



Fan 3663 C 400-415V 50Hz  
Fan 3663 M 400-415V 50Hz

34302011  
34322141

### Images



34302011



34322141

### Technical data

Voltage:	400 – 415	[ $\Delta$ V ac] +/-10%
Phase:	3	
Frequency:	50	[Hz]
Max. current:	1,40	[A]
Current (at 50 Pa and 50Hz):	1,38	[A]
Input power (at 50 Pa and 50Hz):	687	[W]
Shaft power (at 50 Pa and 50Hz):	467	[W]
Max. input power:	697	[W]
Max. air volume:	14180	[m <sup>3</sup> /h]
Max. pressure:	97	[pa]
Max. rotations:	936	[RPM]
Poles:	6	
Cos phi:	0,72	
Controllable:	F	Frequency
Insulation class:	F	
Protection class:	IP 66	
Sound production (calculated):	67 (56)	[dB(A)]
Impeller:	629 / 5 / 45 / 22	D / n / ° / shaft diameter
Weight 34302011 (excl. pack.):	23,6 / 52	[Kg] / [lbs]
Weight 34322141 (excl. pack.):	21 / 46,3	[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.
- According to AMCA 210 / ISO 5801.
- Images may differ slightly from reality.

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

Overall efficiency:	<b>34,3</b> [%]
Measurement category:	<b>C</b>
Efficiency category:	<b>Static</b>
Efficiency grade (N) at optimum energy efficiency	<b>41,1</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>3663 50Hz</b>
Input power at optimum energy efficiency point:	<b>697</b> [W]
Air volume at optimum energy efficiency point:	<b>9000</b> [m <sup>3</sup> /h]
Pressure at optimum energy efficiency point:	<b>97</b> [pa]
Rotations at optimum energy efficiency point:	<b>931</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:	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

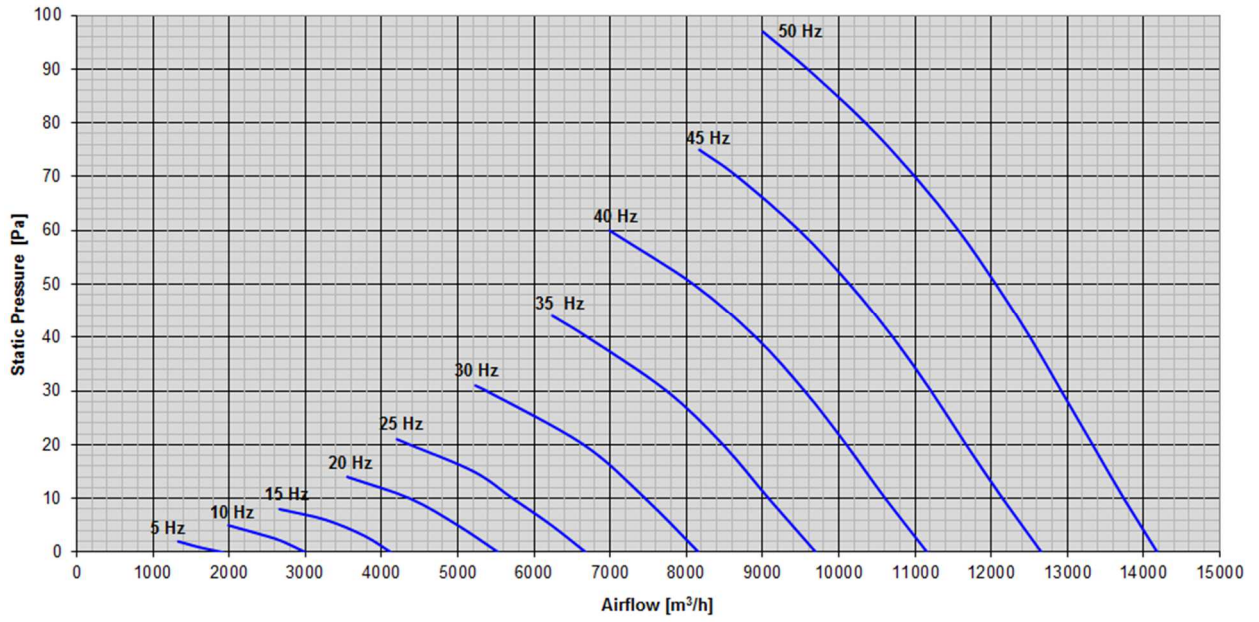


## Specifications Fan 3663 50Hz

Frequentie Frequency	Druk Pressure	Debiet Airflow	Toerental Rotations	Vermogen Power	Stroom Current	Luchtsnel. Airspeed	Tot. Rendement Tot. Efficiency	Spec. Verm. Spec. Power
F	p	----- V -----	RPM	P	I	v	$\eta_{tot}$	$P_{spec}$
[Hz]	[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]
50Hz	0	14180 3.94	936	654	1.34	12.4	55.2	46.1
	10	13740 3.82	934	665	1.35	12.0	55.1	48.4
	20	13330 3.70	933	674	1.37	11.6	55.5	50.6
	30	12920 3.59	932	680	1.37	11.3	56.0	52.6
	40	12510 3.48	932	684	1.38	10.9	56.6	54.7
	50	12060 3.35	931	687	1.38	10.5	56.7	57.0
	60	11570 3.21	931	689	1.38	10.1	56.5	59.6
	70	11000 3.06	931	691	1.39	9.6	55.3	62.8
	80	10350 2.88	931	692	1.39	9.0	53.5	66.9
	90	9590 2.66	931	695	1.40	8.4	50.6	72.5
97	9000 2.50	931	697	1.40	7.8	48.0	77.4	
45Hz	0	12660 3.52	835	477	1.15	11.0	53.9	37.7
	10	12150 3.38	833	487	1.17	10.6	53.6	40.1
	20	11670 3.24	831	494	1.18	10.2	53.9	42.3
	30	11210 3.11	831	497	1.18	9.8	54.7	44.3
	40	10710 2.98	830	499	1.18	9.3	55.0	46.6
	50	10140 2.82	830	500	1.19	8.8	54.6	49.3
	60	9480 2.63	829	502	1.19	8.3	53.0	53.0
	70	8670 2.41	829	504	1.19	7.6	49.8	58.1
75	8170 2.27	828	506	1.19	7.1	47.3	61.9	
40Hz	0	11160 3.10	738	340	1.00	9.7	51.8	30.5
	10	10610 2.95	736	349	1.01	9.2	51.8	32.9
	20	10100 2.81	734	353	1.02	8.8	52.9	35.0
	30	9550 2.65	734	355	1.03	8.3	53.5	37.2
	40	8910 2.48	733	356	1.03	7.8	53.0	40.0
	50	8090 2.25	733	357	1.03	7.1	50.3	44.1
60	6990 1.94	732	361	1.04	6.1	44.3	51.6	
35Hz	0	9700 2.69	641	232	0.86	8.5	49.8	23.9
	10	9080 2.52	638	240	0.88	7.9	50.0	26.4
	20	8480 2.36	636	242	0.88	7.4	51.4	28.5
	30	7740 2.15	636	243	0.88	6.7	50.7	31.4
	40	6702 1.86	635	245	0.89	5.8	45.9	36.6
44	6240 1.73	635	246	0.89	5.4	43.5	39.4	
30Hz	0	8160 2.27	539	149	0.72	7.1	46.2	18.3
	10	7460 2.07	536	154	0.74	6.5	47.6	20.6
	20	6650 1.85	535	155	0.75	5.8	47.9	23.3
	30	5375 1.49	533	156	0.75	4.7	41.3	29.0
	31	5230 1.45	533	156	0.75	4.6	40.5	29.8
25Hz	0	6680 1.86	437	89	0.59	5.8	42.4	13.3
	5	6230 1.73	435	92	0.61	5.4	42.7	14.8
	10	5720 1.59	434	92.5	0.61	5.0	42.8	16.2
	15	5210 1.45	433	93	0.61	4.5	42.6	17.9
	20	4368 1.21	432	93	0.62	3.8	37.4	21.3
21	4200 1.17	432	93	0.62	3.7	36.4	22.1	
20Hz	0	5530 1.54	359	55	0.48	4.8	38.9	9.9
	5	5000 1.39	357	56	0.49	4.4	40.7	11.2
	10	4370 1.21	356	57	0.49	3.8	39.8	13.0
	14	3550 0.99	357	57	0.49	3.1	34.2	16.1
15Hz	0	4120 1.14	271	27	0.36	3.6	32.8	6.6
	3	3780 1.05	268	28	0.37	3.3	35.7	7.4
	6	3270 0.91	267	28	0.37	2.9	35.3	8.6
	8	2660 0.74	267	28	0.37	2.3	29.6	10.5
10Hz	0	3000 0.83	187	15	0.32	2.6	22.8	5.0
	2	2700 0.75	185	16	0.32	2.4	25.0	5.9
	3	2490 0.69	185	16	0.32	2.2	25.2	6.4
	5	1990 0.55	185	16	0.32	1.7	23.5	8.0
5Hz	0	1910 0.53	96	13	0.37	1.7	6.8	6.8
	1	1590 0.44	95	13	0.37	1.4	7.3	8.2
	2	1330 0.37	95	14	0.37	1.2	7.4	10.5



### Fan characteristic



### Specific power

