



Fan 1692 C 200-240V 50Hz

34302004

Images**34302004****Technical data**

Voltage:	200 – 240	[V ac] +/-10%
Phase:	1	
Frequency:	50	[Hz]
Max. current:	5,6	[A]
Current (at 50 Pa and 240V):	4,54	[A]
Input power (at 50 Pa and 240V):	1058	[W]
Shaft power (at 50 Pa and 240V):	719	[W]
Max. input power:	1085	[W]
Max. air volume:	24400	[m ³ /h]
Max. pressure:	103	[pa]
Max. rotations:	920	[RPM]
Capacitor:	16+16	[μF]
Poles:	6	
Cos phi:	0,98	
Controllable:	T,E	Trafo, Electronic
Insulation class:	F	
Protection class:	IP 66	
Sound production (calculated):	68 (57)	[dB(A)]
Impeller:	902 / 5 / 35 / 22	D / n / ° / shaft diameter
Weight 34302004 (excl. pack.):	42,7 / 93,9	[Kg] / [lbs]

- Air density 1,2 kg/m³, 1 Pa (Pascal) = 1N/m² ~ 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.
- Measurement performed with electronic control.
- According to AMCA 210 / ISO 5801.
- Images may differ slightly from reality.

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

Overall efficiency:	34,9 [%]
Measurement category:	C
Efficiency category:	Static
Efficiency grade (N) at optimum energy efficiency	41,0
Variable speed drive VSD:	No
Year of manufacture:	See typelabel
Commercial registration number:	Fancom B.V. 12015669 Panningen (NL)
Model number:	1692 50Hz
Input power at optimum energy efficiency point:	1080 [W]
Air volume at optimum energy efficiency point:	13767 [m ³ /h]
Pressure at optimum energy efficiency point:	100 [pa]
Rotations at optimum energy efficiency point:	903 [RPM]
Compressibility factor:	0,9857
Information on dismantling, recycling and disposal:	Observe the manual of this product
Information about environment and optimal live:	Observe the manual of this product
Description of additional items used when determining the fan energy efficiency:	No special items have been used

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

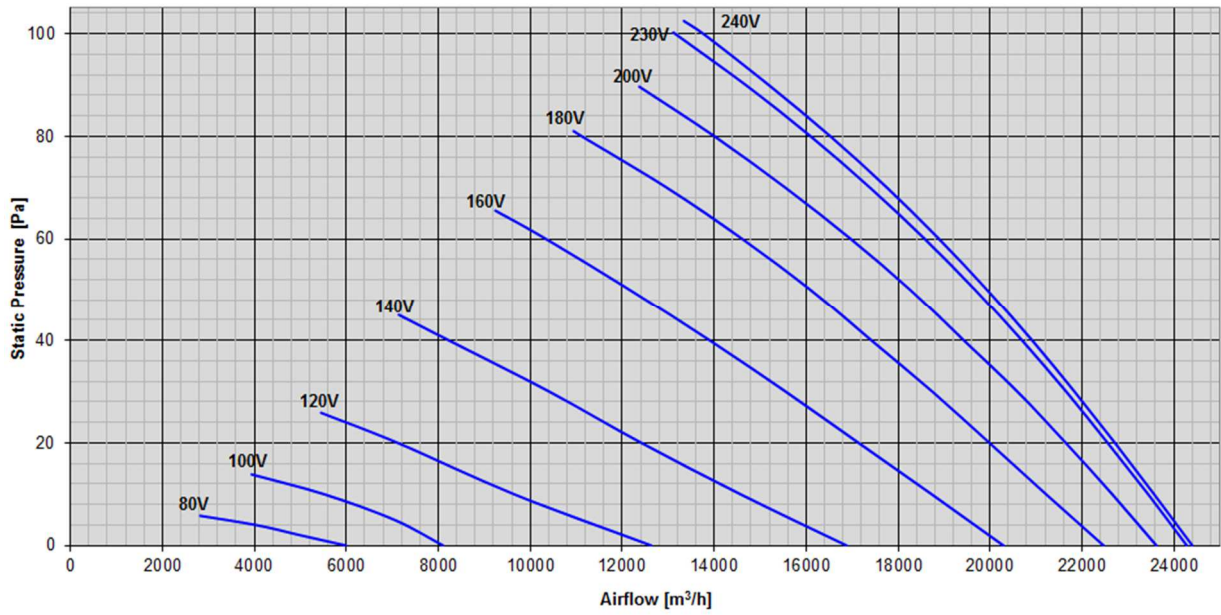


Specifications Fan 1692 50Hz

Spanning Voltage	Druk Pressure	Debiet Airflow	Toerental Rotations	Vermogen Power	Stroom Current	Luchtsnel. Airspeed	Tot. Rendement Tot. Efficiency	Spec. Verm. Spec. Power	
U	p	----- V -----	RPM	P	I	v	η_{tot}	P_{spec}	
[V]	[Pa]	[m ³ /h] [m ³ /s]	[1/min]	[W]	[A]	[m/s]	[% at 20°C]	[W/1000m ³ /h]	
240	0	24400	6.78	920	955	4.14	10.2	44.3	39.1
	10	23570	6.55	917	980	4.23	9.8	45.6	41.6
	20	22720	6.31	914	1003	4.32	9.5	46.6	44.1
	30	21840	6.07	910	1024	4.41	9.1	47.4	46.9
	40	20920	5.81	907	1042	4.48	8.7	47.9	49.8
	50	19940	5.54	905	1058	4.54	8.3	48.0	53.1
	60	18890	5.25	902	1070	4.59	7.9	47.8	56.6
	70	17760	4.93	901	1079	4.62	7.4	47.1	60.8
	80	16530	4.59	900	1084	4.64	6.9	46.0	65.6
	90	15190	4.22	901	1085	4.64	6.3	44.4	71.4
	100	13767	3.82	903	1080	4.61	5.8	42.4	78.5
103	13340	3.71	903	1079	4.60	5.6	41.6	80.9	
230	0	24280	6.74	913	929	4.26	10.1	44.8	38.3
	10	23440	6.51	909	953	4.38	9.8	46.2	40.7
	20	22560	6.27	905	975	4.47	9.4	47.1	43.2
	30	21660	6.02	901	995	4.55	9.1	47.9	45.9
	40	20700	5.75	898	1013	4.62	8.6	48.2	48.9
	50	19680	5.47	895	1027	4.67	8.2	48.2	52.2
	60	18580	5.16	893	1039	4.72	7.8	47.8	55.9
	70	17390	4.83	891	1046	4.75	7.3	47.0	60.1
	80	16100	4.47	890	1050	4.78	6.7	45.6	65.2
	90	14690	4.08	891	1050	4.80	6.1	43.8	71.5
	100	13110	3.64	892	1046	4.82	5.5	41.2	79.8
200	0	23620	6.56	877	848	4.73	9.9	45.2	35.9
	10	22660	6.29	872	876	4.85	9.5	45.8	38.7
	20	21650	6.01	866	901	4.96	9.0	46.1	41.6
	30	20600	5.72	859	921	5.06	8.6	46.3	44.7
	40	19435	5.40	854	936	5.13	8.1	45.9	48.1
	50	18270	5.08	849	950	5.20	7.6	45.4	52.0
	60	16970	4.71	845	958	5.25	7.1	44.4	56.5
	70	15550	4.32	844	962	5.27	6.5	42.8	61.9
	80	14010	3.89	846	960	5.27	5.9	40.8	68.5
	90	12370	3.44	850	955	5.24	5.2	38.0	77.2
180	0	22470	6.24	840	794	4.96	9.4	41.6	35.3
	10	21220	5.89	828	818	5.10	8.9	41.2	38.5
	20	19990	5.55	816	840	5.23	8.4	40.9	42.0
	30	18750	5.21	806	858	5.33	7.8	40.6	45.8
	40	17425	4.84	800	870	5.40	7.3	40.0	49.9
	50	16100	4.47	793	881	5.46	6.7	39.2	54.7
	60	14610	4.06	792	885	5.47	6.1	37.8	60.6
	70	12970	3.60	794	881	5.45	5.4	35.8	67.9
	80	11125	3.09	802	870	5.38	4.6	33.0	78.2
	81	10940	3.04	803	869	5.37	4.6	32.7	79.4
160	0	20290	5.64	771	721	5.15	8.5	33.7	35.5
	10	18730	5.20	748	744	5.31	7.8	32.7	39.7
	20	17145	4.76	731	759	5.42	7.2	31.9	44.3
	30	15560	4.32	713	774	5.53	6.5	30.9	49.7
	40	13910	3.86	703	781	5.58	5.8	29.8	56.1
	50	12170	3.38	702	783	5.60	5.1	28.3	64.3
	60	10339	2.87	713	779	5.58	4.3	26.2	75.4
	66	9240	2.57	720	777	5.57	3.9	24.6	84.1
140	0	16880	4.69	656	611	5.15	7.1	22.9	36.2
	10	14573	4.05	615	625	5.30	6.1	20.9	42.9
	20	12420	3.45	587	634	5.39	5.2	19.7	51.1
	30	10420	2.89	574	639	5.42	4.4	18.7	61.3
	40	8233	2.29	587	640	5.42	3.4	16.8	77.8
	45	7140	1.98	594	641	5.42	3.0	15.6	89.8
120	0	12630	3.51	504	476	4.88	5.3	12.3	37.7
	10	9650	2.68	450	475	4.93	4.0	11.1	49.2
	20	7120	1.98	443	479	4.96	3.0	10.5	67.3
	26	5450	1.51	458	482	4.97	2.3	9.1	88.4
100	0	8100	2.25	344	282	3.98	3.4	5.5	34.8
	5	7050	1.96	318	300	4.12	2.9	6.7	42.6
	10	5520	1.53	314	312	4.20	2.3	6.5	56.5
	14	3940	1.09	325	317	4.23	1.6	5.3	80.5
80	0	5990	1.66	233	181	3.31	2.5	3.5	30.2
	2	5000	1.39	217	183	3.32	2.1	3.5	36.6
	4	4040	1.12	211	186	3.35	1.7	3.4	46.0
	6	2820	0.78	210	183	3.32	1.2	2.8	64.9



Fan characteristic



Specific power

