

**Fan ECblue2 FN091-ZIT 33300m³ 3Ph 400V 50/60Hz f/pipe**

Article number: 60-47-9001

**Dimensions**

Actual weight

34.655 kg

Basic data

Montiert

Mounted

Type

Installation in pipe

Chimney

920 - BD & CL920

Rated values

Phases

3 Ph

Nominal frequency [Hz]

50/60 Hz

Control

0-10 V

Classification

IP protection rating

IP55

Certifications

CE, UL

Insulation class (DIN EN 60085)

F

Efficiency rating (ErP)

E15

Rated values 50 Hz

Elektrische Nennleistung

3.5 kW

Nominal voltage delta connection

380-480 V

Nominal current delta connection

5,6-4,4 A

Speed

1130 U/min

Power factor

1



Rated values 50 Hz

Ambient temperature	-35 - 40 °C
Sound power level Lw	84 dB
Sound pressure level Lp	59 dB

Volumetric flow rate 50 Hz

Characteristic curve – 0 Pa	33428 m ³ /h
Characteristic curve – 10 Pa	33142 m ³ /h
Characteristic curve – 20 Pa	32714 m ³ /h
Characteristic curve – 30 Pa	32285 m ³ /h
Characteristic curve – 40 Pa	31857 m ³ /h
Characteristic curve – 50 Pa	31571 m ³ /h
Characteristic curve – 60 Pa	31285 m ³ /h
Characteristic curve – 70 Pa	30714 m ³ /h
Characteristic curve – 80 Pa	30428 m ³ /h
Characteristic curve – 90 Pa	30000 m ³ /h
Characteristic curve – 100 Pa	29571 m ³ /h
Characteristic curve – 110 Pa	29142 m ³ /h
Characteristic curve – 120 Pa	28712 m ³ /h
Characteristic curve – 140 Pa	28000 m ³ /h
Characteristic curve – 160 Pa	27142 m ³ /h
Characteristic curve – 180 Pa	26285 m ³ /h
Characteristic curve – 200 Pa	25012 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	65.1 W/(1000m ³ /h)
Characteristic curve – 10 Pa	67.2 W/(1000m ³ /h)
Characteristic curve – 20 Pa	69.7 W/(1000m ³ /h)
Characteristic curve – 30 Pa	72.2 W/(1000m ³ /h)
Characteristic curve – 40 Pa	74.8 W/(1000m ³ /h)
Characteristic curve – 50 Pa	77.4 W/(1000m ³ /h)
Characteristic curve – 60 Pa	80 W/(1000m ³ /h)
Characteristic curve – 70 Pa	82.5 W/(1000m ³ /h)
Characteristic curve – 80 Pa	85.1 W/(1000m ³ /h)
Characteristic curve – 90 Pa	87.8 W/(1000m ³ /h)
Characteristic curve – 100 Pa	90.6 W/(1000m ³ /h)
Characteristic curve – 110 Pa	93.4 W/(1000m ³ /h)
Characteristic curve – 120 Pa	96.3 W/(1000m ³ /h)
Characteristic curve – 140 Pa	102.2 W/(1000m ³ /h)
Characteristic curve – 160 Pa	108.9 W/(1000m ³ /h)
Characteristic curve – 180 Pa	116 W/(1000m ³ /h)
Characteristic curve – 200 Pa	123 W/(1000m ³ /h)

Rated values 60 Hz

Elektrische Nennleistung	3.5 kW
Nominal voltage delta connection	380-480 V
Nominal current delta connection	5.6-4.4 A
Speed	1130 U/min
Power factor	1
Ambient temperature	-35 - 40 °C
Sound power level Lw	84 dB
Sound pressure level Lp	59 dB



Volumetric flow rate 60 Hz

Characteristic curve – 0 Pa	36102 m ³ /h
Characteristic curve – 10 Pa	35696 m ³ /h
Characteristic curve – 20 Pa	35282 m ³ /h
Characteristic curve – 30 Pa	34860 m ³ /h
Characteristic curve – 40 Pa	34433 m ³ /h
Characteristic curve – 50 Pa	34000 m ³ /h
Characteristic curve – 60 Pa	33564 m ³ /h
Characteristic curve – 70 Pa	33123 m ³ /h
Characteristic curve – 80 Pa	32671 m ³ /h
Characteristic curve – 90 Pa	32203 m ³ /h
Characteristic curve – 100 Pa	31710 m ³ /h