



SERIES: CFM-80V | **DESCRIPTION:** DC AXIAL FAN

FEATURES

- omniCOOL™ bearing system
- 80 x 80 mm frame
- multiple speed options for different cooling needs
- tachometer signal and rotation detect options available
- auto restart protection standard on all models

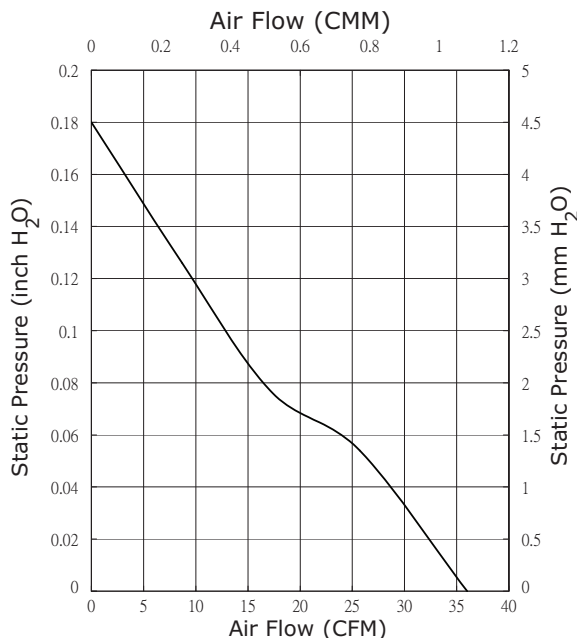


MODEL

MODEL	input voltage		input current ¹	input power ¹	rated speed ¹	air flow ²	static pressure ³	noise ⁴
	rated [Vdc]	range [Vdc]	max [mA]	max [W]	typ [RPM±10%]	[CFM]	[inch H ₂ O]	max [dBA]
CFM-8020V-133-380*	12	6~13.8	150	1.80	3300	36.0	0.18	38.0

PERFORMANCE CURVES

CFM-8020V-133-380



CFM-8015V-124-308 - XX - CXX

Base Number

Fan Signals
 "blank" = no signals
 11 * = rotation detector signal
 20 = tachometer signal

Reserved for Custom Configurations

CUI DEVICES | SERIES: CFM-80V | DESCRIPTION: DC AXIAL FAN

MECHANICAL

parameter	conditions/description	min	typ	max	units
motor	4 pole DC brushless				
bearing system	omniCOOL™				
direction of rotation	counter-clockwise viewed from front of fan blade				
dimensions	CFM-8015V models: 80 x 80 x 15 CFM-8020V models: 80 x 80 x 20 CFM-8025V models: 80 x 80 x 25				mm mm mm
material	PBT (UL94V-0)				
weight	CFM-8015V models CFM-8020V, 3900-4600 RPM models CFM-8020V, all other models CFM-8025V, 4200-4600 RPM models CFM-8025V, all other models		68 85 66 91 75		g g g g g

MECHANICAL DRAWINGS

units: mm

wire: UL 1007, 24 AWG

MOUNTING SCREW (Pan Head)			
Screw Type	Size	Standard	Torque
Machine Screw	M4	JIS B1111-1974	3~4 kgf-cm
Self-tapping Screw	M5	JIS B1122 Type 2	6~8 kgf-cm

CFM-8020V

WIRE CONNECTIONS	
Wire Color	Function
Red	+Vin
Black	-Vin
White ¹	RD Signal
Yellow ¹	Tach Signal

