

# 12537JE 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)

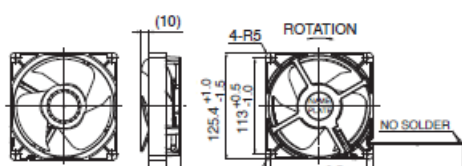
-40deg.C - +70deg.C (Storage)

non-condensing environment

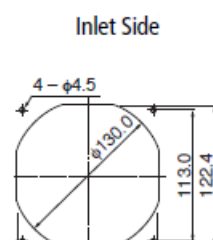
## Expected Life

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

## Outline



## Panel Out-cuts



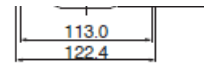
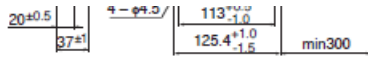
ミネベアミツミ株式会社

Copyright©MinebeaMitsumi Inc. All right reserved.

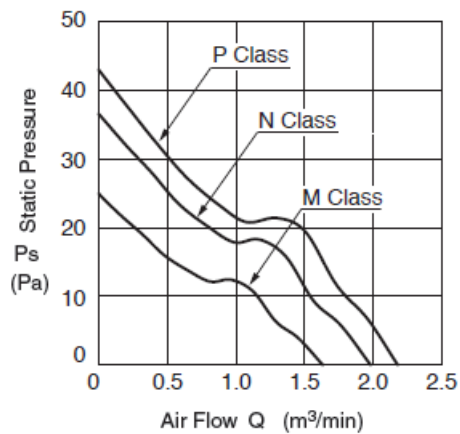
# 12537JE for Evaporator

Refrigerator

2023/12/27



## Characteristic Curves



## Material

Casing: Plastic (Black) UL94V-0

Impeller: Plastic (Black) UL94V-0

Bearing: Ball

BearingLead Wire: UL1007 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]
12537JE-12M-BA-F0	F0	12	7.0	13.2	0.07	0.84

**12537JE for Evaporator**

Refrigerator

2023/12/27

12537JE-12N-BA-F0	F0	12	7.0	13.2	0.10	1.20
12537JE-12P-BA-F0	F0	12	7.0	13.2	0.14	1.69

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]
12537JE-12M-BA-F0	1900	1.62	57.60	24.8	0.10	26.0	220.0
12537JE-12N-BA-F0	2300	1.96	69.20	36.6	0.15	32.0	220.0
12537JE-12P-BA-F0	2550	2.17	76.80	42.9	0.17	35.0	220.0

Rotation: Clockwise as seen from the label side

Airflow Outlet: Label side

\*1: Average Values in Free Air