

**Fan ECblue2 FF050 1Ph 50/60Hz 200-277V 11241m³ f/pipe**

Article number: 60-47-9200

**Big Dutchman®****Basic data**

Montiert	Mounted
Type	Installation in pipe
Chimney	500 - BD 520

Rated values

Phases	1 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	0.9 kW
Nominal voltage single-phase	200-277 V
Nominal current single-phase	4,6-3,3 A
Speed	1800 U/min
Power factor	1
Ambient temperature	-35 - 60 °C
Sound power level L _w	79 dB
Sound pressure level L _p	54 dB

**Volumetric flow rate 50 Hz**

Characteristic curve – 0 Pa	11241 m ³ /h
Characteristic curve – 10 Pa	11081 m ³ /h
Characteristic curve – 20 Pa	10924 m ³ /h
Characteristic curve – 30 Pa	10767 m ³ /h
Characteristic curve – 40 Pa	10600 m ³ /h
Characteristic curve – 50 Pa	10440 m ³ /h
Characteristic curve – 60 Pa	10240 m ³ /h
Characteristic curve – 70 Pa	10060 m ³ /h
Characteristic curve – 80 Pa	9877 m ³ /h
Characteristic curve – 90 Pa	9698 m ³ /h
Characteristic curve – 100 Pa	9450 m ³ /h
Characteristic curve – 110 Pa	9260 m ³ /h
Characteristic curve – 120 Pa	8930 m ³ /h
Characteristic curve – 140 Pa	8350 m ³ /h
Characteristic curve – 160 Pa	7320 m ³ /h

Spec. power 50 Hz

Characteristic curve – 0 Pa	74.19 W/(1000m ³ /h)
Characteristic curve – 10 Pa	76.17 W/(1000m ³ /h)
Characteristic curve – 20 Pa	77.81 W/(1000m ³ /h)
Characteristic curve – 30 Pa	80.06 W/(1000m ³ /h)
Characteristic curve – 40 Pa	81.7 W/(1000m ³ /h)
Characteristic curve – 50 Pa	83.33 W/(1000m ³ /h)
Characteristic curve – 60 Pa	85.55 W/(1000m ³ /h)
Characteristic curve – 70 Pa	87.87 W/(1000m ³ /h)
Characteristic curve – 80 Pa	89.91 W/(1000m ³ /h)
Characteristic curve – 90 Pa	91.77 W/(1000m ³ /h)
Characteristic curve – 100 Pa	94.71 W/(1000m ³ /h)
Characteristic curve – 110 Pa	96.76 W/(1000m ³ /h)
Characteristic curve – 120 Pa	100.45 W/(1000m ³ /h)
Characteristic curve – 140 Pa	106.59 W/(1000m ³ /h)
Characteristic curve – 160 Pa	118.17 W/(1000m ³ /h)

Rated values 60 Hz

Elektrische Nennleistung	0.9 kW
Nominal voltage single-phase	200-277 V
Nominal current single-phase	4,6-3,3 A
Speed	1800 U/min
Power factor	1
Ambient temperature	-35 - 60 °C
Sound power level L _w	79 dB
Sound pressure level L _p	54 dB

Volumetric flow rate 60 Hz

Characteristic curve – 0 Pa	11241 m ³ /h
Characteristic curve – 10 Pa	11081 m ³ /h
Characteristic curve – 20 Pa	10924 m ³ /h
Characteristic curve – 30 Pa	10767 m ³ /h
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Characteristic curve – 70 Pa	10060 m ³ /h

**Volumetric flow rate 60 Hz**

Characteristic curve – 80 Pa	9877 m ³ /h
Characteristic curve – 90 Pa	9698 m ³ /h
Characteristic curve – 100 Pa	9450 m ³ /h
Characteristic curve – 110 Pa	9260 m ³ /h
Characteristic curve – 120 Pa	8930 m ³ /h
Characteristic curve – 140 Pa	8350 m ³ /h
Characteristic curve – 160 Pa	7320 m ³ /h

Spec. power 60 Hz

Characteristic curve – 0 Pa	74.19 W/(1000m ³ /h)
Characteristic curve – 10 Pa	76.17 W/(1000m ³ /h)
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