

12539JE for Evaporator

Refrigerator

2023/12/27

General Specifications



Motor Protection: Auto Restart

Insulation Resistance: 10M ohm or over with a DC500V Megger

Dielectric Withstand Voltage: AC700V 1s

Allowable Ambient Temperature Range : -40deg.C - +40deg.C (Operating)

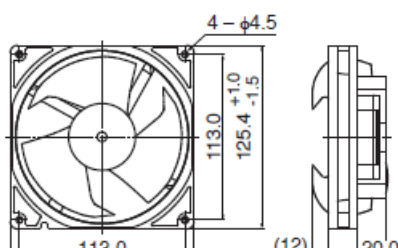
-40deg.C - +70deg.C (Storage)

non-condensing environment

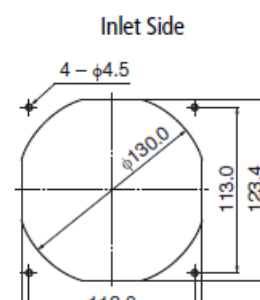
Expected Life

-20deg.C 70,000 Hours *Failure Rate 10% (L10 Life)

Outline



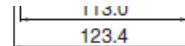
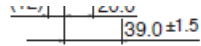
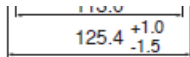
Panel Out-cuts



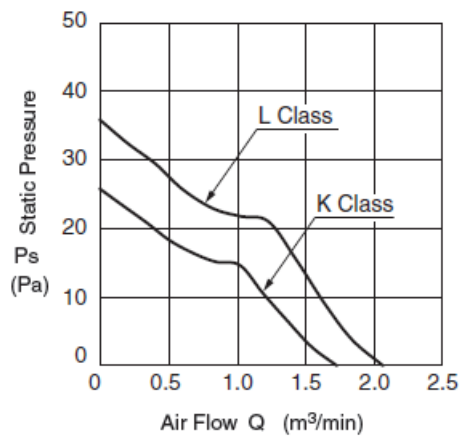
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Characteristic Curves



Material

Casing: Plastic (Black) UL94V-0

Impeller: Plastic (Green) UL94HB

Bearing: Ball

BearingLead Wire: UL1007 AWG26 +: Red, -: Black

Potting

Casing: Plastic (Black) UL94V-0

Impeller: Plastic (Black) UL94V-0

Bearing: Ball

BearingLead Wire: UL1007 AWG24 +: Red, -: Black

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Specifications

Model	Product No	Nominal Voltage [V]	Operating Voltage lower limit [V]	Operating Voltage upper limit [V]	Current [A]	Input Power [W]
12539JE-12K-BA-F0	F0	12	7.0	14.0	0.16	1.92
12539JE-12L-BA-F0	F0	12	7.0	13.2	0.24	2.88

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]
12539JE-12K-BA-F0	2080	1.76	62.10	25.4	0.10	32.0	190.0
12539JE-12L-BA-F0	2300	2.12	74.90	36.3	0.15	34.0	190.0

Rotation: Clockwise as seen from the label side

Airflow Outlet: Label side

*1: Average Values in Free Air