



Fan 1445 C 200-240V 50Hz

34300103

Fan 1445 M 200-240V 50Hz

34325103

Fan 1445 G 200-240V 50Hz

34325143

**Images**

34300103



34325103



34325143

**Technical data**

Voltage:	200 – 240	[V ac] +/-10%
Phase:	1	
Frequency:	50	[Hz]
Max. current:	1,97	[A]
Current (at 50 Pa and 240V):	1,6	[A]
Input power (at 50 Pa and 240V):	372	[W]
Shaft power (at 50 Pa and 240V):	223	[W]
Max. input power:	380	[W]
Max. air volume:	6690	[m <sup>3</sup> /h]
Max. pressure:	102	[pa]
Max. rotations:	1345	[RPM]
Capacitor:	8	[μF]
Poles:	4	
Cos phi:	0,95	
Controllable:	T,E	Trafo, Electronic
Insulation class:	F	
Protection class:	IP 66	
Sound production (calculated):	65 (54)	[dB(A)]
Impeller:	446 / 6 / 42,5 / 14	D / n / ° / shaft diameter
Weight 34300103 (excl. pack.):	11,4 / 25,1	[Kg] / [lbs]
Weight 34325103 (excl. pack.):	12,2 / 26,9	[Kg] / [lbs]
Weight 34325143 (excl. pack.):	13,2 / 29,1	[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.
- 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:	<b>31,8</b> [%]
Measurement category:	<b>C</b>
Efficiency category:	<b>Static</b>
Efficiency grade (N) at optimum energy efficiency	<b>40,8</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>1445 50Hz</b>
Input power at optimum energy efficiency point:	<b>379</b> [W]
Air volume at optimum energy efficiency point:	<b>4400</b> [m <sup>3</sup> /h]
Pressure at optimum energy efficiency point:	<b>100</b> [pa]
Rotations at optimum energy efficiency point:	<b>1320</b> [RPM]
Compressibility factor:	<b>0,9857</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:	<b>0°C to +40°C (32°F to +104°F)</b>
Storage temperature range:	<b>-10°C to +50°C (14°F to +122°F)</b>
Relative humidity:	<b>&lt;95%, uncondensed</b>

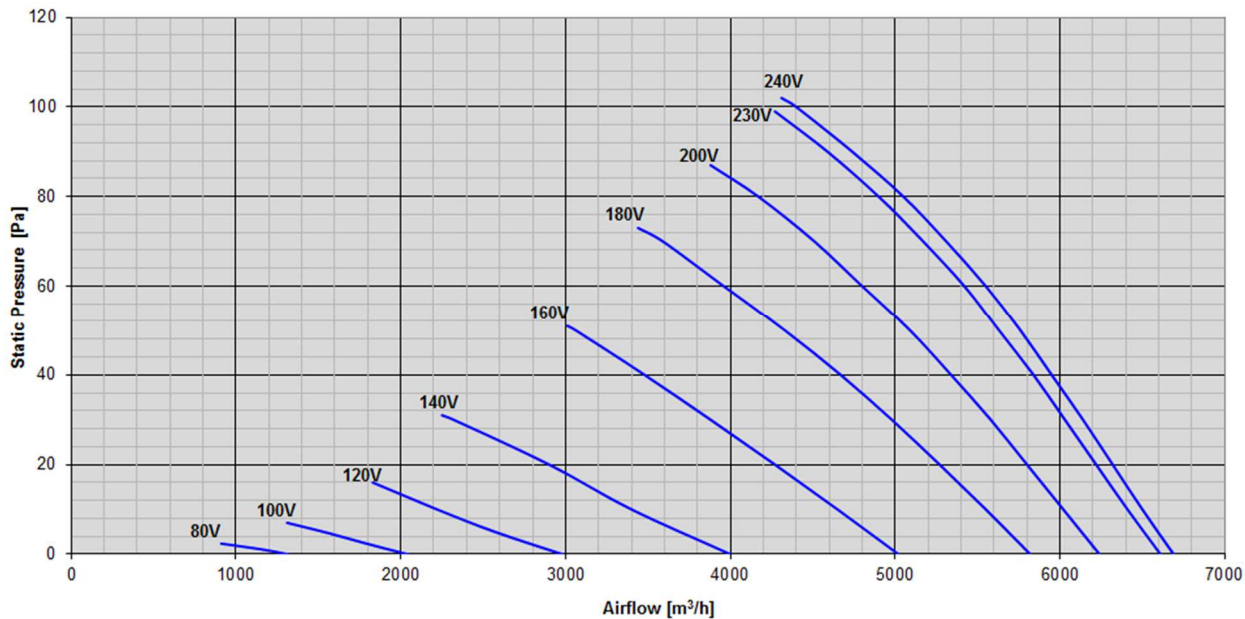


## Specifications Fan 1445 50Hz

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	$\eta_{tot}$	$P_{spec}$	
[V]	[Pa]	[m³/h]	[m³/s]	[1/min]	[W]	[A]	[m/s]	[% at 20°C]	[W / 1000m³/h]	
240	0	6690	1.86	1345	342	1.49	11.7	44.5	51.1	
	10	6500	1.81	1341	352	1.52	11.4	44.8	54.2	
	20	6320	1.76	1337	359	1.55	11.0	45.5	56.8	
	30	6140	1.71	1333	364	1.57	10.7	46.4	59.3	
	40	5950	1.65	1329	369	1.58	10.4	46.9	62.0	
	50	5760	1.60	1326	372	1.60	10.1	47.6	64.6	
	60	5550	1.54	1323	374	1.61	9.7	48.0	67.4	
	70	5310	1.48	1321	375	1.62	9.3	47.8	70.6	
	80	5050	1.40	1319	377	1.63	8.8	47.1	74.7	
	90	4740	1.32	1319	378	1.64	8.3	45.7	79.7	
	100	4400	1.22	1320	379	1.65	7.7	43.7	86.1	
102	4310	1.20	1321	380	1.66	7.5	42.8	88.2		
230	0	6610	1.84	1331	341	1.57	11.5	43.1	51.6	
	10	6410	1.78	1325	348	1.60	11.2	43.6	54.3	
	20	6220	1.73	1319	354	1.63	10.9	44.3	56.9	
	30	6030	1.68	1314	359	1.65	10.5	45.0	59.5	
	40	5840	1.62	1310	364	1.67	10.2	45.6	62.3	
	50	5630	1.56	1306	367	1.69	9.8	46.0	65.2	
	60	5420	1.51	1304	370	1.69	9.5	46.3	68.3	
	70	5170	1.44	1303	372	1.70	9.0	45.9	72.0	
	80	4900	1.36	1303	372	1.70	8.6	45.4	75.9	
	90	4590	1.28	1303	371	1.69	8.0	44.2	80.8	
	99	4270	1.19	1305	369	1.68	7.5	42.5	86.4	
200	0	6240	1.73	1256	320	1.74	10.9	38.6	51.3	
	10	6020	1.67	1248	325	1.77	10.5	39.3	54.0	
	20	5800	1.61	1239	330	1.79	10.1	39.8	56.9	
	30	5580	1.55	1230	335	1.82	9.7	40.2	60.0	
	40	5340	1.48	1221	339	1.84	9.3	40.3	63.5	
	50	5090	1.41	1214	342	1.85	8.9	40.3	67.2	
	60	4800	1.33	1212	343	1.86	8.4	39.7	71.5	
	70	4510	1.25	1209	344	1.86	7.9	39.1	76.3	
	80	4170	1.16	1212	343	1.86	7.3	37.8	82.3	
	87	3880	1.08	1217	341	1.85	6.8	36.2	87.9	
	180	0	5820	1.62	1169	300	1.83	10.2	33.4	51.5
10		5550	1.54	1151	305	1.87	9.7	33.6	55.0	
20		5270	1.46	1132	310	1.90	9.2	33.4	58.8	
30		4980	1.38	1115	314	1.92	8.7	33.2	63.1	
40		4670	1.30	1100	317	1.94	8.2	32.7	67.9	
50		4330	1.20	1090	320	1.96	7.6	31.7	73.9	
60		3960	1.10	1086	321	1.97	6.9	30.4	81.1	
70		3590	1.00	1090	321	1.97	6.3	29.1	89.4	
73		3440	0.96	1093	321	1.97	6.0	28.2	93.3	
160		0	5020	1.39	1002	265	1.88	8.8	24.3	52.8
		10	4650	1.29	970	271	1.92	8.1	23.6	58.3
	20	4270	1.19	941	275	1.94	7.5	23.0	64.4	
	30	3880	1.08	919	277	1.96	6.8	22.4	71.4	
	40	3480	0.97	912	278	1.97	6.1	21.6	79.9	
	50	3060	0.85	925	279	1.97	5.3	20.5	91.2	
	51	3010	0.84	928	279	1.97	5.3	20.3	92.7	
	140	0	4000	1.11	784	217	1.81	7.0	15.0	54.3
10		3400	0.94	721	220	1.84	5.9	13.4	64.7	
20		2900	0.81	701	222	1.84	5.1	12.8	76.6	
30		2320	0.64	708	221	1.85	4.1	11.6	95.3	
31		2250	0.63	709	221	1.85	3.9	11.4	98.2	
120	0	2980	0.83	575	165	1.64	5.2	8.2	55.4	
	5	2570	0.71	529	162	1.63	4.5	7.5	63.0	
	10	2220	0.62	508	162	1.63	3.9	7.2	73.0	
	16	1830	0.51	529	165	1.65	3.2	6.8	90.2	
100	0	2040	0.57	383	107	1.37	3.6	4.0	52.5	
	2	1830	0.51	361	107	1.37	3.2	3.9	58.5	
	5	1530	0.43	341	107	1.37	2.7	3.7	69.9	
	7	1310	0.36	348	108	1.38	2.3	3.4	82.4	
80	0	1310	0.36	217	63	1.07	2.3	1.8	48.1	
	1	1170	0.33	207	64	1.07	2.0	1.8	54.7	
	2	910	0.25	192	62	1.06	1.6	1.6	68.1	



### Fan characteristic



### Specific power

