



Fan IF52 inch HC 50-60Hz Xtra

4302515

Images

4302515

Technical data (IF52 inch HC Xtra with shutter)

Voltage:	400 - 460	[V ac] +/-10%
Phase:	3	
Frequency:	50 - 60	[Hz]
Max. current:	4,68	[A]
Current (at 50 Pa and 0V analog control):	4,17	[A]
Input power (at 50 Pa and 0V analog control):	1918	[W]
Shaft power (at 50 Pa and 0V analog control):	1750	[W]
Max. input power:	2150	[W]
Max. air volume:	55940 / 32921	[m ³ /h] / [cfm]
Max. pressure:	121	[pa]
Max. rotations:	650	[RPM]
Leakage current:	8	[mA]
Controllable:	A+IO	Analog+IOnet
Insulation class:	F	
Protection class:	IP 66	
Sound production (calculated):	74 (63)	[dB(A)]
Impeller:	1325 / 3 / 30 / 22	D / n / ° / shaft diameter
Weight 4302520 (excl. pack.):	95 / 209,4	[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 with cone, protection grid and shutter at the suction side.
- Measurement with 400Vac / 50Hz power supply.
- According AMCA 210 / ISO 5801.
- Images may differ slightly from reality.

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

Overall efficiency:	41,7 [%]
Measurement category:	C
Efficiency category:	Static
Efficiency grade (N) at optimum energy efficiency	56,4
A variable speed drive is integrated within the fan	
Year of manufacture:	See typelabel
Commercial registration number:	Fancom B.V. 12015669 Panningen (NL)
Model number:	IF52 inch HC Xtra
Input power at optimum energy efficiency point:	1811 [W]
Air volume at optimum energy efficiency point:	31950 / 18803 [m ³ /h] / [cfm]
Pressure at optimum energy efficiency point:	100 [pa]
Rotations at optimum energy efficiency point:	615 [RPM]
Compressibility factor:	
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

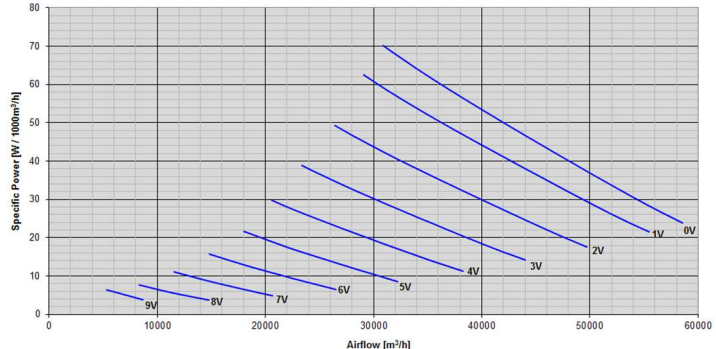
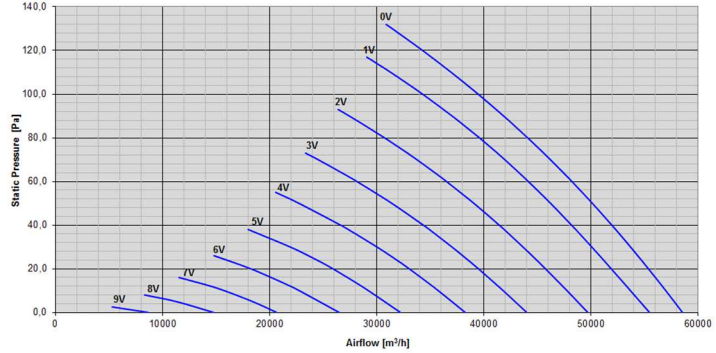
I/O Network

Possibility of communication via the I/O Network. One control computer and maximum 31 network modules (I-fans) can be connected to the I/O Network. Each connected network module has an unique address. After the address has been changed, the network module must always be restarted (switch power off, then on again).



Specifications Fan IF52 inch HC Xtra without shutter (50/60Hz)

Table with columns: Stuur spanning Voltage control, Druk Pressure, Debit Airflow, Toerental Rotations, Vermogen Power, Stroom Current, Luchtsnel. Airspeed, Tot. Rendement Tot. Efficiency, Spec. Verm. Spec. Power. Rows are grouped by voltage (0, 1, 2, 3, 4, 5, 6, 7, 8, 9) and include various operating parameters.





Specifications Fan IF52 inch HC Xtra with shutter (50/60Hz)

Table with multiple columns: Voltage control, Drnk Pressure, Debiet Airflow, Toerental Rotations, Vermogen Power, Stroom Current, Luchtsnel. Airspeed, Tot. Rendement Tot. Efficiency, Spec. Verm. Spec. Power. Rows are organized by voltage (0V, 1V, 2V, 3V, 4V, 5V, 6V, 7V, 8V) and fan speed (0, 1, 2, 3, 4, 5, 6, 7, 8).

