

# 10030GE 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)

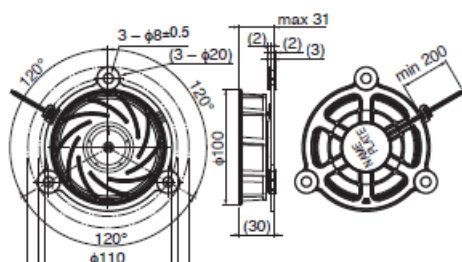
-40deg.C - +70deg.C (Storage)

non-condensing environment

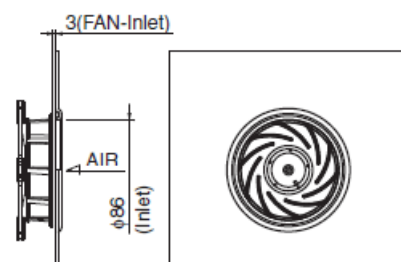
## Expected Life

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

## Outline



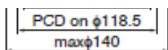
## Measurement Condition\*2



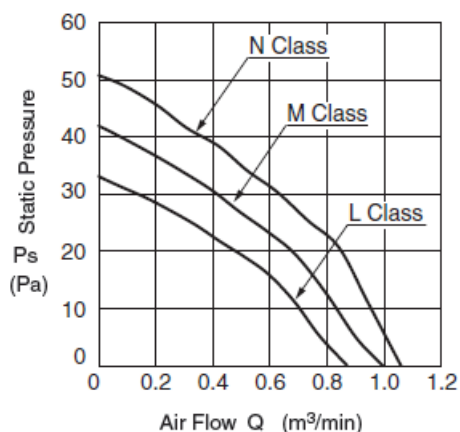
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## Characteristic Curves



## 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]
10030GE-12L-YA-F0	F0	12	7.0	13.8	0.10	1.20
10030GE-12M-YA-	F0	12	7.0	13.8	0.12	1.44

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F0						
10030GE-12N-YA-F0	F0	12	7.0	13.8	0.15	1.80

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]
10030GE-12L-YA-F0	2000	0.86	30.40	32.9	0.13	30.0	130.0
10030GE-12M-YA-F0	2250	0.99	35.00	41.8	0.17	33.0	130.0
10030GE-12N-YA-F0	2500	1.05	37.10	50.7	0.20	35.5	130.0

Rotation: Counterclockwise as seen from the label side

Airflow Outlet: Side Direction

\*1: Average Values in Free Air

\*2: With installation cover for measurement