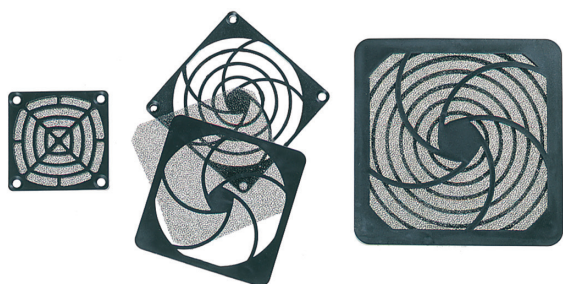


HF-P SERIES

FAN DUST FILTER

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



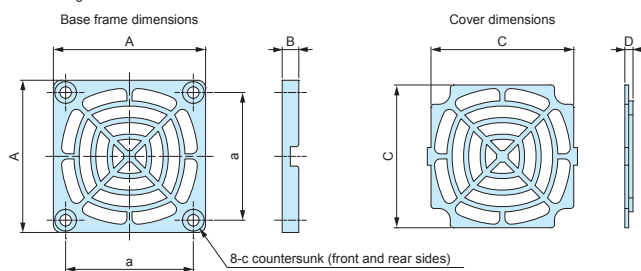
Heat
Resistant

Components

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

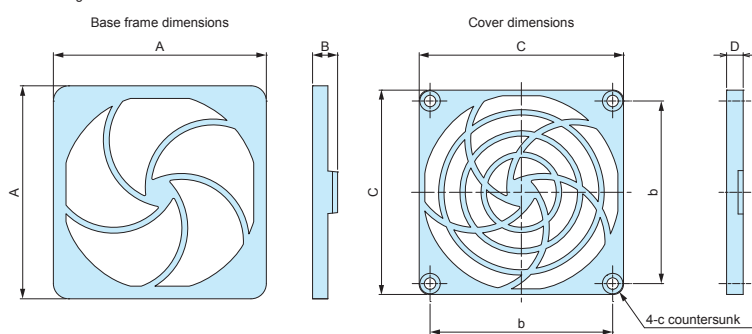
HF-P40 • HF-P60

※Drawings for HF-P60 model



HF-P80 • HF-P90 • HF-P120

※Drawings for HF-P80 model.



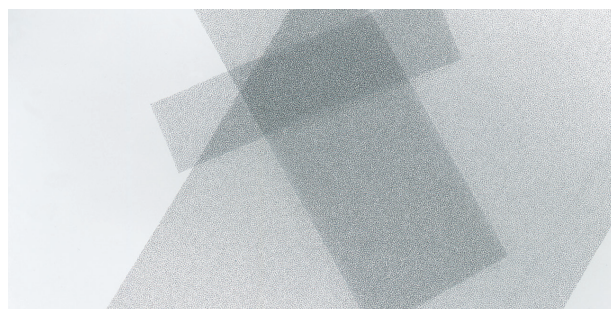
Product no. / Dimensions

■ 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. / Dimensions

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

■ Material / Color : Polyurethane foam / Gray

AGE series

COOLING FAN

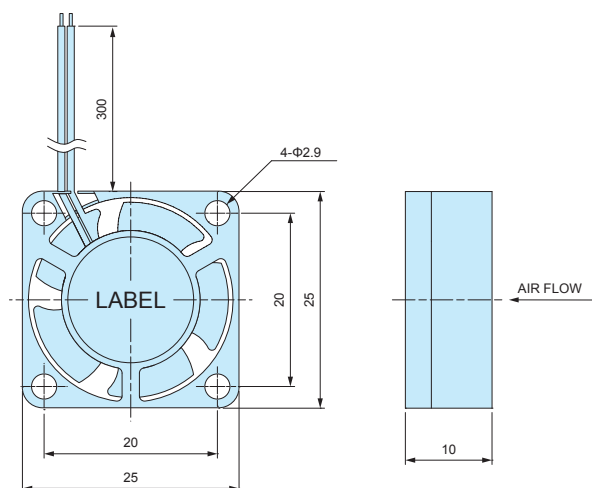
Heat
Resistant

■ Affordable Cooling Fan AGE series is now available.

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

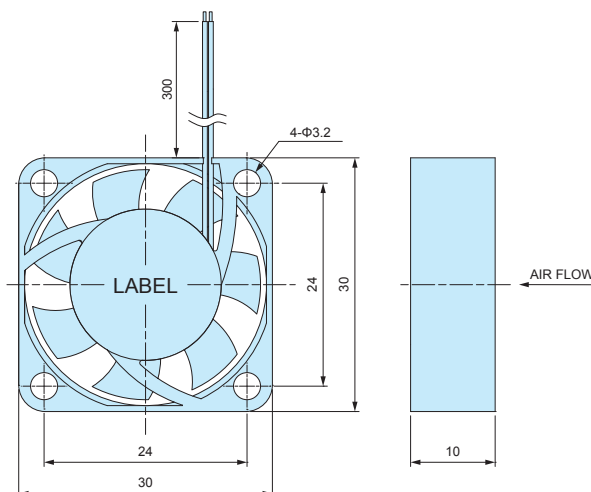
AGE02510B

Lead wire UL1571 AWG28



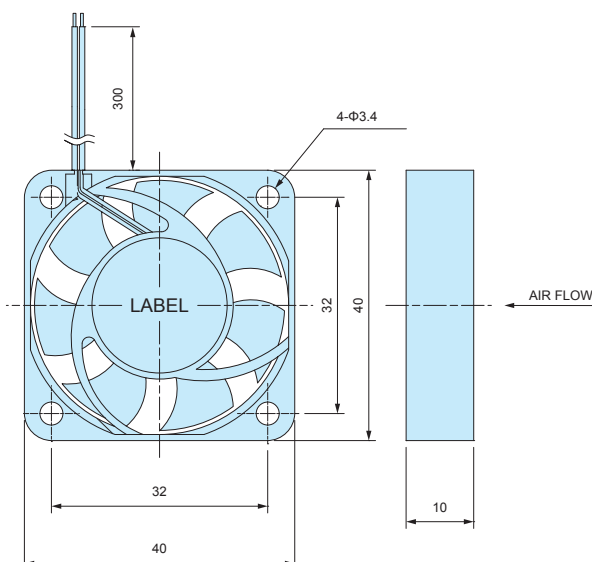
AGE03010B

Lead wire UL1571 AWG28



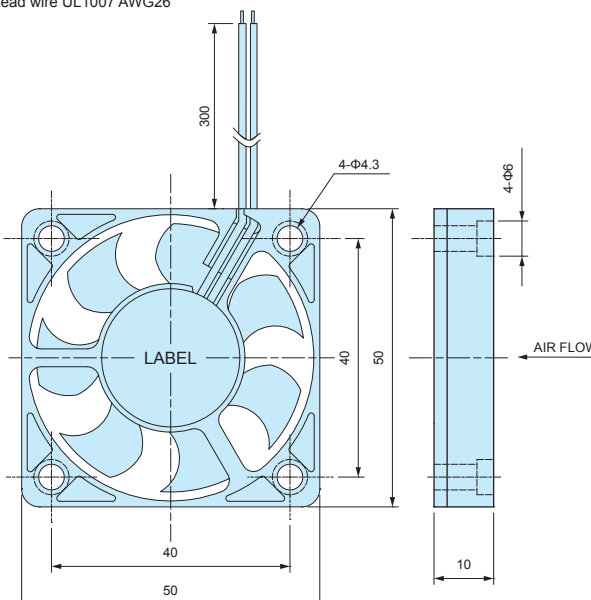
AGE04010B

Lead wire UL1007 AWG26



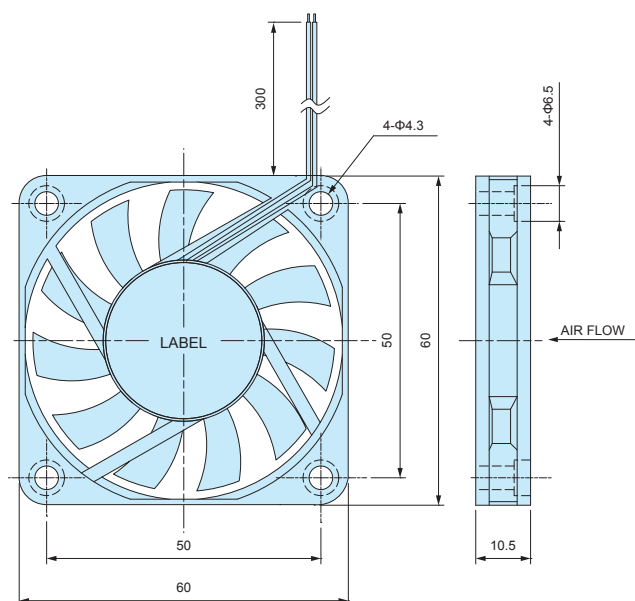
AGE05010B

Lead wire UL1007 AWG26



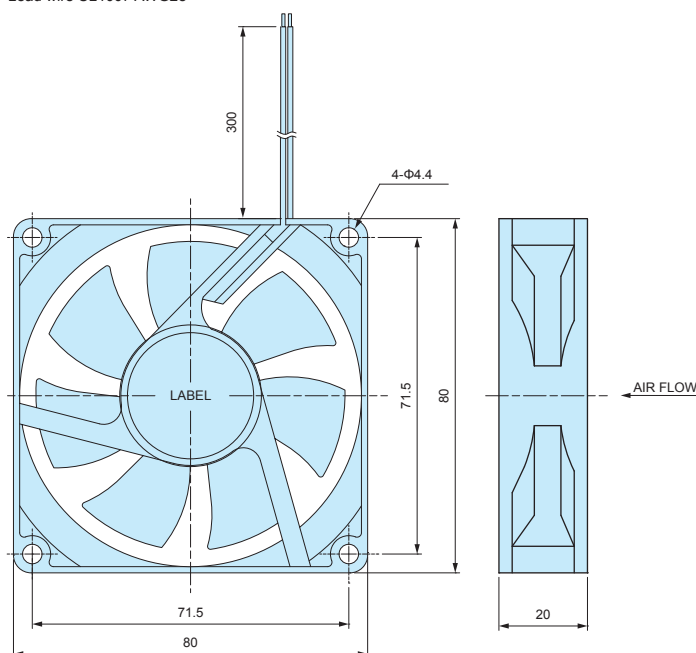
AGE06010B

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

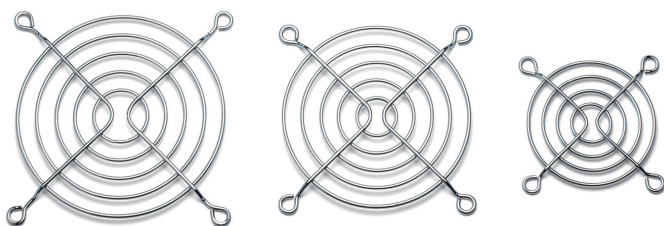
■ Life expectancy is measured under normal operational conditions.

HF-G series

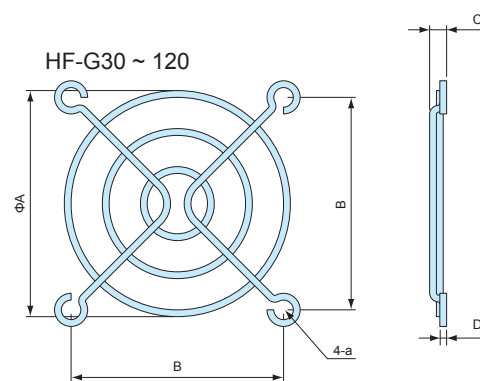
FAN GUARD



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



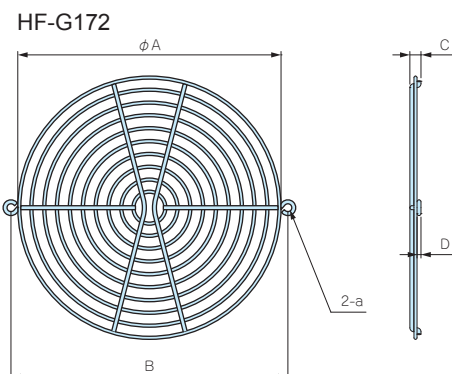
■ Material : Steel wire



Product no. / Details

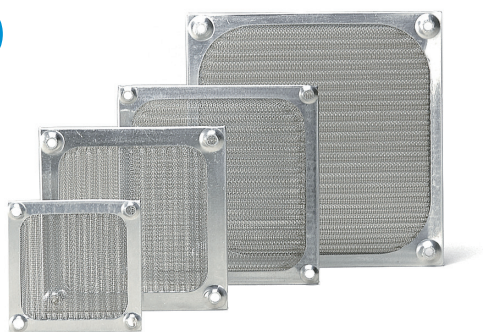
■ Shape vary by model.

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

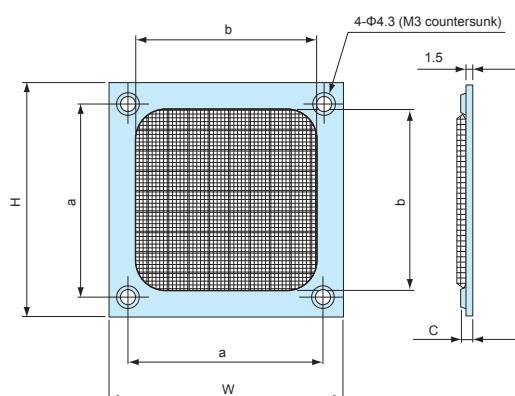


EMF series**EMC SHIELDED FAN DUST FILTER**

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

EMC
Shielding
Effects

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

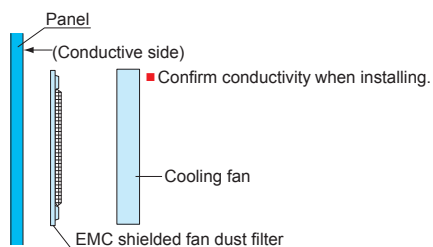
**Components**

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**