

VARIOFLOW MRS Series

180mm-90mm



- Variable resistor is provided with the Fan

Materials

Frame : Aluminum Die Cast
Blades : Resin
Flammability Grade: V-O

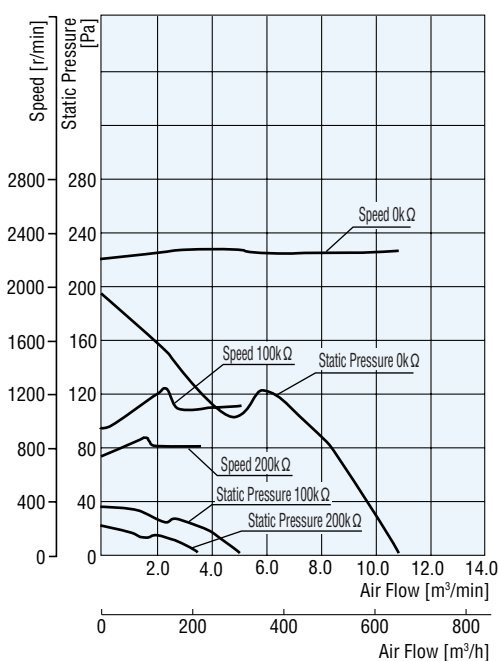
Specifications

Model	Voltage V	Frequency Hz	Current A	Input Power W	Resistance k Ω	Speed r/min	Max. Air Flow m ³ /min (m ³ /h)	Max. Static Pressure Pa	Noise Level dB
MRS18V2-D	Single-Phase 200	50	0.6	74	0	2800	11.0(660)	186	56
					200	1000	3.9(234)	19.6	46
		60	0.7	100	0	3200	12.0(720)	196	60
	Single-Phase 230				200	750	2.8(168)	12	40
		50	0.6	84	0	2850	11.0(660)	196	56
		60	0.7	100	0	3350	12.8(768)	255	61
MRS18V2-B	Single-Phase 100				200	1100	4.0(240)	23.5	44
		50	1.2	74	0	2800	11.0(660)	186	56
		60	1.4	100	0	3200	12.0(720)	196	60
	Single-Phase 115				200	750	2.8(168)	12	40
		50	1.2	74	0	2800	11.0(660)	186	56
		60	1.4	100	0	3350	12.8(768)	255	61

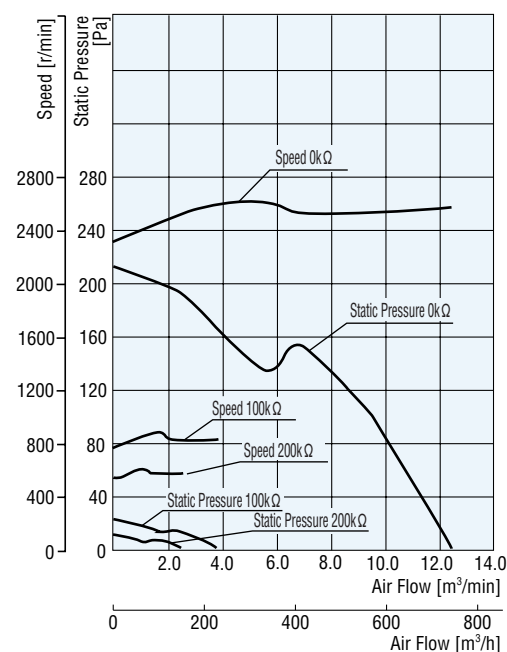
- Values for maximum air flow and maximum static pressure are measured by the double-chamber method.
- Noise level is measured in the A range, at a distance of 1m from the fan intake side.
- A thermal protector is installed. If the fan heats up, the thermal protector goes into operation and the fan stops. Once the fan temperature drops, it will automatically restart. Perform inspection work after turning off the power source.
- Fans bearing the CE mark should only be used with Class I equipment. When installing into the equipment, either earth the fan or ensure that there is no contact with bare hands. For protection, use the optional finger guard.
- Standards specifications are listed on page D-2.

Air Flow – Static Pressure Characteristics

50Hz



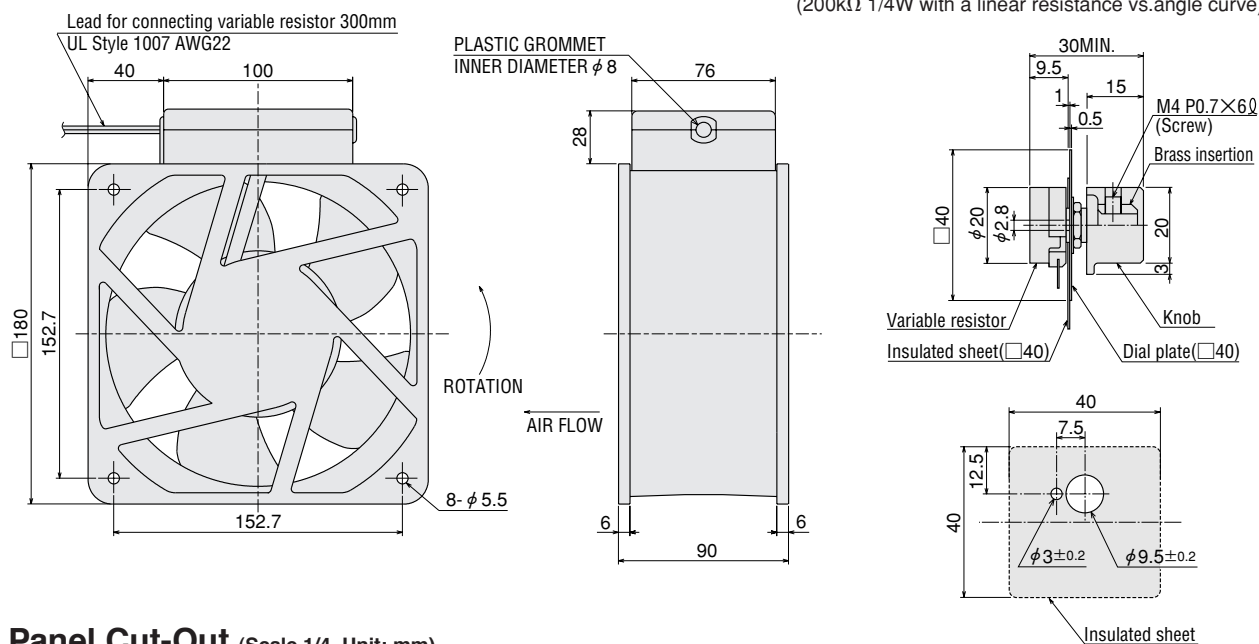
60Hz



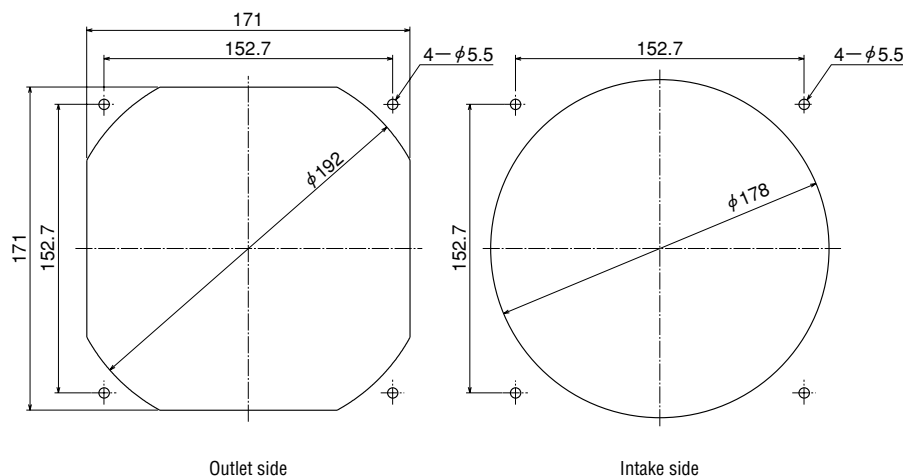
■ Dimensions (Scale 1/4, Unit=mm)

● Mass: 2.5kg

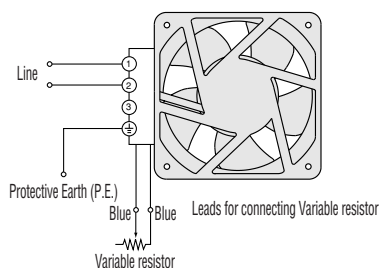
● Variable resistor (included)
(200k Ω 1/4W with a linear resistance vs.angle curve)



■ Panel Cut-Out (Scale 1/4, Unit: mm)



■ Wiring Diagram



■ Accessories (Sold separately)

Item	Model	Safety Standards	Page
Finger Guard	FG18D	*	C-98
Filter	FL18	—	C-101

* These products have been designed to pass tests set forth under the UL and CSA standards for equipment used in fans. They conform to the standards only when used in an **ORIX.FAN**.



● A filter can be installed in place of the finger guard.



COOLING FANS

Axial Flow Fans	DC Long life MDE	AC MMS	AC MU	DC MDS-MD	Variable Flow		
Centrifugal Blowers		AC MB		DC MBD			
Cross Flow Fans		AC MF		DC MFD			
						Accessories	