Fan 1450 C 200-240V 50Hz	**34300104**
Fan 1450 M 200-240V 50Hz	**34325104**
Fan 1450 G 200-240V 50Hz	**34325144**

Images

34300104

34325104

34325144

Technical data

Voltage:	**200 – 240**	[V ac] +/-10%
Phase:	**1**	
Frequency:	**50**	[Hz]
Max. current:	**2,55**	[A]
Current (at 50 Pa and 240V):	**2,08**	[A]
Input power (at 50 Pa and 240V):	**474**	[W]
Shaft power (at 50 Pa and 240V):	**289**	[W]
Max. input power:	**486**	[W]
Max. air volume:	**8550**	[m^3/h]
Max. pressure:	**102**	[pa]
Max. rotations:	**1337**	[RPM]
Capacitor:	**10**	[µF]
Poles:	**4**	
Cos phi:	**0,96**	
Controllable:	**T,E**	Trafo, Electronic
Insulation class:	**F**	
Protection class:	**IP 66**	
Sound production (calculated):	**66 (55)**	[dB(A)]
Impeller:	**496** / **6** / **42,5** / **14**	D / n / ° / shaft diameter
Weight 34300104 (excl. pack.):	**13,2** / **29,1**	[Kg] / [lbs]
Weight 34325104 (excl. pack.):	**15** / **33**	[Kg] / [lbs]
Weight 34325144 (excl. pack.):	**16,2** / **35,7**	[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 efficiëncy:	**32,8**	[%]
Measurement category:	**C**	
Efficiency category:	**Static**	
Efficiency grade (N) at optimum energy efficiency	**41,1**	
Variable speed drive VSD:	**No**	
Year of manufacture:	**See typelabel**	
Commercial registration number:	**Fancom B.V. 12015669 Panningen (NL)**	
Model number:	**1450 50Hz**	
Input power at optimum energy efficiency point:	**486**	[W]
Air volume at optimum energy efficiency point:	**5710**	[m^3/h]
Pressure at optimum energy efficiency point:	**102**	[pa]
Rotations at optimum energy efficiency point:	**1311**	[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**	

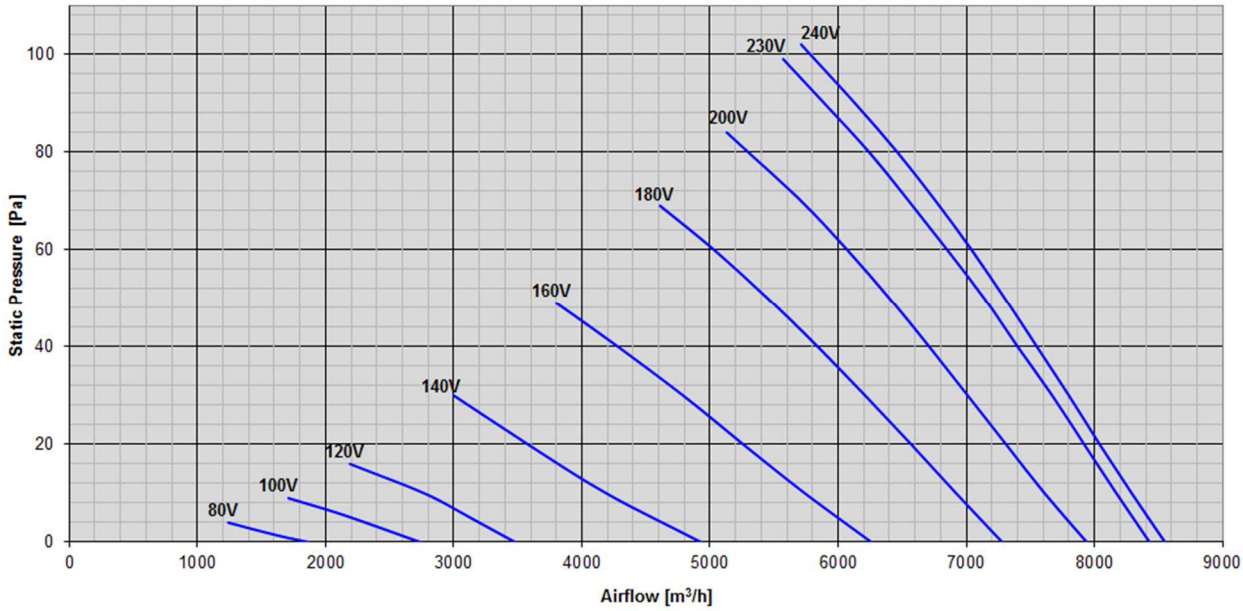
Ambient climate

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 1450 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]	[m³/h]	[m³/s]	[1/min]	[W]	[A]	[m/s]	[% at 20°C]	[W/1000m³/h]
240	0	8550	2.38	1337	441	1.94	12.1	47.3	51.6
	10	8290	2.30	1331	450	1.98	11.7	47.3	54.3
	20	8040	2.23	1326	457	2.01	11.4	47.7	56.8
	30	7800	2.17	1322	464	2.04	11.0	48.1	59.5
	40	7550	2.10	1319	469	2.06	10.7	48.5	62.1
	50	7300	2.03	1317	474	2.08	10.3	48.8	64.9
	60	7040	1.96	1315	478	2.09	10.0	48.9	67.9
	70	6760	1.88	1313	481	2.10	9.6	48.8	71.2
	80	6460	1.79	1312	483	2.10	9.1	48.3	74.8
	90	6130	1.70	1311	485	2.11	8.7	47.4	79.1
	100	5780	1.61	1311	486	2.12	8.2	46.3	84.1
	102	5710	1.59	1311	486	2.12	8.1	46.1	85.1
230	0	8430	2.34	1321	437	2.02	11.9	45.7	51.8
	10	8170	2.27	1316	444	2.05	11.6	46.1	54.3
	20	7920	2.20	1310	450	2.08	11.2	46.6	56.8
	30	7670	2.13	1305	456	2.10	10.9	47.0	59.5
	40	7400	2.06	1301	461	2.12	10.5	47.2	62.3
	50	7140	1.98	1297	465	2.14	10.1	47.4	65.1
	60	6850	1.90	1294	469	2.16	9.7	47.2	68.5
	70	6550	1.82	1292	472	2.17	9.3	46.8	72.1
	80	6240	1.73	1291	474	2.18	8.8	46.4	76.0
	90	5890	1.64	1291	476	2.19	8.3	45.3	80.8
	99	5570	1.55	1292	476	2.19	7.9	44.3	85.5
200	0	7940	2.21	1248	413	2.25	11.2	40.4	52.0
	10	7610	2.11	1233	421	2.30	10.8	39.9	55.3
	20	7310	2.03	1221	427	2.34	10.3	40.0	58.4
	30	7010	1.95	1212	433	2.37	9.9	40.0	61.8
	40	6710	1.86	1205	437	2.38	9.5	40.1	65.1
	50	6400	1.78	1201	440	2.39	9.1	40.1	68.8
	60	6070	1.69	1198	442	2.40	8.6	39.8	72.8
	70	5710	1.59	1196	444	2.40	8.1	39.0	77.8
	80	5296	1.47	1195	444	2.41	7.5	37.7	83.8
	84	5130	1.43	1195	444	2.41	7.3	37.1	86.5
180	0	7280	2.02	1147	386	2.38	10.3	33.3	53.0
	10	6920	1.92	1128	395	2.43	9.8	32.9	57.1
	20	6570	1.83	1112	401	2.46	9.3	32.7	61.0
	30	6210	1.73	1099	405	2.48	8.8	32.5	65.2
	40	5840	1.62	1089	408	2.49	8.3	32.2	69.9
	50	5450	1.51	1083	410	2.51	7.7	31.6	75.2
	60	5030	1.40	1081	413	2.52	7.1	30.6	82.1
	69	4610	1.28	1083	416	2.55	6.5	29.1	90.2
160	0	6260	1.74	986	347	2.44	8.9	23.6	55.4
	10	5740	1.59	947	354	2.49	8.1	22.3	61.7
	20	5260	1.46	921	357	2.51	7.4	21.8	67.9
	30	4790	1.33	906	359	2.52	6.8	21.3	74.9
	40	4280	1.19	901	360	2.53	6.1	20.5	84.1
	49	3800	1.06	904	363	2.55	5.4	19.3	95.5
140	0	4930	1.37	775	288	2.37	7.0	13.9	58.4
	10	4190	1.16	717	286	2.38	5.9	12.6	68.3
	20	3580	0.99	697	289	2.39	5.1	12.2	80.7
	30	3000	0.83	716	294	2.42	4.2	11.6	98.0
120	0	3480	0.97	546	208	2.11	4.9	6.8	59.8
	5	3130	0.87	528	213	2.13	4.4	6.8	68.1
	10	2770	0.77	519	214	2.14	3.9	6.9	77.3
	16	2190	0.61	535	214	2.13	3.1	6.2	97.7
100	0	2740	0.76	419	145	1.81	3.9	4.7	52.9
	3	2420	0.67	393	146	1.83	3.4	4.6	60.3
	6	2090	0.58	378	147	1.83	3.0	4.4	70.3
	9	1710	0.48	381	145	1.82	2.4	4.1	84.8
80	0	1870	0.52	264	85	1.42	2.6	2.6	45.5
	1	1690	0.47	251	86	1.42	2.4	2.4	50.9
	2	1530	0.43	242	86	1.42	2.2	2.4	56.2
	4	1240	0.34	236	84	1.40	1.8	2.4	67.7

Fan characteristic



Specific power