

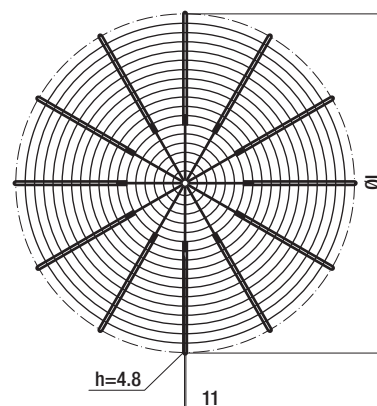
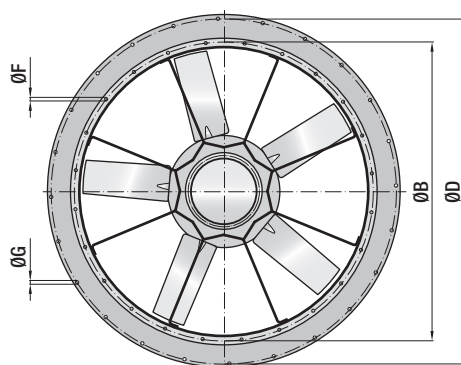
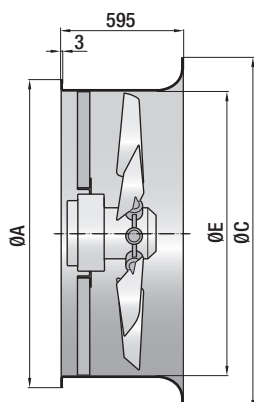
Outer dimensions and inner values.

Nominal data		Nominal voltage range	Frequency	Speed/rpm ⁽¹⁾	Max. input power ⁽¹⁾	Max. current draw ⁽¹⁾	Perm. amb. temp.	Mass
Article number	Motor	VAC	Hz	min ⁻¹	W	A	°C	kg
W3G B20-IQ07-01	M3G 200-QA	3 ~ 380-480	50/60	1,550	9,500	14.60	-40...+60	195
W3G Z50-IQ08-01	M3G 200-QA	3 ~ 380-480	50/60	1,140	8,300	12.80	-40...+50	205
W3G E00-IT10-01	M3G 200-QA	3 ~ 380-480	50/60	950	7,350	11.20	-40...+60	210
W3G G00-IT02-01	M3G 200-QA	3 ~ 380-480	50/60	700	5,620	8.55	-40...+60	225

Subject to alterations (1) Nominal data in operating point with maximum load and 400 VAC

- Temperatures of flow medium deviating from this upon request
- All fans exceed the ecodesign requirements in line with EU 327/2011
- GreenTech EC motor exceeds efficiency class IE4 (super premium efficiency)
- Balance quality of the rotating unit Q 6.3
- Protection class IP54
- Mounting dimensions in line with EUROVENT 1/2

Dimensions



Fan	Size	A	B	C	D	E	F	G
W3G B20-IQ07-01	1,120	1,230	1,190	1,360	1,320	1,120	15 (20x)	15 (20x)
W3G Z50-IQ08-01	1,250	1,360	1,320	1,510	1,470	1,260	15 (20x)	15 (20x)
W3G E00-IT10-01	1,400	1,510	1,470	1,730	1,680	1,400	15 (20x)	19 (24x)
W3G G00-IT02-01	1,600	1,730	1,680	1,930	1,880	1,600	19 (24x)	19 (24x)

A: Flange outer dimension, pressure side C: Flange outer dimension, intake side E: Housing diameter
B: Flange pitch circle dimension, pressure side D: Flange pitch circle dimension, intake side F, G: Bore hole diameter (number of boreholes)

Dimensions in mm

Guard grille*	Size for intake side mounting	Size for pressure side mounting	L
91112-2-4039	–	1,120	1,190
91125-2-4039	1,120	1,250	1,320
91140-2-4039	1,250	1,400	1,470
91160-2-4039	1,400	1,600	1,680
91180-2-4039	1,600	–	1,880

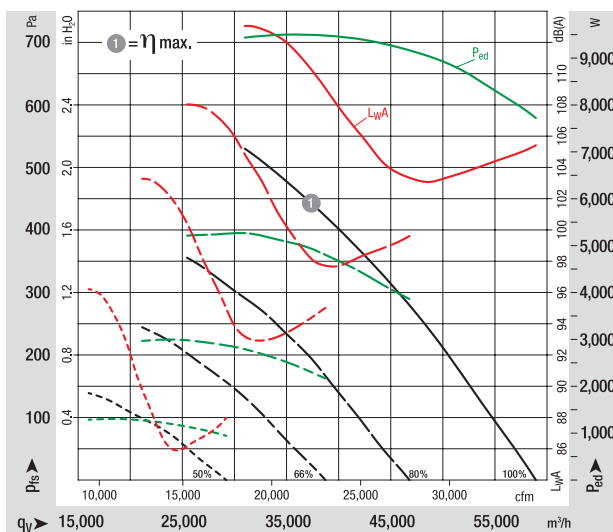
*By separate delivery, not mounted L: Pitch circle diameter of guard grille Dimensions in mm

Impressive figures.

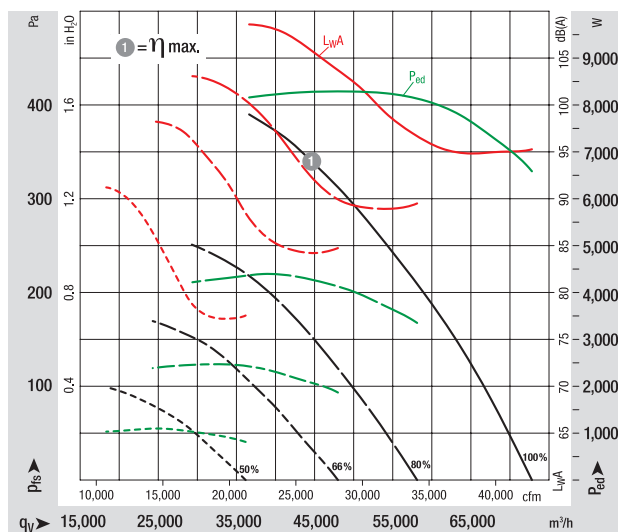
The performance measurements for all fans are conducted on cutting edge airflow test rigs. The entire fan unit, consisting of the motor, the control electronics and the impeller, is measured at different load levels. This provides us with reliable data, meaning that when you are choosing your fans, you can count on these values being met.

This rules out any nasty surprises when commissioning the fans. The measurement data form the basis for the design program available on request. Use this software to calculate expected operating costs or conduct a cost analysis for the life cycle.

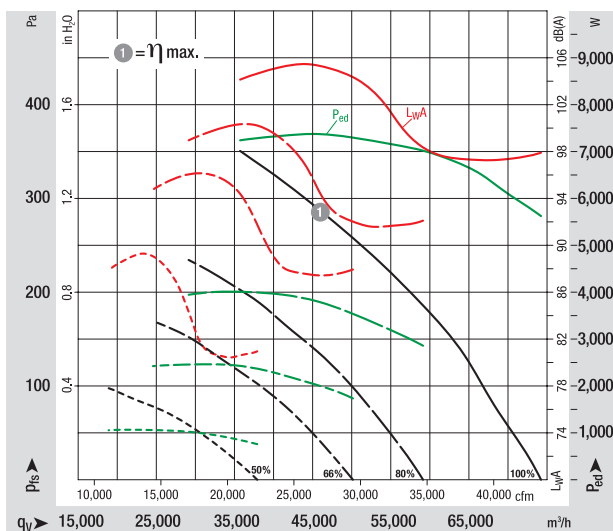
EC medium pressure axial fan size 1120



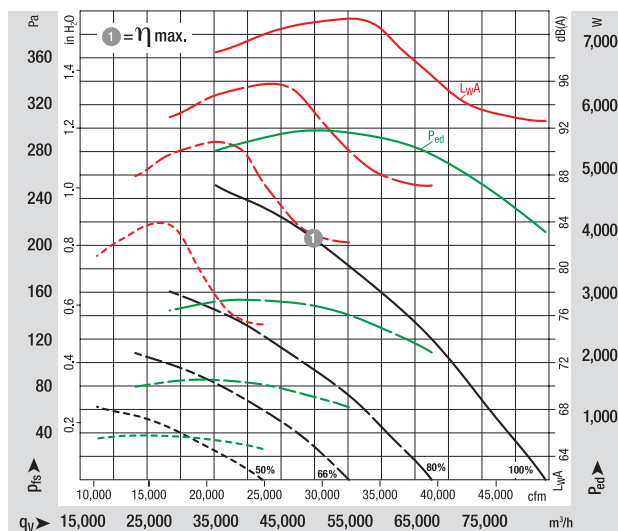
EC medium pressure axial fan size 1250



EC medium pressure axial fan size 1400



EC medium pressure axial fan size 1600



Air performance measured as per: ISO 5801, Installation category A, with ebm-papst inlet nozzle without protection against accidental contact. Suction-side noise levels: L_{wA} as per ISO 13347, LpA measured at 1 m distance to fan axis. The acoustic values given are only valid under the measurement conditions listed and may vary depending on the installation situation. With any deviation to the standard setup, the specific values have to be checked and reviewed once installed or fitted!