

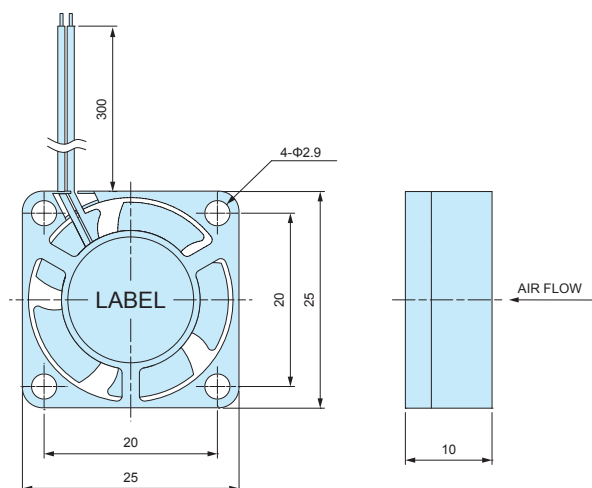
AGE series**COOLING FAN**Heat
Resistant

■ Affordable Cooling Fan AGE series is now available.

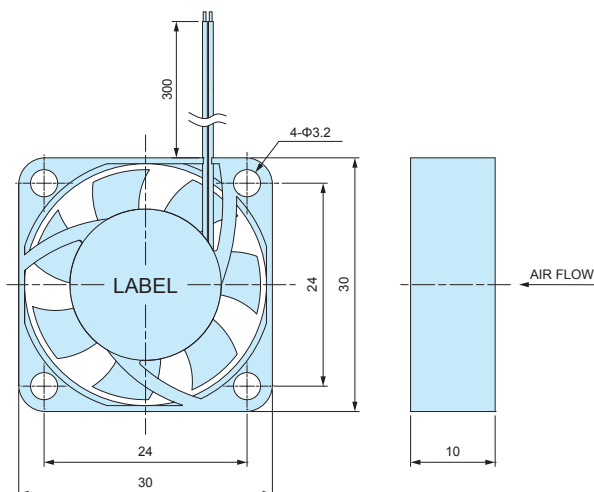
■ DXF/DWG/PDF drawings available on our website.

AGE02510B

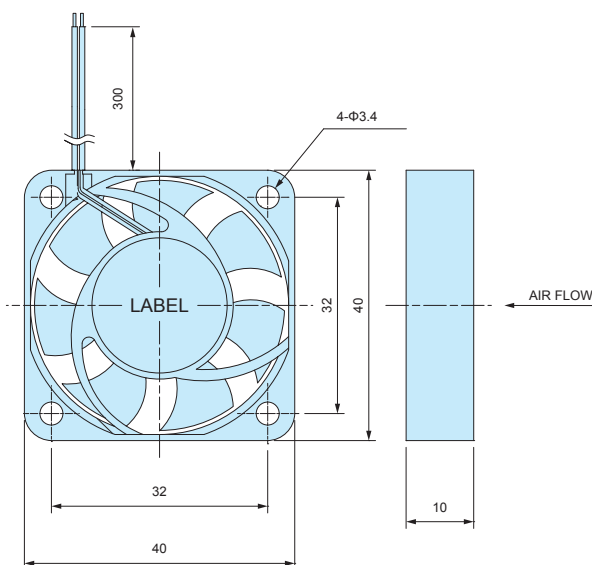
Lead wire UL1571 AWG28

**AGE03010B**

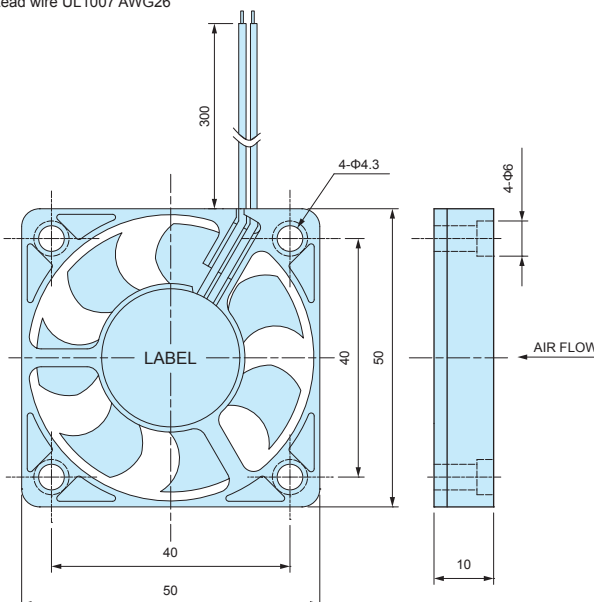
Lead wire UL1571 AWG28

**AGE04010B**

Lead wire UL1007 AWG26

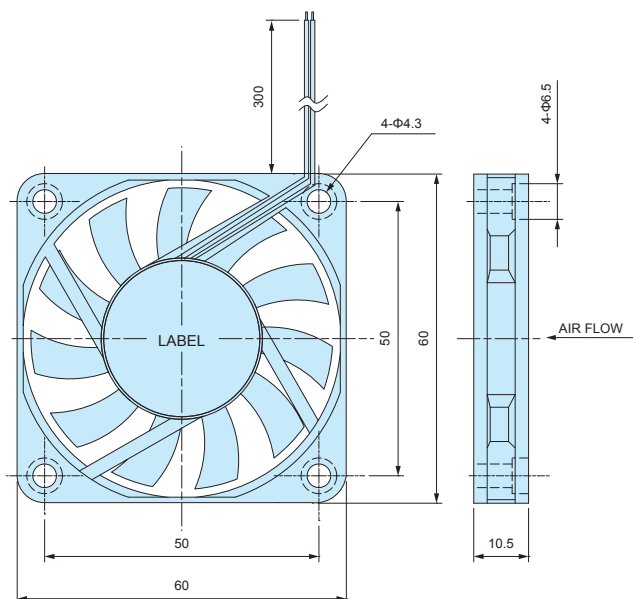
**AGE05010B**

Lead wire UL1007 AWG26



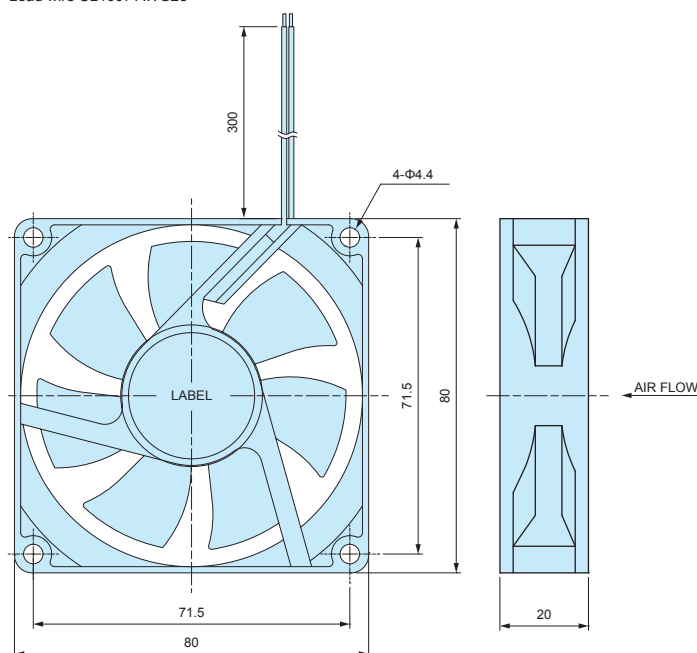
AGE06010B

Lead wire UL1007 AWG26



AGE08020B

Lead wire UL1007 AWG28



Product no. / Details

Product no.	Outer dimensions (mm)	Rated voltage (V)	Voltage range (V)	Rated current (A)	Rated input (W)	Max airflow (m3/min)	Max static pressure (pa)	Rotation speed (min-1)	Operating temperature	Life expectancy (H)
NEW AGE02510B	25.0 x 25.0 x 10.0	DC 5	4.5 ~ 5.5	0.12	0.6	0.04	18.6	7,000	-10°C ~ +50°C	70,000
NEW AGE03010B	30.0 x 30.0 x 10.5	DC12	7.0 ~ 13.2	0.05	0.6	0.08	22.4	6,000	-10°C ~ +50°C	70,000
NEW AGE04010B	40.0 x 40.0 x 10.0	DC12	7.0 ~ 13.2	0.09	1.08	0.13	13.9	4,000	-10°C ~ +50°C	70,000
NEW AGE05010B	50.0 x 50.0 x 10.0	DC12	7.0 ~ 13.2	0.07	0.84	0.3	34.9	5,500	-10°C ~ +50°C	70,000
NEW AGE06010B	60.0 x 60.0 x 10.5	DC12	7.0 ~ 13.2	0.3	3.6	0.4	20.4	3,500	-10°C ~ +50°C	70,000
NEW AGE08020B	80.0 x 80.0 x 20.0	DC12	7.0 ~ 13.2	0.07	0.84	0.78	22.4	2,400	-10°C ~ +50°C	70,000

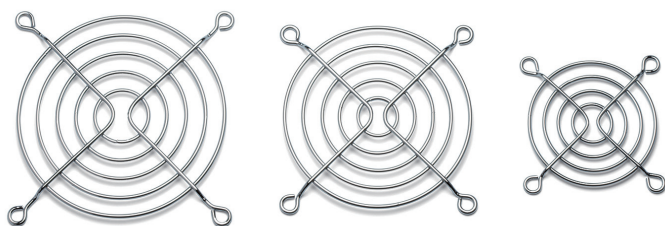
■ Life expectancy is measured under normal operational conditions.

HF-G series

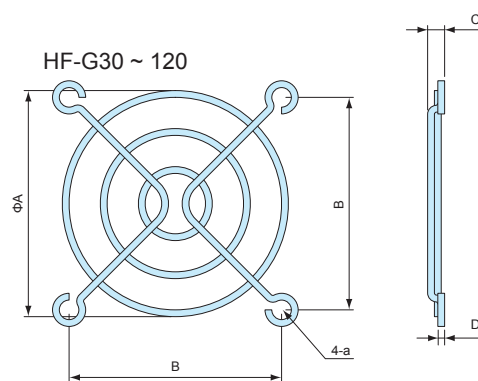
FAN GUARD



■ DXF/DWG/PDF drawings available on our website.



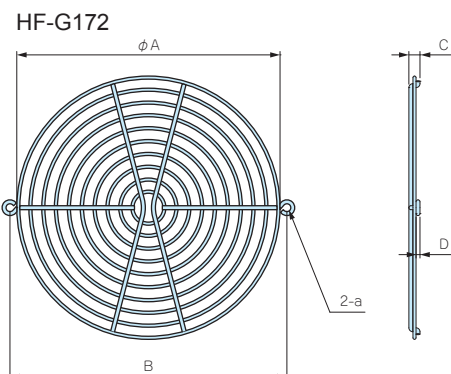
■ Material : Steel wire



Product no. / Details

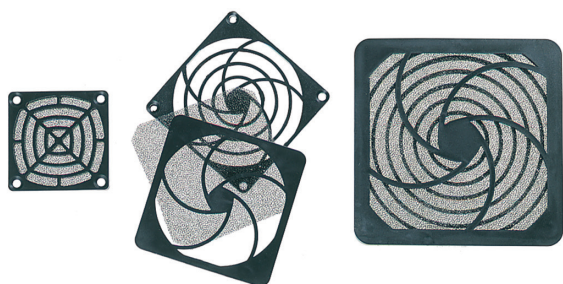
■ Shape vary by model.

Product no.	A	B	C	D	a	Surface finish
HF-G 30	26	24	4.5	1.4	M3	Chrome plated
HF-G 40	29	32	5	1.6	M3 and M4	Nickel chrome plated
HF-G 50	41	42	5	1.6	M3 and M4	Chrome plated
HF-G 60	53	50	4.5	1.6	M4	Nickel chrome plated
HF-G 80	76.5	71.5	5	1.8	M4	Nickel chrome plated
HF-G 90	85.5	82.5	5	1.8	M4	Nickel chrome plated
HF-G120	115	104.8	3.6	1.8	M4	Nickel chrome plated
NEW HF-G172	154	162	6.5	2.3	M4	Nickel chrome plated



HF-P series

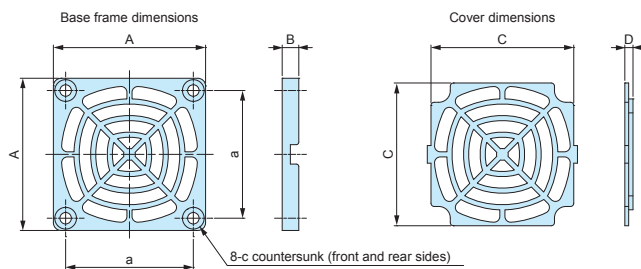
FAN DUST FILTER

Heat
Resistant

■ DXF/DWG/PDF drawings available on our website.

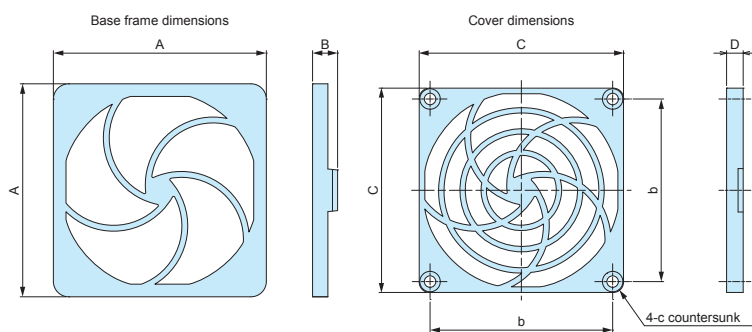
HF-P40 • HF-P60

※Drawings for HF-P60 model



HF-P80 • HF-P90 • HF-P120

※Drawings for HF-P80 model.



Components

No.	Part name	Material	Color
1	Base frame	ABS UL94V-0	Black
2	Cover	ABS UL94V-0	Black
3	Filter	Polyurethane foam	Gray

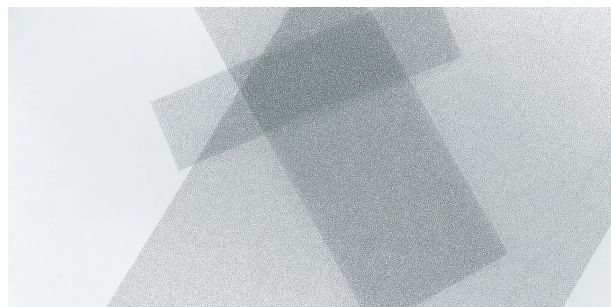
Product no. / Details

■ Shape vary by model.

Product no.	A	B	C	D	a	b	c
HF-P 40	40	6.3	37	3.2	32	—	M3
HF-P 60	59.6	6.5	55.9	3.2	50	—	M4
HF-P 80	83.4	9.8	80	6.5	—	71.5	M4
HF-P 90	96.2	9.7	92	6.3	—	82.5	M4
HF-P120	123.7	10.8	117.2	7.3	—	104.8	M4

HR series

FILTER



- Replacement filter for HF-P filter frame.
- Can also be used as a dustproof filter over vent holes.

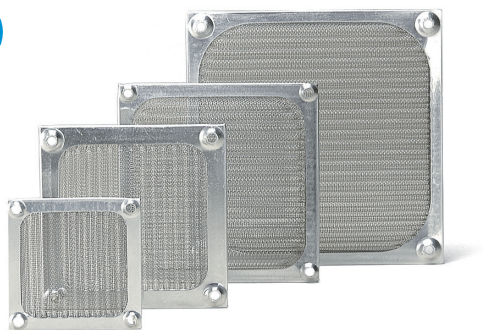
Product no. / Details

Product no.	W	H	t
HR0520	200	50	3
HR1030	300	100	3
HR2550	500	250	3

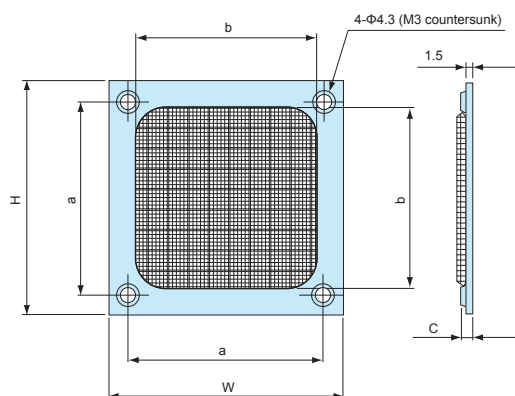
■ Material / Color : Polyurethane foam / Gray

EMF series**EMC SHIELDED FAN DUST FILTER**

■ DXF/DWG/PDF drawings available on our website.

EMC
Shielding
Effects

■ Dust filter for a cooling fan hole as EMC shield purpose.

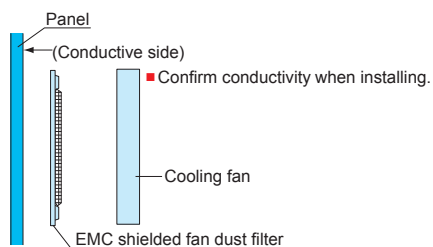
**Components**

Frame material	Filter material	Mesh
Aluminium / Unfinished	Stainless steel	30

■ Mesh 30 = 30 openings in a 1 square inch area (25.4 x 25.4mm).

Product no. / Details

Product no.	W	H	a	b	c	Matching fan size (mm)
EMF- 60	60	60	50	47	3.5	60.0 x 60.0
EMF- 80	83.8	83.8	71.5	69	3.5	80.0 x 80.0
EMF- 90	92	92	82.5	78	3.5	92.0 x 92.0
EMF-120	119	119	104.8	104.8	3.5	120.0 x 120.0

**Application example**