



SERIES: CFM-120V | **DESCRIPTION:** DC AXIAL FAN

FEATURES

- omniCOOL™ bearing system
- 120 x 120 mm frame
- multiple speed options for different cooling needs
- tachometer signal and rotation detect options available
- auto restart protection standard on all models

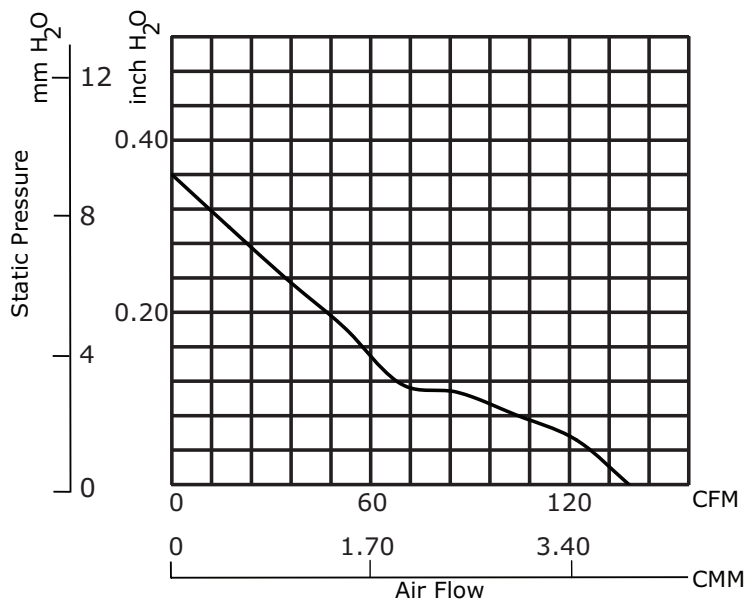


MODEL

	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-A238V-131-480	12	6.0-13.8	958	11.50	3100	138.0	0.36	48.0

PERFORMANCE CURVES

CFM-A238V-131-480



CFM-A225V-122-340 - XX - CXX

Base Number

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

Reserved for Custom Configurations

CUI DEVICES | SERIES: CFM-120V | 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-A225V models: 120 x 120 x 25 CFM-A238V models: 120 x 120 x 38				mm mm
material	PBT (UL94V-0)				
weight	CFM-A225V models CFM-A238V models		162 218		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-A238V

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

