	6.2	41.7	48.8
60		13680 3.80	637	735	2.65	5.7	41.2	53.7
70		12170 3.38	638	730	2.63	5.1	39.6	60.0
79		10480 2.91	641	712	2.58	4.4	37.0	67.9
30Hz	0	15970 4.44	554	387	1.93	6.7	30.6	24.2
	10	15050 4.18	550	410	2.02	6.3	34.4	27.2
	20	14120 3.92	545	433	2.11	5.9	37.0	30.7
	30	13060 3.63	540	451	2.18	5.5	38.5	34.5
	40	11780 3.27	538	461	2.23	4.9	38.7	39.1
	50	10055 2.79	538	457	2.21	4.2	37.0	45.4
	52	9710 2.70	538	456	2.2	4.1	36.6	47.0
25Hz	0	12760 3.54	449	226	1.59	5.3	26.8	17.7
	10	11620 3.23	442	245	1.71	4.9	31.8	21.1
	20	10330 2.87	435	262	1.81	4.3	34.1	25.4
	30	8551 2.38	434	263	1.82	3.6	34.1	30.7
	34	7840 2.18	434	263	1.82	3.3	33.1	33.5
20Hz	0	10250 2.85	366	133	1.26	4.3	23.6	13.0
	5	9600 2.67	362	141	1.32	4.0	27.7	14.7
	10	8825 2.45	359	148	1.37	3.7	30.2	16.7
	15	8050 2.24	356	154	1.41	3.4	31.6	19.1
	20	6942 1.93	355	155	1.41	2.9	31.2	22.3
	21	6720 1.87	355	155	1.41	2.8	31.0	23.1
15Hz	0	7600 2.11	275	68	0.97	3.2	18.8	8.9
	5	6650 1.85	270	75	1.03	2.8	23.7	11.3
	7	6220 1.73	268	77	1.04	2.6	24.8	12.4
	10	5470 1.52	267	78	1.05	2.3	25.7	14.2
	11	5220 1.45	267	78	1.05	2.2	25.8	14.9
10Hz	0	5660 1.57	189	30	0.76	2.4	17.6	5.3
	2	5150 1.43	187	31	0.77	2.2	22.1	6.0
	4	4560 1.27	186	32	0.78	1.9	24.5	7.0
	6	3790 1.05	185	33	0.78	1.6	23.9	8.7
5Hz	0	3100 0.86	96	26	1.05	1.3	3.3	8.4
	1	2700 0.75	96	27	1.04	1.1	4.9	10.0
	2	1950 0.54	96	26	1.03	0.8	5.0	13.3



### Fan characteristic



### Specific power

