

ACmaxx THE NEW GENERATION OF AC FANS

breakthrough technology resulting in versatile, energy saving AC fans

the forefront of ac technology

ebm-papst Inc. has introduced ACmaxx technology for fans. This progressive product line is extremely versatile and can be used from 85 – 265 volts, 50 and 60 Hertz for the worldwide voltages. With up to 75% lower power consumption, the ACmaxx allows for a cost savings of at least 50% over standard AC fans! The ACmaxx fans have completely integrated drive and control electronics for flexibility in your applications. With features such as higher air flow, optional variable speed control, failure detection, optional humidity or salt fog protection, speed and function monitoring, the ACmaxx will revolutionize the way you think about AC. A broad range of ACmaxx fans will be available for use in the industrial sector in switch cabinets, filter fans, welding machines, coolers, freezers, and ventilation systems.



ACmaxx benefits

- 1:1 replacement for standard AC fans without structural changes
- Large power reserves for higher air flow
- Alarm or tacho output for functional control
- Up to 85% greater durability and longer servicing/maintenance intervals

possible applications

- switch cabinets
- beverage coolers
- welding machines
- coolers and freezers
- in-line fans for ventilation
- vending machines

ACmaxx: Simply Better than AC

series data

additional sizes may be available



AC3200JH

Nominal Voltage	V AC	115 / 230 (50 / 60 Hz)
Voltage Range	V AC	85 ... 265
Nominal Speed	min ⁻¹	6 800
Max. flow rate	m ³ /h	146
Max. flow rate	CFM	86
Noise free air	dB(A)	55
Power consumption	W	11
Permanent ambient temperature	°C	-20 ... +70
at max. voltage		
Service life (70 °C)	h	35 000
Service life (40 °C)	h	70 000
Fan housing / impeller		PBTP / PA
Bearing system		Ball bearings
Mass	g	345



AC4300H

Nominal Voltage	V AC	115 / 230 (50 / 60 Hz)
Voltage Range	V AC	85 ... 265
Nominal Speed	min ⁻¹	3 400
Max. flow rate	m ³ /h	204
Max. flow rate	CFM	120
Noise free air	dB(A)	51
Power consumption	W	10.5
Permanent ambient temperature	°C	-20 ... +70
at max. voltage		
Service life (70 °C)	h	20 000
Service life (40 °C)	h	45 000
Fan housing / impeller		PBTP / PA
Bearing system		Ball bearings
Mass	g	325



AC6100NM

Nominal Voltage	V AC	115 / 230 (50 / 60 Hz)
Voltage Range	V AC	85 ... 265
Nominal Speed	min ⁻¹	2 850
Max. flow rate	m ³ /h	350
Max. flow rate	CFM	206
Noise free air	dB(A)	50
Power consumption	W	11
Permanent ambient temperature	°C	-20 ... +70
at max. voltage		
Service life (70 °C)	h	37 500
Service life (40 °C)	h	80 000
Fan housing / impeller		PBTP / PA
Bearing system		Ball bearings
Mass	g	675



AC6200NM

Nominal Voltage	V AC	115 / 230 (50 / 60 Hz)
Voltage Range	V AC	85 ... 265
Nominal Speed	min ⁻¹	2 850
Max. flow rate	m ³ /h	350
Max. flow rate	CFM	206
Noise free air	dB(A)	50
Power consumption	W	12
Permanent ambient temperature	°C	-20 ... +70
at max. voltage		
Service life (70 °C)	h	37 500
Service life (40 °C)	h	80 000
Fan housing / impeller		PBTP / PA
Bearing system		Ball bearings
Mass	g	780