

# W1G200-EC SERIES

## ENERGY SAVING ALTERNATIVE

EC motors make this series the smart substitute for less efficient shaded-pole motor fans

### *innovative, versatile refrigeration fan*

ebm-papst Inc. presents the W1G200-EC series of energy saving axial fans. This addition to the ebm-papst product line is a versatile alternative to traditional axial fans that use shaded-pole motors for refrigeration applications. Just over three inches, W1G200-EC series fans have a much shorter installation depth than conventional fans with shaded-pole motors. Retrofitting to larger openings is simple using an available sheet metal mounting adapter ring, which increases the outside diameter by 20% and whose shape can be modified by the end user to avoid areas of interference in the application. The electronically commutated motor is programmable for two selectable speed steps, which can be adjusted in the field using a laptop PC to set the fan speeds that best meet the application requirements.

### *Benefits*

- ▶ A single W1G200-EC series P/N could be used for many applications just by programming different speed settings, reducing inventory and lead time
- ▶ Installation is quick using the mounting holes on the built-in 9.85" diameter plastic wall ring
- ▶ Outside diameter is easily expanded to 12" with an available adapter ring P/N HX0F-000-200-01
- ▶ Adapter ring can be modified in the field to avoid areas of interference
- ▶ Speed steps are quickly programmable in the field using a laptop PC and a small programming box P/N CBC000-AC02-02
- ▶ UL507 and UL1004-3 (UL2111) compliant
- ▶ More fan sizes now available! Check them out online at [www.ebmpapst.us/esm](http://www.ebmpapst.us/esm)



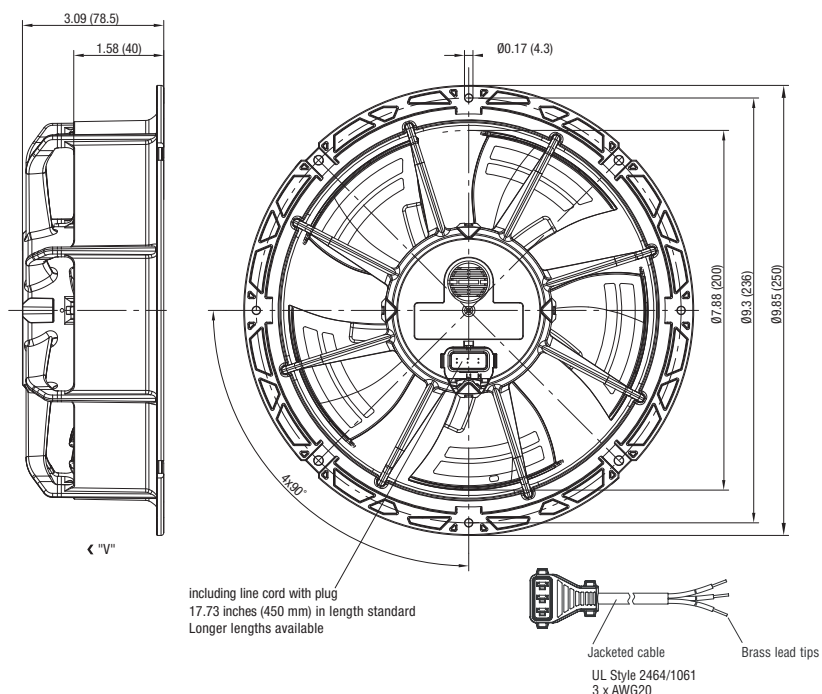
### *Applications:*

- ▶ Replacement for shaded-pole motor fans
- ▶ Freezer cabinets
- ▶ Ice machines
- ▶ Reach-in coolers
- ▶ Condensers
- ▶ Food display cases

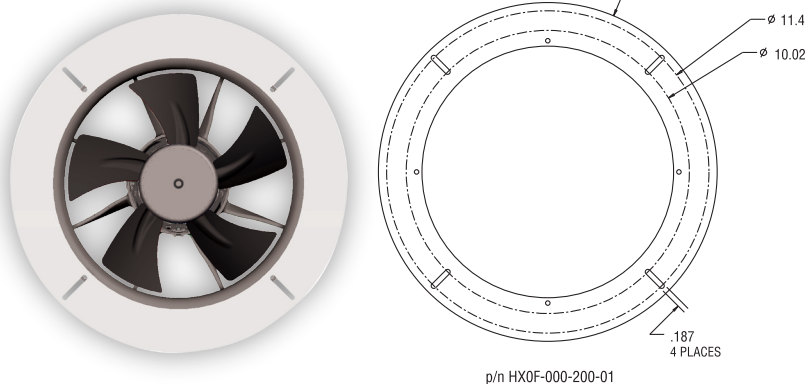


# W1G200-EC series

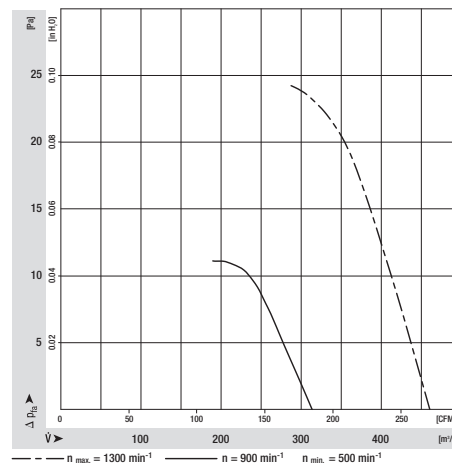
Measurement Key: Inches (mm)



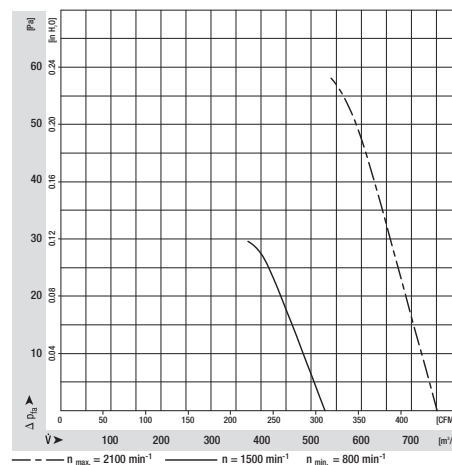
## Fan with adapter ring



## Characteristics (programmable)



## Characteristics (programmable)



Nominal data	Voltage	Frequency	Air flow <sup>(1)</sup>	Speed	Power input <sup>(1)</sup>	Current draw <sup>(1)</sup>	Sound pressure level <sup>(1)</sup>	Perm. amb. temp.	Weight
Type	VAC	Hz	cfm	rpm	W	A	dB(A)	°C	lbs
W1G200-EC91-27	115	50/60	271	1300	8	0.12	42	-30..+50	2.2
W1G200-EC95-47	115	50/60	442	2100	29	0.44	55	-30..+50	2.2
W1G200-EC87-25	230	50/60	271	1300	8	0.06	42	-30..+50	2.2
W1G200-EC91-45	230	50/60	442	2100	29	0.22	55	-30..+50	2.2

subject to alterations

<sup>(1)</sup> at free air