



Fan 1435 C 200-240V 50Hz
Fan 1435 M 200-240V 50Hz

34300101
34325101

Images



34300101



34325101

Technical data

Voltage:	200 – 240	[V ac] +/-10%
Phase:	1	
Frequency:	50	[Hz]
Max. current:	1,03	[A]
Current (at 50 Pa and 240V):	0,96	[A]
Input power (at 50 Pa and 240V):	211	[W]
Shaft power (at 50 Pa and 240V):	99	[W]
Max. input power:	215	[W]
Max. air volume:	3940	[m ³ /h]
Max. pressure:	78	[pa]
Max. rotations:	1416	[RPM]
Capacitor:	6	[μF]
Poles:	4	
Cos phi:	0,92	
Controllable:	T,E	Trafo, Electronic
Insulation class:	F	
Protection class:	IP 66	
Sound production (calculated):	61 (50)	[dB(A)]
Impeller:	346 / 6 / 42,5 / 14	D / n / ° / shaft diameter
Weight 34300101 (excl. pack.):	8,8 / 19,4	[Kg] / [lbs]
Weight 34325101 (excl. pack.):	9,8 / 21,6	[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 and electronic controlled.
- Measurement performed with electronic control.
- According to AMCA 210 / ISO 5801.
- Images may differ slightly from reality.

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

Overall efficiency:	29,1 [%]
Measurement category:	C
Efficiency category:	Static
Efficiency grade (N) at optimum energy efficiency	40,6
Variable speed drive VSD:	No
Year of manufacture:	See typelabel
Commercial registration number:	Fancom B.V. 12015669 Panningen (NL)
Model number:	1435 50Hz
Input power at optimum energy efficiency point:	148 [W]
Air volume at optimum energy efficiency point:	2420 [m ³ /h]
Pressure at optimum energy efficiency point:	65 [pa]
Rotations at optimum energy efficiency point:	1283 [RPM]
Compressibility factor:	0,9847
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

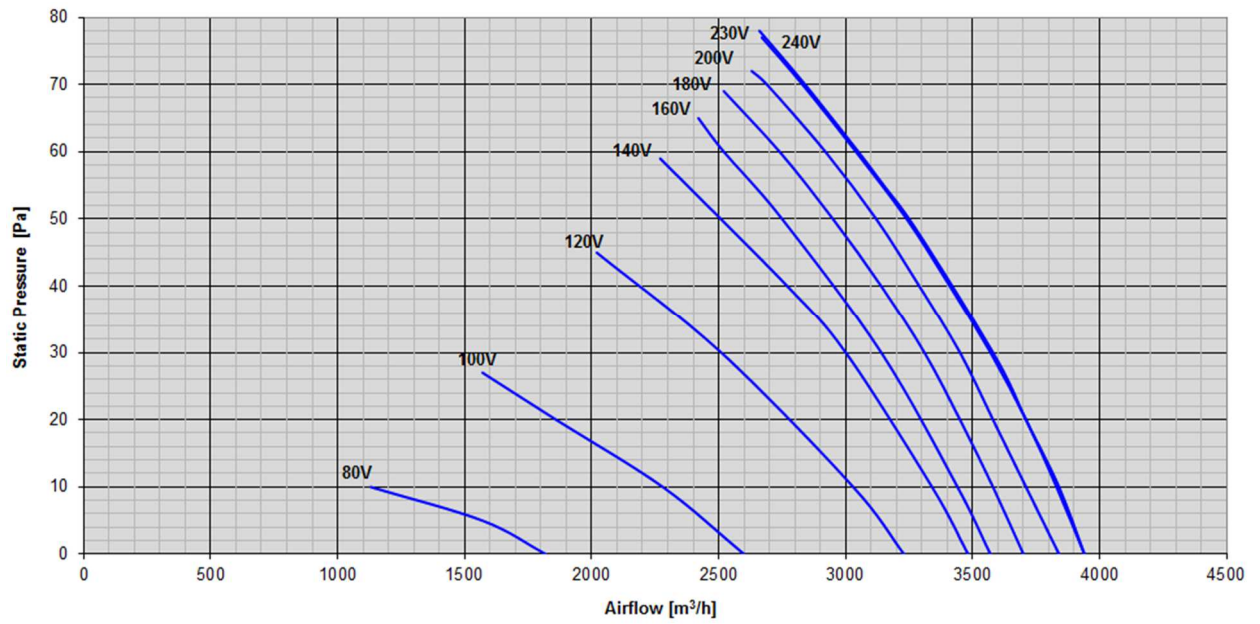


Specifications Fan 1435 50Hz

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	3940	1.09	1416	198	0.91	8.7	25.2	50.3
	10	3840	1.07	1414	200	0.92	8.5	28.4	52.1
	20	3710	1.03	1411	203	0.93	8.2	30.6	54.7
	25	3650	1.01	1410	204	0.93	8.1	31.8	55.9
	30	3580	0.99	1409	206	0.94	7.9	32.6	57.5
	40	3420	0.95	1406	208	0.95	7.6	33.9	60.8
	50	3250	0.90	1404	211	0.96	7.2	34.6	64.9
	55	3150	0.88	1403	212	0.96	7.0	34.7	67.3
	60	3050	0.85	1402	213	0.96	6.7	34.7	69.8
	70	2840	0.79	1400	214	0.97	6.3	34.5	75.4
78	2660	0.74	1399	215	0.97	5.9	33.9	80.8	
230	0	3940	1.09	1412	189	0.88	8.7	26.4	48.0
	10	3830	1.06	1409	190	0.88	8.5	29.7	49.6
	20	3710	1.03	1406	192	0.89	8.2	32.4	51.8
	30	3570	0.99	1403	195	0.90	7.9	34.3	54.6
	40	3410	0.95	1400	198	0.91	7.5	35.4	58.1
	50	3240	0.90	1398	201	0.93	7.2	36.2	62.0
	60	3040	0.84	1396	204	0.94	6.7	36.1	67.1
	70	2830	0.79	1394	205	0.94	6.3	35.8	72.4
	77	2670	0.74	1393	205	0.94	5.9	32.9	76.8
200	0	3840	1.07	1389	164	0.86	8.5	28.1	42.7
	10	3710	1.03	1384	166	0.87	8.2	31.3	44.7
	20	3580	0.99	1380	168	0.88	7.9	34.1	46.9
	30	3450	0.96	1376	171	0.89	7.6	36.4	49.6
	40	3290	0.91	1373	173	0.9	7.3	37.9	52.6
	50	3120	0.87	1370	176	0.92	6.9	38.7	56.4
	60	2920	0.81	1367	177	0.93	6.5	39.0	60.6
	70	2690	0.75	1364	179	0.94	5.9	38.1	66.5
	72	2630	0.73	1363	179	0.94	5.8	37.7	68.1
180	0	3700	1.03	1361	149	0.88	8.2	27.7	40.3
	10	3580	0.99	1357	152	0.90	7.9	31.1	42.5
	20	3450	0.96	1352	155	0.91	7.6	33.9	44.9
	30	3310	0.92	1347	157	0.93	7.3	36.4	47.4
	40	3140	0.87	1343	160	0.94	6.9	37.6	51.0
	50	2950	0.82	1339	161	0.95	6.5	38.4	54.6
	60	2740	0.76	1335	163	0.96	6.1	38.3	59.5
	69	2520	0.70	1331	164	0.97	5.6	37.4	65.1
160	0	3570	0.99	1322	136	0.91	7.9	27.2	38.1
	10	3440	0.96	1315	139	0.93	7.6	30.7	40.4
	30	3140	0.87	1301	144	0.96	6.9	35.7	45.9
	50	2750	0.76	1288	147	0.98	6.1	37.5	53.5
	60	2520	0.70	1284	148	0.99	5.6	37.2	58.7
	65	2420	0.67	1283	148	0.99	5.3	37.3	61.2
140	0	3482	0.97	1266	119	0.93	7.7	28.9	34.2
	10	3340	0.93	1252	122	0.95	7.4	32.5	36.5
	30	3000	0.83	1224	127	0.99	6.6	37.0	42.3
	40	2770	0.77	1211	129	1.00	6.1	37.3	46.6
	59	2270	0.63	1194	133	1.03	5.0	35.1	58.6
120	0	3230	0.90	1149	103	0.95	7.1	26.6	31.9
	10	3030	0.84	1117	105	0.97	6.7	29.6	34.7
	30	2510	0.70	1061	109	1.01	5.5	31.0	43.4
	45	2020	0.56	1041	111	1.03	4.5	28.8	55.0
100	0	2600	0.72	885	81	0.94	5.7	17.7	31.2
	10	2280	0.63	833	83	0.96	5.0	19.3	36.4
	20	1860	0.52	787	84	0.98	4.1	18.5	45.2
	27	1570	0.44	791	85	0.99	3.5	17.6	54.1
80	0	1820	0.51	473	55	0.84	4.0	8.9	30.2
	5	1570	0.44	533	55	0.84	3.5	9.7	35.0
	10	1130	0.31	536	55	0.84	2.5	7.8	48.7



Fan characteristic



Specific power

