

# 08025VE Potting II

Industrial

2023/12/27

## General Specifications

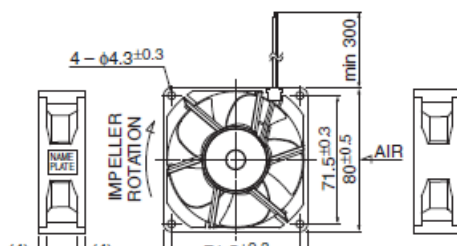


Motor Protection: Auto Restart / Polarity Protection  
 Insulation Resistance: 10M ohm or over with a DC500V Megger  
 Dielectric Withstand Voltage: AC700V 1s  
 Allowable Ambient Temperature Range : -10deg.C - +60deg.C (Operating)  
 -40deg.C - +70deg.C (Storage)  
 non-condensing environment IP Code: IP68

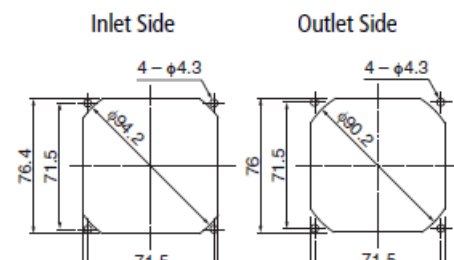
## Expected Life

60deg.C 40,000 Hours \*Failure Rate 10% (L10 Life)

## Outline



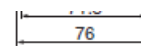
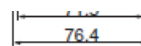
## Panel Out-cuts



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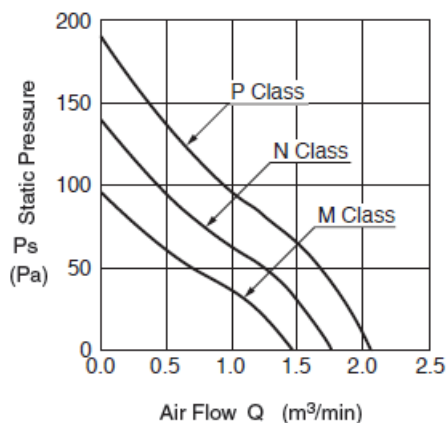
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\* Outline is C (Rib) type.

## Characteristic Curves



## Material

Casing: Plastic (Black) UL94V-0

Impeller: Plastic (Black) UL94V-0

Bearing: Ball

Bearing Lead Wire: UL3385 AWG26 +: Red, -: Black

## Specifications

Model	Product No	Nominal Voltage [V]	Operating Voltage lower limit [V]	Operating Voltage upper limit [V]	Current [A]	Input Power [W]
08025VE-12M-□AD-0	0	12	7.0	13.8	0.23	2.76
08025VE-12N-□AD-	0	12	7.0	13.8	0.26	4.22

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Model	Speed [min-1]	Max. Air Flow [m3/min]	Max. Air Flow [CFM]	Max. Static Pressure [Pa]	Max. Static Pressure [In H2O]	Noise [dB]	Mass [g]
08025VE-12P-□AD-0	0	12	7.0	13.8	0.57	6.84	
08025VE-24M-□AD-0	0	24	14.0	26.4	0.12	2.88	
08025VE-24N-□AD-0	0	24	14.0	26.4	0.20	4.80	
08025VE-24P-□AD-0	0	24	14.0	26.4	0.28	6.72	

Model	Speed [min-1]	Max. Air Flow [m3/min]	Max. Air Flow [CFM]	Max. Static Pressure [Pa]	Max. Static Pressure [In H2O]	Noise [dB]	Mass [g]
08025VE-12M-□AD-0	5000	1.48	52.20	96.8	0.38	43.0	120.0
08025VE-12N-□AD-0	6000	1.77	62.40	139.4	0.56	47.0	120.0
08025VE-12P-□AD-0	7000	2.07	73.00	189.6	0.75	53.0	120.0
08025VE-24M-□AD-0	5000	1.48	52.20	96.8	0.38	43.0	120.0
08025VE-24N-□AD-0	6000	1.77	62.40	139.4	0.56	47.0	120.0
08025VE-24P-□AD-0	7000	2.07	73.00	189.6	0.75	53.0	120.0

Rotation: Clockwise as seen from the spoke side

Airflow Outlet: Spoke side

\*1: Average Values in Free Air

□ = Casing Form C : Rib Type、G : Flange Type