



Fan 1463 C 200-240V 50Hz  
Fan 1463 M 200-240V 50Hz

34302000  
34322130

### Images



34302000



34322130

### Technical data

Voltage:	200 – 240	[V ac] +/-10%
Phase:	1	
Frequency:	50	[Hz]
Max. current:	3,84	[A]
Current (at 50 Pa and 240V):	3,1	[A]
Input power (at 50 Pa and 240V):	721	[W]
Shaft power (at 50 Pa and 240V):	490	[W]
Max. input power:	728	[W]
Max. air volume:	14600	[m <sup>3</sup> /h]
Max. pressure:	101	[pa]
Max. rotations:	1390	[RPM]
Capacitor:	16	[μF]
Poles:	4	
Cos phi:	0,97	
Controllable:	T,E	Trafo, Electronic
Insulation class:	F	
Protection class:	IP 66	
Sound production (calculated):	68 (57)	[dB(A)]
Impeller:	629 / 4 / 42,5 / 14	D / n / ° / shaft diameter
Weight 34302000 (excl. pack.):	29 / 63,8	[Kg] / [lbs]
Weight 34322130 (excl. pack.):	26,4 / 58,2	[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****ErP 2015****Data according to ErP directive**

Overall efficiency:	<b>34,2</b> [%]
Measurement category:	<b>C</b>
Efficiency category:	<b>Static</b>
Efficiency grade (N) at optimum energy efficiency	<b>41,4</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>1463 50Hz</b>
Input power at optimum energy efficiency point:	<b>726</b> [W]
Air volume at optimum energy efficiency point:	<b>9070</b> [m <sup>3</sup> /h]
Pressure at optimum energy efficiency point:	<b>100</b> [pa]
Rotations at optimum energy efficiency point:	<b>1378</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>

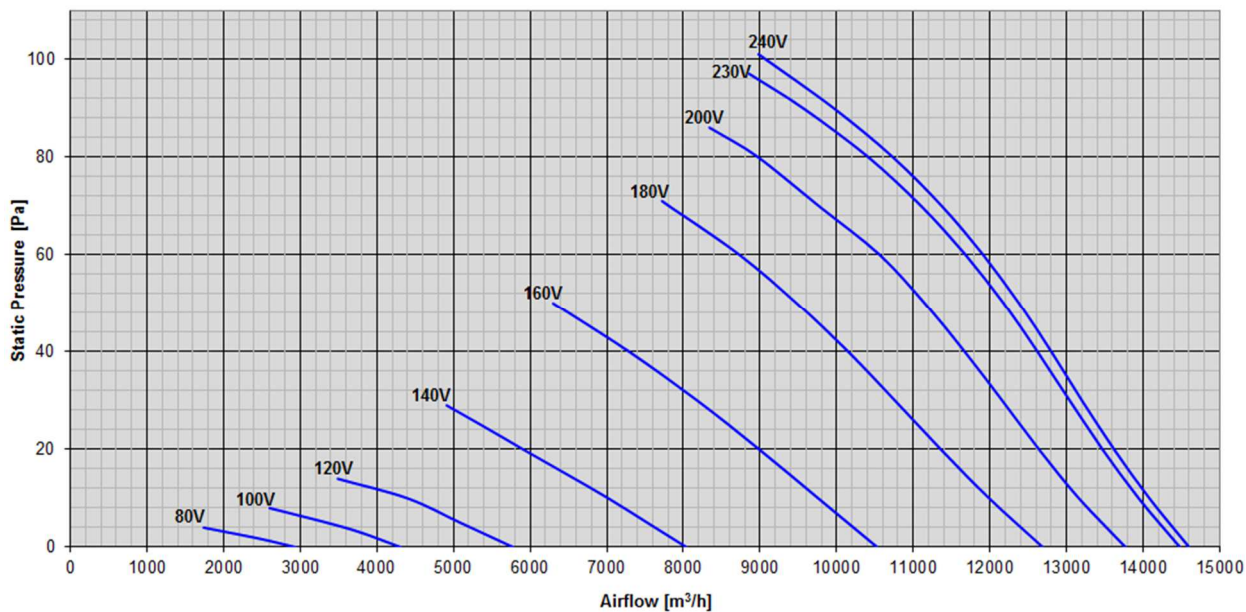


## Specifications Fan 1463 50Hz

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]	[m <sup>3</sup> /h]	[m <sup>3</sup> /s]	[1/min]	[W]	[A]	[m/s]	[% at 20°C]	[W/1000m <sup>3</sup> /h]
240	0	14600	4.06	1390	683	2.95	13.0	60.3	46.8
	10	14080	3.91	1387	693	2.99	12.5	58.9	49.2
	20	13620	3.78	1386	702	3.03	12.1	58.4	51.5
	30	13200	3.67	1384	710	3.06	11.8	58.4	53.8
	40	12800	3.56	1382	716	3.08	11.4	58.6	55.9
	50	12380	3.44	1381	721	3.10	11.0	58.7	58.2
	60	11910	3.31	1380	725	3.11	10.6	58.2	60.9
	70	11370	3.16	1379	727	3.12	10.1	57.2	63.9
	80	10730	2.98	1378	728	3.12	9.6	55.2	67.8
	90	9960	2.77	1378	728	3.12	8.9	52.2	73.1
	100	9070	2.52	1378	726	3.12	8.1	48.3	80.0
101	8980	2.49	1378	726	3.12	8.0	47.9	80.8	
230	0	14480	4.02	1378	679	3.12	12.9	59.2	46.9
	10	13940	3.87	1375	689	3.16	12.4	57.7	49.4
	20	13470	3.74	1373	697	3.20	12.0	57.1	51.7
	30	13040	3.62	1370	705	3.23	11.6	57.0	54.1
	40	12620	3.51	1367	711	3.26	11.2	57.1	56.3
	50	12180	3.38	1365	715	3.28	10.9	57.1	58.7
	60	11680	3.24	1363	719	3.30	10.4	56.4	61.6
	70	11100	3.08	1363	720	3.31	9.9	55.1	64.9
	80	10410	2.89	1363	721	3.31	9.3	52.8	69.3
	90	9560	2.66	1365	719	3.30	8.5	49.3	75.2
	97	8860	2.46	1367	717	3.29	7.9	46.1	80.9
200	0	13770	3.83	1313	637	3.49	12.3	54.2	46.3
	10	13160	3.66	1307	644	3.52	11.7	52.5	48.9
	20	12640	3.51	1301	651	3.56	11.3	51.8	51.5
	30	12160	3.38	1295	657	3.59	10.8	51.6	54.0
	40	11670	3.24	1290	662	3.62	10.4	51.4	56.7
	50	11150	3.10	1286	666	3.65	9.9	50.8	59.7
	60	10560	2.93	1284	668	3.66	9.4	49.7	63.3
	70	9765	2.71	1285	667	3.66	8.7	46.9	68.3
	80	8970	2.49	1286	667	3.66	8.0	44.2	74.4
	86	8340	2.32	1288	664	3.65	7.4	41.6	79.6
180	0	12690	3.53	1214	586	3.67	11.3	46.2	46.2
	10	11990	3.33	1203	592	3.72	10.7	44.2	49.4
	20	11360	3.16	1190	598	3.76	10.1	43.0	52.6
	30	10760	2.99	1178	603	3.80	9.6	42.2	56.0
	40	10150	2.82	1169	606	3.83	9.0	41.4	59.7
	50	9480	2.63	1165	608	3.84	8.4	40.2	64.1
	60	8730	2.43	1168	608	3.83	7.8	38.4	69.6
	70	7810	2.17	1182	606	3.80	7.0	35.5	77.6
	71	7720	2.14	1184	606	3.79	6.9	35.2	78.5
160	0	10530	2.93	1018	497	3.72	9.4	31.1	47.2
	10	9760	2.71	1005	504	3.76	8.7	29.8	51.6
	20	8990	2.50	985	507	3.79	8.0	28.8	56.4
	30	8180	2.27	970	509	3.81	7.3	27.6	62.2
	40	7290	2.03	969	510	3.82	6.5	25.9	70.0
	50	6300	1.75	996	511	3.80	5.6	23.6	81.1
140	0	8040	2.23	786	384	3.48	7.2	17.9	47.8
	5	7530	2.09	773	386	3.49	6.7	17.3	51.3
	10	7020	1.95	760	388	3.50	6.3	16.8	55.3
	15	6470	1.80	750	386	3.50	5.8	16.3	59.7
	20	5910	1.64	740	385	3.50	5.3	15.6	65.1
	25	5360	1.49	757	388	3.50	4.8	14.8	72.4
	29	4910	1.36	773	391	3.51	4.4	14.1	79.6
120	0	5780	1.61	570	270	3.02	5.2	9.5	46.7
	5	5090	1.41	554	270	3.02	4.5	9.1	53.0
	10	4400	1.22	547	268	3.01	3.9	8.8	60.9
	14	3490	0.97	557	265	2.99	3.1	7.2	75.9
100	0	4310	1.20	409	170	2.45	3.8	6.2	39.4
	3	3790	1.05	393	169	2.44	3.4	6.1	44.6
	5	3350	0.93	382	166	2.42	3.0	5.8	49.6
	8	2600	0.72	396	170	2.45	2.3	4.8	65.4
80	0	2940	0.82	267	89	1.78	2.6	3.8	30.3
	1	2680	0.74	258	90	1.79	2.4	3.7	33.6
	2	2390	0.66	248	90	1.79	2.1	3.5	37.7
	4	1740	0.48	251	92	1.80	1.6	2.9	52.9



### Fan characteristic



### Specific power

