AC Free Input Axial Fans

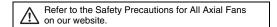
R89F-M

CSM_R89F-___DS_E_2_3

71 (10 PS) (F

Reducing required design work through unified power supply voltage

- Reduced time spent on replacement thanks to a longer service life.
- Selection of free voltage input 100 to 240 VAC models.
- Available in set packages (including finger guards, plug cords, and mounting screws).
- CE marking compliant, and certified compliant with various standards including UL and CSA.







For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

Model Number Structure

Model Number Legend

R89F	-M						-	
1	2	3	4	5	6	7	8	

1	Racio	Series

R89F	Plastic Blade Series
------	----------------------

3.	Frame	sha	ne
v.	ı ıaıııc	JIII	νc

5. Frame thickness

38	38
----	----

7. Terminal type

Р	Terminals *		
* A Plug Cord (R89F-PC) is			
required for models with			
terminals			

2. Rated voltage

M	100 to 240 VAC

4. Frame

09	92 × 92
12	120 × 120

6. Rotational speed

Н	High speed
L	Low speed

8. Delivered configuration

No marking	Standard
S1	Finger guard +
S2	Finger guard + Screw and nut set + Plug cord *

* Refer to Set Model on page 1 and 13 for details.

Note: These tables show only how to read model numbers. They do not indicate which products are available. Refer to *Ratings and Ordering Information* when ordering.

Ordering Information

AC Free Input Axial Fans

Series	Size (mm)	Speed	Model	Page
	92 × 92 × t38	High	R89F-MS0938HP	2
R89F-M series	92 × 92 × t38	Low	R89F-MS0938LP	2
	120 × 120 × t38	High	R89F-MS1238HP	3

Options (Order Separately)

Name	Model	Page
Plug Cord	R89F-PC-□	4
Finger Guard	R87F-FG□	5
Filter	R87F-FL□(S)	6

Note: Mounting screws are not provided.

Set Model

Model	Set Contents
R89F-MS0938HP-S1	Fan, Finger guard × 1, M4 Screw (55 mm) × 4 and nut set × 4, Plug cord (1 m)
R89F-MS0938LP-S1	Fan, Finger guard × 1, M4 Screw (55 mm) × 4 and nut set × 4, Plug cord (1 m)
R89F-MS1238HP-S1	Fan, Finger guard × 1, M4 Screw (55 mm) × 4 and nut set × 4, Plug cord (1 m)
R89F-MS0938HP-S2	Fan, Finger guard × 2, M4 Screw (55 mm) × 4 and nut set × 4, Plug cord (1 m)
R89F-MS0938LP-S2	Fan, Finger guard × 2, M4 Screw (55 mm) × 4 and nut set × 4, Plug cord (1 m)
R89F-MS1238HP-S2	Fan, Finger guard × 2, M4 Screw (55 mm) × 4 and nut set × 4, Plug cord (1 m)

Safety Precautions

Refer to the Safety Precautions for All Axial Fans on our website.

R89F-MS0938 ☐ AC Free Input Axial Fans (92 × 92 × t38 mm)

Ratings and Ordering Information

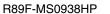
ltem Model	Rated voltage	Permitted voltage fluctuation range	Frequency [Hz]	Rated current [A] *	Rated input [W] *	Rated rotational speed [r/min ⁻¹] *	Maximum flow rate [m³/min] *	Maximum static pressure [Pa] *	Noise [dB] *
R89F-MS0938HP	100 to 240 VAC	90 to 264 V	50/60	0.08	4.5	3850	1.5	90	40
R89F-MS0938LP	100 to 240 VAC	90 to 264 V	50/60	0.06	3.0	3100	1.18	56	33

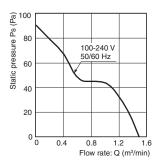
^{*} An asterisk (*) indicates a nominal value.

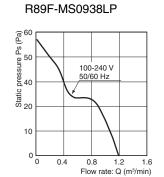
Characteristics

Motor type	1	Brushless DC motor	
Terminal type		Terminals	
· · · · · · · · · · · · · · · · · · ·			
Insulation	class	Class E (UL class A)	
Insulation	resistance	10 $\text{M}\Omega$ min. (at 500 VDC) Between lead wire conductor and frame	
Insulation	withstand	1,500 VAC (1 minute)	
voltage		Between input terminal and frame	
Ambient o temperatur		-20 to 75°C (with no icing)	
Ambient storage temperature		-30 to +75°C (no icing)	
Ambient humidity		20% to 85%	
Protection		Restraint burnout protection (Current blocking function)	
Materials	Frame	PBT/PC alloy (UL94V-0)	
Materials	Blades	PBT/PC alloy (UL94V-0)	
Bearings		Ball bearings	
Weight		Approx. 250 g	
Compliant standards		EN/IEC60950-1 EN/IEC60335-2-80 (CE marking compliant) EAC, RCM PSE	
Certified standards		UL: UL507 (Recognition) CSA: C22.2 No.113	

Flow Rate and Static Pressure Characteristics (Reference Value)



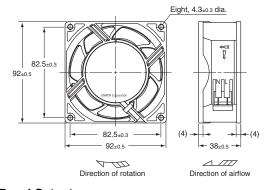




Note: For details on measurement conditions, refer to *Flow Rate and Static Pressure Characteristics on Safety Precautions for All Axial Fans.*

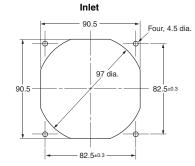
Dimensions (Unit: mm)

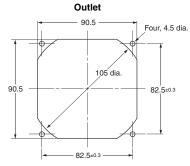




Panel Cutouts

Name Model Page Plug Cord R89F-PC-□ 4 Finger Guard R87F-FG90 5





R89F-MS1238 \square AC Free Input Axial Fans (120 \times 120 \times t38 mm)

Ratings and Ordering Information

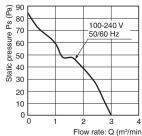
ltem Model	Rated voltage	Permitted voltage fluctuation range	Frequency [Hz]	Rated current [A] *	Rated input [W] *	Rated rotational speed [r/min ⁻¹] *	Maximum flow rate [m³/min] *	Maximum static pressure [Pa] *	Noise [dB] *
R89F-MS1238HP	100 to 240 VAC	90 to 264 V	50/60	0.08	4.4	3250	3.0	84	42

^{*} An asterisk (*) indicates a nominal value.

Characteristics

Characteristics			
Motor type		Brushless DC motor	
Terminal type		Terminals	
Insulation	class	Class E (UL class A)	
Insulation	resistance	10 MΩ min. (at 500 VDC) Between lead wire conductor and frame	
Insulation	withstand	1,500 VAC (1 minute)	
voltage		Between input terminal and frame	
Ambient o temperatur		-20 to 75°C (with no icing)	
Ambient storage temperature		-30 to +75°C (no icing)	
Ambient humidity		20% to 85%	
Protection		Restraint burnout protection (Current blocking function)	
Materials	Frame	PBT/PC alloy (UL94V-0)	
Materials	Blades	PPHOX (UL94V-1)	
Bearings		Ball bearings	
Weight		Approx. 290 g	
Compliant standards		EN/IEC60950-1 EN/IEC60335-2-80 (CE marking compliant) EAC, RCM PSE	
Certified standards		UL: UL507 (Recognition) CSA: C22.2 No.113	

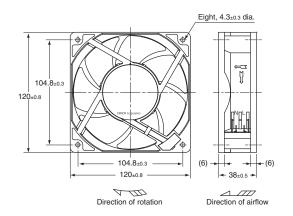
Flow Rate and Static Pressure Characteristics (Reference Value) R89F-MS1238HP



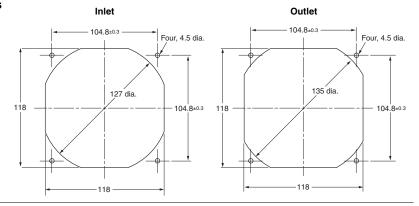
Note: For details on measurement conditions, refer to Flow Rate and Static Pressure Characteristics on Safety Precautions for All Axial Fans.

Dimensions (Unit: mm)





Panel Cutouts



Options

Name	Model	Page
Plug Cord	R89F-PC-□	4
Finger Guard	R87F-FG120	5
Filter	R87F-FL120(S)	6

R89F-PC Plug Cord

Ratings and Ordering Information

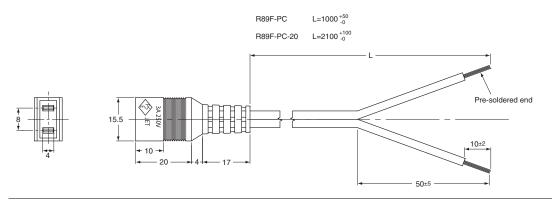
Cable length	Model	Weight
1 m	R89F-PC	Approx. 38 g
2 m	R89F-PC-20	Approx. 74 g

R89F-PC Rating: 3 A, 250 V



Dimensions (Unit: mm)

R89F-PC



Note: This Plug Cord is used for Axial Fans with terminals.

R87F-FG Finger Guards

Ratings and Ordering Information

Size	Model number	Weight (g)
150 dia.	R87F-FG150	Approx. 58
120 × 120	R87F-FG120	Approx. 45
92 × 92	R87F-FG90	Approx. 25
80 × 80	R87F-FG80	Approx. 20

Applicable Axial Fans

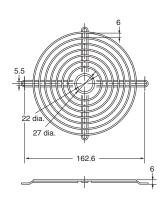
	AC Axial Fan	Financy Cuoud	
Size	Model	Finger Guard	
150 dia.	R87T-A□A0 Series	R87F-FG150	
120×120	R89F-DS1225 series R89F-DS1238 series R89F-MS1238HP R87F-A Al Series R87T-A Al Series	R87F-FG120	
92 × 92	R89F-MS0938□P series	R87F-FG90	
92 × 92	R87F-A□A9 Series	R87F-FG90	
80 × 80	R87F-A□A8 Series R87T-A□A8 Series	R87F-FG80	

Note: Finger Guards reduce the flow rate by approximately 2% to 5%.

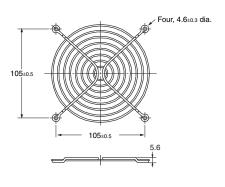
Dimensions (Unit: mm)

Material: steel, Joints: spot welded, Surface: nickel-chrome plated

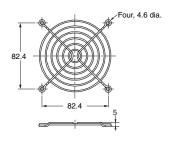
R87F-FG150



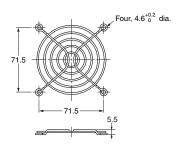
R87F-FG120



R87F-FG90



R87F-FG80



R87F-FL Filters

Ratings and Ordering Information

Filter

Size		Model number	Weight (g)
	120 × 120	R87F-FL120	Approx. 43
	92 × 92	R87F-FL90	Approx. 30
	80 × 80	R87F-FL80	Approx. 21
	120 × 120	R87F-FL120S	Approx. 19

Note: The filter contains one medium.

Media

Size	Model number
120 × 120	R87F-FL120-M120
92 × 92	R87F-FL90-M90
80 × 80	R87F-FL80-M80

Note: Use the following model number to order the Media only. R87F-FL□-M□ (□: 120, 90, or 80)

(One set containing five Media, weight: 5 g max.)

Applicable Axial Fans

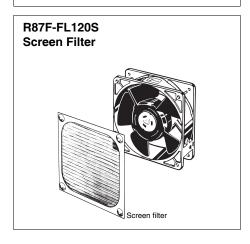
	AC Axial Fan	Filter		
Size	Model	Plastic	Aluminum	
150 dia.	R87T-A□A0 Series			
	R89F-DS1225□ series			
120×120	R89F-DS1238□ series		R87F-FL120S	
	R89F-MS1238HP	R87F-FL120		
	R87F-A□A1 Series			
	R87T-A□A1 Series			
92 × 92	R87F-A□A9 Series	R87F-FL90		
80 × 80	R87F-A□A8 Series	R87F-FL80		
55 / 60	R87T-A□A8 Series	00		

Note: Filters reduce the flow rate by approximately 20% to 40%. Ensure that there is no clogging.

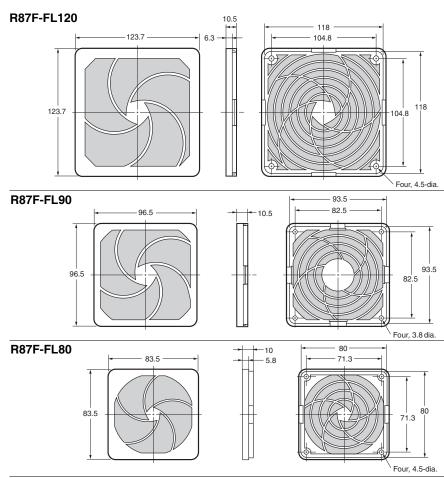
R87F-FL Plastic Filter Guard Hedia Plastic filter

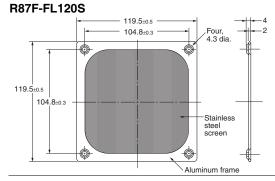
Mounting Method

- Attach the guard to the Fan using the mounting bolts. (There are no mounting bolts provided with the Plastic Filter.)
- With the media held between the retainer and the guard, hook the retainer to the guard. (The Media and retainer can be one-touch mounted/dismounted.)



Dimensions (Unit: mm)



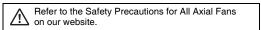


- Note: 1. The Screen Filter is made using aluminium and has an <u>EMI/RFI</u> shielding effect.
 - 2. When mounting the Screen Filter, make sure that it does not come in contact with the fan blades.
 - 3. The screen is a 30×30 aluminum mesh. (30 aluminum wires per inch)

DC Axial Fans

Reducing required design work through unified power supply voltage

- Reduced time spent on replacement thanks to a longer service life.
- Selection of low-voltage input 24 VDC models.
- Available in set packages (including finger guards and mounting screws).
- CE marking compliant, and certified compliant with various standards including UL and CSA.











For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

Model Number Structure

Model Number Legend



1	Rac	·ia	 inc

R89F	Plastic Blade Series

Plastic blade Series	R89F	Plastic Blade Series
----------------------	------	----------------------

2.	Rated	volta	qe
----	-------	-------	----

D	24 VDC
---	--------

S	Square

4. Frame

09	92 × 92
12	120 × 120

5. Frame thickness

25	25
38	38

6. Rotational speed

	_	
Н		High speed
L		Low speed

7. Terminal type

INO IIIai Kiiig Lead Wiles	No marking	Lead wires
------------------------------	------------	------------

8. Delivered configuration

No marking	Standard
S1	Finger guard +
S2	Screw and nut set *

* Refer to Set Model on page 7 and 13 for details.

Note: These tables show only how to read model numbers. They do not indicate which products are available. Refer to Ratings and Ordering Information when ordering.

Ordering Information

DC Axial Fans

Series	Size (mm)	Speed	Model	Page
R89F-D series	92 × 92 × t25	High	R89F-DS0925H	8
	92 × 92 × t25	Low	R89F-DS0925L	8
	120 × 120 × t25	High	R89F-DS1225H	9
	120 × 120 × t25	Low	R89F-DS1225L	9
	120 × 120 × t38	High	R89F-DS1238H	10
	120 × 120 × t38	Low	R89F-DS1238L	10

Options (Order Separately)

	= -	
Name	Model	Page
Finger Guard	R87F-FG□	11
Filter	R87F-FL□(S)	12

Note: Mounting screws are not provided.

Set Model

Model	Set Contents
R89F-DS0925H-S1	Fan, Finger guard x 1, M4 Screw (40 mm) x 4 and nut set x 4
R89F-DS0925L-S1	Fan, Finger guard x 1, M4 Screw (40 mm) x 4 and nut set x 4
R89F-DS1225H-S1	Fan, Finger guard x 1, M4 Screw (40 mm) x 4 and nut set x 4
R89F-DS1225L-S1	Fan, Finger guard x 1, M4 Screw (40 mm) x 4 and nut set x 4
R89F-DS1238H-S1	Fan, Finger guard x 1, M4 Screw (55 mm) x 4 and nut set x 4
R89F-DS1238L-S1	Fan, Finger guard x 1, M4 Screw (55 mm) x 4 and nut set x 4
R89F-DS0925H-S2	Fan, Finger guard x 2, M4 Screw (40 mm) x 4 and nut set x 4
R89F-DS0925L-S2	Fan, Finger guard x 2, M4 Screw (40 mm) x 4 and nut set x 4
R89F-DS1225H-S2	Fan, Finger guard x 2, M4 Screw (40 mm) x 4 and nut set x 4
R89F-DS1225L-S2	Fan, Finger guard x 2, M4 Screw (40 mm) x 4 and nut set x 4
R89F-DS1238H-S2	Fan, Finger guard x 2, M4 Screw (55 mm) x 4 and nut set x 4
R89F-DS1238L-S2	Fan, Finger guard x 2, M4 Screw (55 mm) x 4 and nut set x 4

Safety Precautions

Refer to the Safety Precautions for All Axial Fans on our website.

R89F-DS0925 □ DC Axial Fans (92 × 92 × t25 mm)

Ratings and Ordering Information

ltem Model	Rated voltage	Permitted voltage fluctuation range	Frequency [Hz]	Rated current [A] *	Rated input [W] *	Rated rotational speed [r/min ⁻¹] *	Maximum flow rate [m³/min] *	Maximum static pressure [Pa] *	Noise [dB] *
R89F-DS0925H	24 VDC	12 to 27.6 V		0.15	3.6	3550	1.66	56.1	39
R89F-DS0925L	24 VDC	12 to 27.6 V		0.08	1.92	2650	1.24	32.2	30

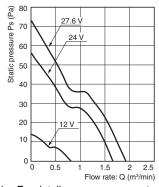
^{*} An asterisk (*) indicates a nominal value.

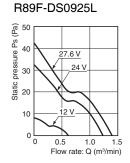
Characteristics

O i i a i a i	Onal actoristics				
Motor type		Brushless DC motor			
Terminal ty	уре	Lead wires			
Insulation	class	Class E (UL class A)			
Insulation	resistance	10 M Ω min. (at 500 VDC) Between lead wire conductor and frame			
Insulation voltage	withstand	500 VAC (1 minute) Between lead wire conductor and frame			
Ambient of temperature		-20 to +70°C (no icing)			
Ambient st temperatur		-30 to +70°C (no icing)			
Ambient h	umidity	20% to 85%			
Protection		Restraint burnout protection (Current blocking function) Power supply lead wire reverse polarity protection			
Materials	Frame	PBT/ABS alloy (UL94V-0)			
waterials	Blades	PBT/ABS alloy (UL94V-0)			
Bearings		Ball bearings			
Weight		Approx. 100 g			
Compliant	standards	EN/IEC60950-1 EN/IEC60335-2-80 (CE marking compliant) EAC RCM			
Certified st	tandards	UL: UL507 (Recognition) CSA: C22.2 No.113			

Flow Rate and Static Pressure Characteristics (Reference Value)



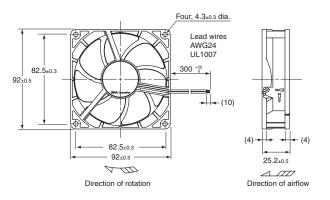




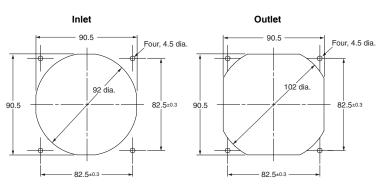
Note: For details on measurement conditions, refer to *Flow Rate and Static Pressure* on page 17.

Dimensions (Unit: mm)





Panel Cutouts



Options

Name	Model	Page
Finger Guard	R87F-FG90	11

R89F-DS1225 □ DC Axial Fans (120 × 120 × t25 mm)

Ratings and Ordering Information

ltem Model	Rated voltage	Permitted voltage fluctuation range	Frequency [Hz]	Rated current [A] *	Rated input [W] *	Rated rotational speed [r/min ⁻¹] *	Maximum flow rate [m³/min] *	Maximum static pressure [Pa] *	Noise [dB] *
R89F-DS1225H	24 VDC	20.4 to 27.6 V		0.47	11.28	4100	3.68	120	51
R89F-DS1225L	24 VDC	12 to 27.6 V		0.17	4.08	2850	2.5	64	40

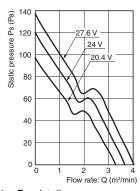
^{*} An asterisk (*) indicates a nominal value.

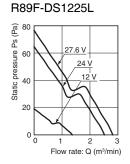
Characteristics

Motor type		Brushless DC motor		
Terminal ty	/ре	Lead wires		
Insulation	class	Class E (UL class A)		
Insulation	resistance	10 M Ω min. (at 500 VDC) Between lead wire conductor and frame		
Insulation voltage	withstand	500 VAC (1 minute) Between lead wire conductor and frame		
Ambient of temperature		-20 to +70°C (no icing)		
Ambient st		-30 to +70°C (no icing)		
Ambient h	umidity	20% to 85%		
Protection		Restraint burnout protection (Current blocking function) Power supply lead wire reverse polarity protection		
Materials	Frame	PBT/ABS alloy (UL94V-0)		
Materiais	Blades	PPHOX (UL94V-1)		
Bearings		Ball bearings		
Weight		Approx. 280 g		
Compliant	standards	EN/IEC60950-1 EN/IEC60335-2-80 (CE marking compliant) EAC RCM		
Certified st	tandards	UL: UL507 (Recognition) CSA: C22.2 No.113		

Flow Rate and Static Pressure Characteristics (Reference Value)



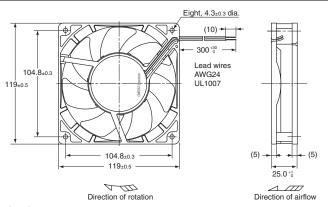




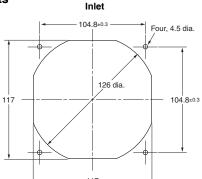
Note: For details on measurement conditions, refer to Flow Rate and Static Pressure Characteristics on Safety Precautions for All Axial Fans.

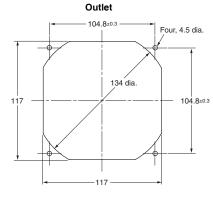
Dimensions (Unit: mm)





Panel Cutouts





Options

_ •		
Name	Model	Page
Finger Guard	R87F-FG120	11
Filter	R87F-FL120(S)	12

R89F-DS1238 ☐ DC Axial Fans (120 × 120 × t38 mm)

Ratings and Ordering Information

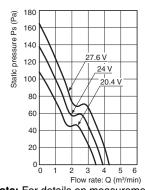
ltem Model	Rated voltage	Permitted voltage fluctuation range	Frequency [Hz]	Rated current [A] *	Rated input [W] *	Rated rotational speed [r/min ⁻¹] *	Maximum flow rate [m³/min] *	Maximum static pressure [Pa] *	Noise [dB] *
R89F-DS1238H	24 VDC	20.4 to 27.6 V		0.5	12	3600	3.88	135	49
R89F-DS1238L	24 VDC	14 to 27.6 V		0.11	2.64	1950	2.1	39.6	32

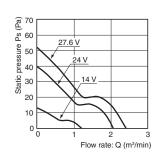
* An asterisk (*) indicates a nominal value.

Motor type	•	Brushless DC motor
Terminal ty	уре	Lead wires
Insulation	class	Class E (UL class A)
Insulation	resistance	10 M Ω min. (at 500 VDC) Between lead wire conductor and frame
Insulation voltage	withstand	500 VAC (1 minute) Between lead wire conductor and frame
Ambient o temperatur		-20 to +70°C (no icing)
Ambient storage temperature		-30 to +70°C (no icing)
Ambient h	umidity	20% to 85%
Protection		Restraint burnout protection (Current blocking function) Power supply lead wire reverse polarity protection
Materials	Frame	PBT/ABS alloy (UL94V-0)
Materials	Blades	PPHOX (UL94V-1)
Bearings	•	Ball bearings
Weight		Approx. 330 g
Compliant standards		EN/IEC60950-1 EN/IEC60335-2-80 (CE marking compliant) EAC RCM
Certified s	tandards	UL: UL507 (Recognition) CSA: C22.2 No.113

Characteristics

Flow Rate and Static Pressure Characteristics (Reference Value) R89F-DS1238H R89F-DS1238L



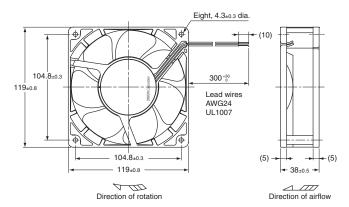


Note: For details on measurement conditions, refer to Flow Rate and Static Pressure Characteristics on Safety Precautions for All Axial Fans.

Dimensions (Unit: mm)

Inlet





Panel Cutouts

Four, 4.5 dia. 104.8±0.3 104.8±0.3 117 104.8±0.3 117

Options

Name	Model	Page
Finger Guard	R87F-FG120	11
Filter	R87F-FL120(S)	12

Four, 4.5 dia.

104.8±0.3

R87F-FG Finger Guards

Ratings and Ordering Information

Size	Model number	Weight (g)
150 dia.	R87F-FG150	Approx. 58
120 × 120	R87F-FG120	Approx. 45
92 × 92	R87F-FG90	Approx. 25
80 × 80	R87F-FG80	Approx. 20

Applicable Axial Fans

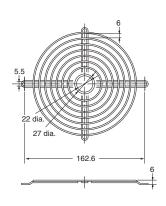
AC Axial Fan		Finance Coord	
Size	Model	Finger Guard	
150 dia.	R87T-A□A0 Series	R87F-FG150	
120 × 120	R89F-DS1225□ series R89F-DS1238□ series R89F-MS1238HP	R87F-FG120	
	R87F-A□A1 Series R87T-A□A1 Series		
92 × 92	R89F-DS0925□ series R89F-MS0938□P series R87F-A□A9 Series	R87F-FG90	
80 × 80	R87F-A□A8 Series R87T-A□A8 Series	R87F-FG80	

Note: Finger Guards reduce the flow rate by approximately 2% to 5%.

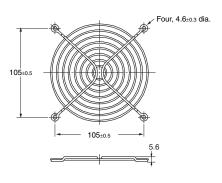
Dimensions (Unit: mm)

Material: steel, Joints: spot welded, Surface: nickel-chrome plated

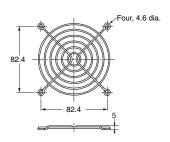
R87F-FG150



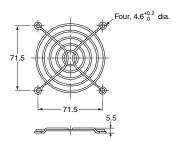
R87F-FG120



R87F-FG90



R87F-FG80



R87F-FL Filters

Ratings and Ordering Information

Filter

Size	Model number	Weight (g)
120 × 120	R87F-FL120	Approx. 43
92 × 92	R87F-FL90	Approx. 30
80 × 80	R87F-FL80	Approx. 21
120 × 120	R87F-FL120S	Approx. 19

Note: The filter contains one medium.

Media

Size	Model number	
120 × 120	R87F-FL120-M120	
92 × 92	R87F-FL90-M90	
80 × 80	R87F-FL80-M80	

Note: Use the following model number to order the Media only. R87F-FL□-M□ (□: 120, 90, or 80)

(One set containing five Media, weight: 5 g max.)

Applicable Axial Fans

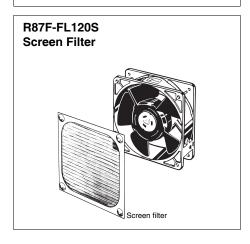
AC Axial Fan		Filter	
Size	Model	Plastic	Aluminum
150 dia.	R87T-A□A0 Series		
	R89F-DS1225□ series		
	R89F-DS1238□ series		
120×120	R89F-MS1238HP	R87F-FL120	R87F-FL120S
	R87F-A□A1 Series		
	R87T-A□A1 Series		
92 × 92	R87F-A□A9 Series	R87F-FL90	
80 × 80	R87F-A□A8 Series	R87F-FL80	
00 × 00	R87T-A□A8 Series	11071 -1 200	

Note: Filters reduce the flow rate by approximately 20% to 40%. Ensure that there is no clogging.

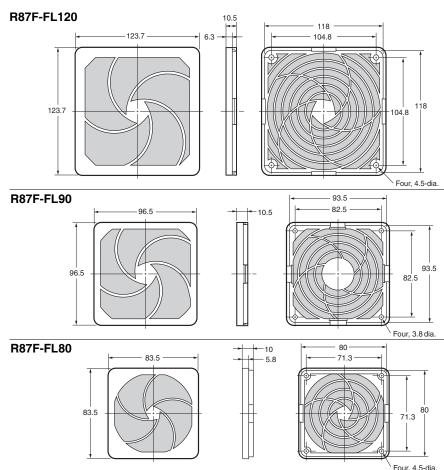
R87F-FL Plastic Filter Guard Guard Plastic filter

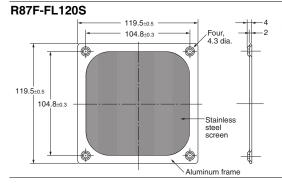
Mounting Method

- Attach the guard to the Fan using the mounting bolts. (There are no mounting bolts provided with the Plastic Filter.)
- With the media held between the retainer and the guard, hook the retainer to the guard. (The Media and retainer can be one-touch mounted/dismounted.)



Dimensions (Unit: mm)



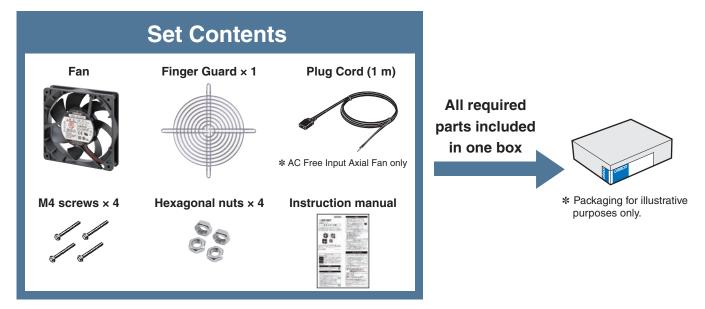


- Note: 1. The Screen Filter is made using aluminium and has an <u>EMI/RFI</u> shielding effect.
 - 2. When mounting the Screen Filter, make sure that it does not come in contact with the fan blades.
 - 3. The screen is a 30×30 aluminum mesh. (30 aluminum wires per inch)

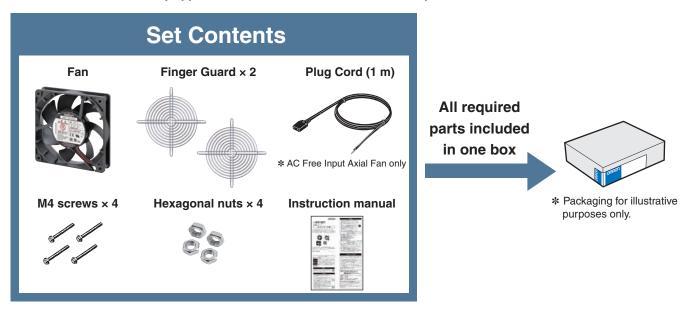
Set Model

- Select the optimum size for a variety of control panels.
- All required parts can be ordered as a set, ideal for fan replacement.
- All required maintenance parts are included in one box, requiring less space and reduced parts management work.

R89F-



R89F-□□□□□□□-S2 *Only applicable for DC Axial Fans and AC Free Input Axial Fans.



Terms and Conditions Agreement

Read and understand this catalog.

Please read and understand this catalog before purchasing the products. Please consult your OMRON representative if you have any questions or comments.

Warranties.

- (a) Exclusive Warranty. Omron's exclusive warranty is that the Products will be free from defects in materials and workmanship for a period of twelve months from the date of sale by Omron (or such other period expressed in writing by Omron). Omron disclaims all other warranties, express or implied.
- (b) Limitations. OMRON MAKES NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, ABOUT NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PRODUCTS. BUYER ACKNOWLEDGES THAT IT ALONE HAS DETERMINED THAT THE

PRODUCTS WILL SUITABLY MEET THE REQUIREMENTS OF THEIR INTENDED USE.

Omron further disclaims all warranties and responsibility of any type for claims or expenses based on infringement by the Products or otherwise of any intellectual property right. (c) Buyer Remedy. Omron's sole obligation hereunder shall be, at Omron's election, to (i) replace (in the form originally shipped with Buyer responsible for labor charges for removal or replacement thereof) the non-complying Product, (ii) repair the non-complying Product, or (iii) repay or credit Buyer an amount equal to the purchase price of the non-complying Product; provided that in no event shall Omron be responsible for warranty, repair, indemnity or any other claims or expenses regarding the Products unless Omron's analysis confirms that the Products were properly handled, stored, installed and maintained and not subject to contamination, abuse, misuse or inappropriate modification. Return of any Products by Buyer must be approved in writing by Omron before shipment. Omron Companies shall not be liable for the suitability or unsuitability or the results from the use of Products in combination with any electrical or electronic components, circuits, system assemblies or any other materials or substances or environments. Any advice, recommendations or information given orally or in writing, are not to be construed as an amendment or addition to the above warrantv.

See http://www.omron.com/global/ or contact your Omron representative for published information.

Limitation on Liability; Etc.

OMRON COMPANIES SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY CONNECTED WITH THE PRODUCTS, WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE OR STRICT LIABILITY.

Further, in no event shall liability of Omron Companies exceed the individual price of the Product on which liability is asserted.

Suitability of Use.

Omron Companies shall not be responsible for conformity with any standards, codes or regulations which apply to the combination of the Product in the Buyer's application or use of the Product. At Buyer's request, Omron will provide applicable third party certification documents identifying ratings and limitations of use which apply to the Product. This information by itself is not sufficient for a complete determination of the suitability of the Product in combination with the end product, machine, system, or other application or use. Buyer shall be solely responsible for determining appropriateness of the particular Product with respect to Buyer's application, product or system. Buyer shall take application responsibility in all cases.

NEVER USE THE PRODUCT FOR AN APPLICATION INVOLVING SERIOUS RISK TO LIFE OR PROPERTY OR IN LARGE QUANTITIES WITHOUT ENSURING THAT THE SYSTEM AS A WHOLE HAS BEEN DESIGNED TO ADDRESS THE RISKS, AND THAT THE OMRON PRODUCT(S) IS PROPERLY RATED AND INSTALLED FOR THE INTENDED USE WITHIN THE OVERALL EQUIPMENT OR SYSTEM.

Programmable Products.

Omron Companies shall not be responsible for the user's programming of a programmable Product, or any consequence thereof.

Performance Data.

Data presented in Omron Company websites, catalogs and other materials is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of Omron's test conditions, and the user must correlate it to actual application requirements. Actual performance is subject to the Omron's Warranty and Limitations of Liability.

Change in Specifications.

Product specifications and accessories may be changed at any time based on improvements and other reasons. It is our practice to change part numbers when published ratings or features are changed, or when significant construction changes are made. However, some specifications of the Product may be changed without any notice. When in doubt, special part numbers may be assigned to fix or establish key specifications for your application. Please consult with your Omron's representative at any time to confirm actual specifications of purchased Product.

Errors and Omissions. Information presented by Omron Companies has been checked and is believed to be accurate; however, no responsibility is assumed for clerical, typographical or proofreading errors or omissions.

2020.3

In the interest of product improvement, specifications are subject to change without notice.



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for AC Fans category:

Click to view products by Omron manufacturer:

Other Similar products are found below:

8850A G9225S05B2-FSR A2D200-AA04-41 A2E165-AA17-01 AD0912HB-A7BGL 144LS-2282-010 1500-FAN-01 25.350.5253.0
272DL-2LP11-000 A2D210-AB10-05 A2D240-AA02-02 23241-3 25.345.5353.0 281DY-1LP14-000B 298DM-2LP11-000 298DS-2LP11000A 344DY-1LP11-000 39.703.0253.0 USTF1203224VHW 3915100996-SA3 3G2C7MC224 W2D200-HH04-07 W2S130-AA03-43
432703034611 S2E250-BB13-22 8856N A2E170-AF23-11 W4S250-CA20-56 W2S130-AB03-09 5900 C45-A7 TAC12025230MT 8550A
8560N A2175-HBT TC.GN AD0405HB-G73(9T) CENT-2000-FFTM CENT-2000-RFTM S4S250-BA02-02 W2D200-CA04-52 W2S130-AB25-10 A4E330-AB18-09 W2E250-DB05-52 W4E315-CS22-70 S4S250-BA02-20 S2D300-BP02-37 W2S130-AB25-24 W2D250-GA08-08 TAC8025115HW F1238H24BT-FHR