



Fan 1440 C 200-240V 50Hz

34300102

Fan 1440 M 200-240V 50Hz

34325102

Fan 1440 G 200-240V 50Hz

34325142

Images

34300102



34325102



34325142

Technical data

Voltage:	200 – 240	[V ac] +/-10%
Phase:	1	
Frequency:	50	[Hz]
Max. current:	1,51	[A]
Current (at 50 Pa and 240V):	1,19	[A]
Input power (at 50 Pa and 240V):	273	[W]
Shaft power (at 50 Pa and 240V):	150	[W]
Max. input power:	284	[W]
Max. air volume:	5040	[m ³ /h]
Max. pressure:	92	[pa]
Max. rotations:	1365	[RPM]
Capacitor:	6	[μF]
Poles:	4	
Cos phi:	0,96	
Controllable:	T,E	Trafo, Electronic
Insulation class:	F	
Protection class:	IP 66	
Sound production (calculated):	64 (53)	[dB(A)]
Impeller:	396 / 6 / 42,5 / 14	D / n / ° / shaft diameter
Weight 34300102 (excl. pack.):	9,8 / 21,6	[Kg] / [lbs]
Weight 34325102 (excl. pack.):	11 / 24,3	[Kg] / [lbs]
Weight 34325142 (excl. pack.):	11,8 / 26	[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:	31,0 [%]
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:	1440 50Hz
Input power at optimum energy efficiency point:	262 [W]
Air volume at optimum energy efficiency point:	3300 [m ³ /h]
Pressure at optimum energy efficiency point:	90 [pa]
Rotations at optimum energy efficiency point:	1325 [RPM]
Compressibility factor:	0,9849
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

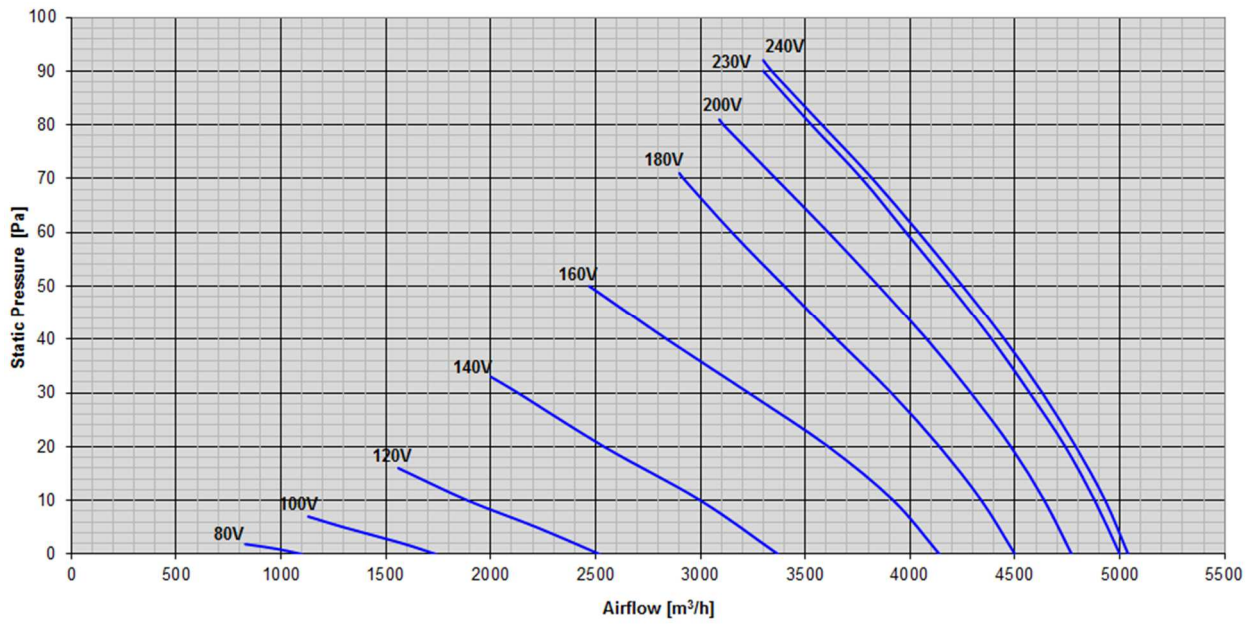


Specifications Fan 1440 50Hz

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 _{nom}	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	5040	1.40	1365	256	1.13	11.1	40.7	50.8
	10	4930	1.37	1362	260	1.15	10.9	42.8	52.7
	20	4790	1.33	1359	264	1.16	10.6	44.0	55.1
	30	4630	1.29	1355	267	1.17	10.2	44.7	57.7
	40	4450	1.24	1351	270	1.18	9.8	44.9	60.7
	50	4250	1.18	1347	273	1.19	9.4	44.5	64.2
	60	4040	1.12	1343	275	1.20	8.9	44.0	68.1
	70	3820	1.06	1339	278	1.21	8.4	43.0	72.8
	80	3580	0.99	1337	281	1.22	7.9	41.6	78.5
	90	3340	0.93	1337	283	1.23	7.4	40.2	84.7
92	3300	0.92	1337	284	1.23	7.3	40.0	86.1	
230	0	5000	1.39	1353	245	1.14	11.1	41.5	49.0
	10	4880	1.36	1350	248	1.15	10.8	43.6	50.8
	20	4740	1.32	1345	251	1.16	10.5	45.0	53.0
	30	4570	1.27	1340	254	1.18	10.1	45.6	55.6
	40	4390	1.22	1334	257	1.19	9.7	45.8	58.5
	50	4190	1.16	1329	260	1.20	9.3	45.4	62.1
	60	3980	1.11	1325	262	1.21	8.8	44.9	65.8
	70	3770	1.05	1322	263	1.21	8.3	44.5	69.8
	80	3530	0.98	1322	263	1.22	7.8	43.4	74.5
	90	3300	0.92	1325	262	1.21	7.3	42.7	79.4
200	0	4770	1.33	1291	236	1.29	10.5	37.5	49.5
	10	4640	1.29	1284	238	1.31	10.3	39.6	51.3
	20	4480	1.24	1276	242	1.33	9.9	40.5	54.0
	30	4290	1.19	1266	246	1.35	9.5	40.7	57.3
	40	4080	1.13	1258	250	1.37	9.0	40.3	61.3
	50	3850	1.07	1250	254	1.39	8.5	39.3	66.0
	60	3610	1.00	1244	256	1.40	8.0	38.5	70.9
	70	3360	0.93	1242	256	1.41	7.4	37.6	76.2
	80	3110	0.86	1245	254	1.40	6.9	36.9	81.7
	81	3090	0.86	1245	254	1.40	6.8	36.8	82.2
180	0	4500	1.25	1213	220	1.36	9.9	33.7	48.9
	10	4340	1.21	1202	222	1.38	9.6	35.4	51.2
	20	4140	1.15	1187	226	1.40	9.2	35.7	54.6
	30	3910	1.09	1171	230	1.43	8.6	35.3	58.8
	40	3650	1.01	1157	234	1.45	8.1	34.3	64.1
	50	3400	0.94	1148	236	1.46	7.5	33.6	69.4
	60	3150	0.88	1148	237	1.47	7.0	32.9	75.2
	70	2920	0.81	1160	234	1.45	6.5	32.9	80.1
	71	2900	0.81	1162	234	1.45	6.4	32.9	80.7
160	0	4140	1.15	1107	193	1.37	9.2	29.9	46.6
	10	3920	1.09	1084	195	1.39	8.7	30.7	49.7
	20	3610	1.00	1048	198	1.42	8.0	29.5	54.8
	30	3230	0.90	1009	203	1.46	7.1	26.8	62.8
	40	2840	0.79	980	207	1.49	6.3	24.3	72.9
	50	2470	0.69	974	209	1.51	5.5	22.3	84.6
140	0	3370	0.94	889	160	1.36	7.4	19.5	47.5
	10	3000	0.83	833	162	1.38	6.6	18.7	54.0
	20	2540	0.71	786	164	1.40	5.6	16.7	64.6
	30	2130	0.59	786	166	1.42	4.7	15.4	77.9
	33	2000	0.56	787	166	1.42	4.4	15.0	83.0
120	0	2520	0.70	640	120	1.24	5.6	10.9	47.6
	5	2220	0.62	591	118	1.24	4.9	10.2	53.2
	10	1890	0.53	553	118	1.24	4.2	9.1	62.4
	16	1560	0.43	560	120	1.26	3.4	8.4	76.9
100	0	1740	0.48	416	77	1.03	3.8	5.6	44.3
	2	1580	0.44	394	77	1.03	3.5	5.3	48.7
	5	1300	0.36	365	77	1.03	2.9	4.7	59.2
	7	1130	0.31	362	77	1.03	2.5	4.4	68.1
80	0	1100	0.31	219	45	0.80	2.4	2.4	40.9
	1	980	0.27	210	46	0.80	2.2	2.3	46.9
	2	830	0.23	191	44	0.79	1.8	2.0	53.0



Fan characteristic



Specific power

