San Ace MC

1U Compatible Active Heatsink for Intel® Pentium® III FC-PGA2 1.4 GHz/ Intel®Celeron™ FC-PGA2 1. 3 GHz

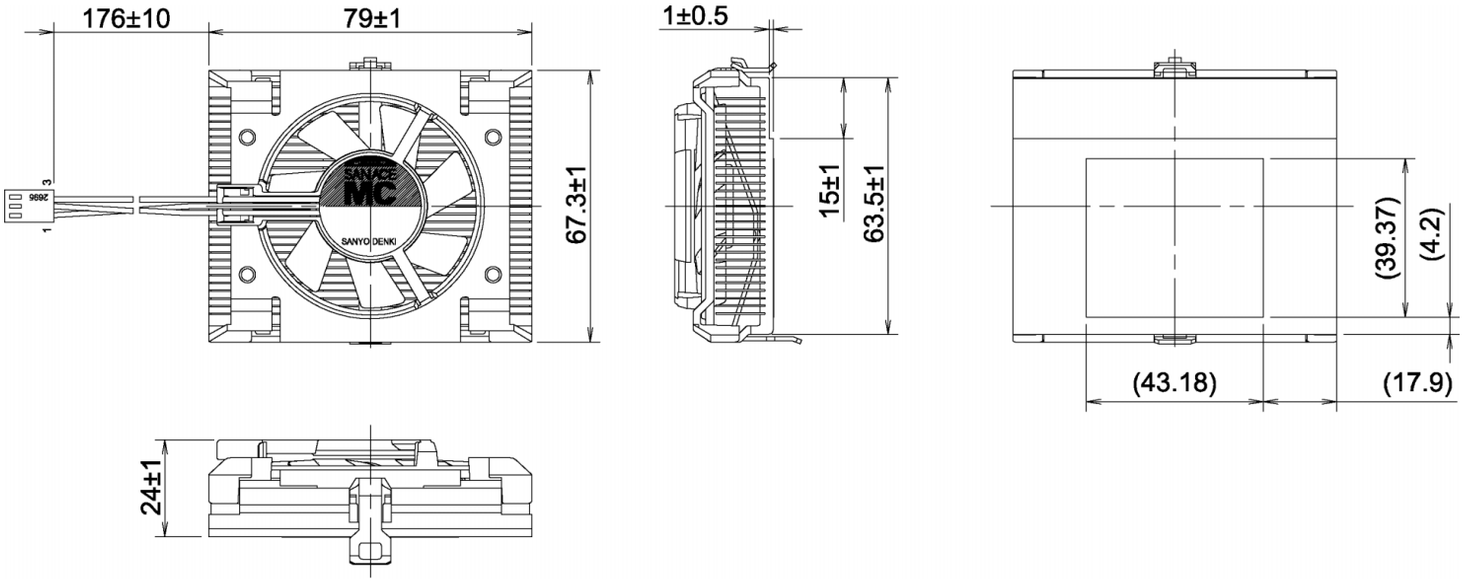
- Brushless DC Motor with Plastic Frame/Impeller and Aluminium Base Copper Fin Heatsink
- Permanently Lubricated Dual Ball Bearing System
- Current Limiting System with Reverse Polarity Protection
- Color-coded 176mm AWG 26 Leads with Molex Connector and Contact
  Connector: Molex 22-01-3037 (2695-03RP)
  Contact: Molex 5159PBT or 2759T
- Expected Service Life of 40,000 hours
  (90% survival rate at 60 ºC, nominal voltage, continuous operation with unobstructed inlets and outlets)
- Operating Temperature: -10 ºC to +70 ºC (No Condensation)
- Storage Temperature: -30 ºC to +75 ºC (No Condensation)
- Rotational Direction: CW looking at label
- Dielectric Strength: 50/60 Hz, 500 VAC, one (1) minute
  (between lead conductor and frame)
- Thermal Contact: Power Devices Inc. (Type AS-J-17H-155)



Size	Thermal Resistance	Nominal Voltage	Voltage Range	Sound Pressure	Current	Nominal Speed	Model No.	Clip
mm	K/W	V	V	db(A)	A	min^{-1}		
79.0x67.3x24.0	0.63	12	7.0 - 13.8	42	0.22	6000	109X7412S4016	Preattached

Notes: (1) Listed model is pulse sensor type.
(2) Noise ratings are average values as measured from a point one (1) meter from intake of fan suspended in an anechoic chamber.
(3) Intel® Pentium® III is a registered trademark of Intel Corporation.

Dimensions



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San Ace 120 G-Type

High Air Flow Low Power Consumption 119x25mm & 119x38mm DC Axial Fans

- Brushless DC Motor with Plastic Fan Housing and Impeller
- Permanently Lubricated Dual Ball Bearing System
- Current Limiting System with Reverse Polarity Protection
- Color-coded 300mm UL1007 AWG 24 Leads (stripped and thinned ends)
- Pulse/Lock/Inverse Lock/Low Speed/Inverse Low Speed Sensor Options
- Expected Service Life of 40,000 hours
  (90% survival rate at 60 ºC, nominal voltage, continuous operation with unobstructed inlets and outlets)
- Operating Temperature: -10 ºC to +60 ºC (No Condensation)
- Storage Temperature: -30 ºC to +70 ºC (No Condensation)
- Rotational Direction: CW looking at label
- Dielectric Strength: 50/60 Hz, 500 VAC, one (1) minute
  (between lead conductor and frame)
- Mass: 240 - 330g



119 x 119 x 25mm

Click on Model No in red to view air performance curves

Airflow	Airflow	Static Pressure	Static Pressure	Nominal Voltage	Voltage Range	Sound Pressure	Power Input	Nominal Speed	Model No.
m^3/min	CFM	Pa	$inch/H_20$	V	V	dB(A)	W	min^{-1}	
3.68	130	120	0.48	12	10.8 - 13.8	51	10.8	4100	9G1212G402
3.25	115	98	0.39	12	10.8 - 13.8	48	6.96	3650	9G1212E402
2.83	100	77	0.31	12	10.8 - 13.8	44	4.80	3150	9G1212A402
2.50	88	64	0.26	12	10.8 - 13.8	40	3.72	2850	9G1212H402
1.98	70	42	0.17	12	10.8 - 13.8	35	2.28	2250	9G1212F402
1.66	58	31	0.12	12	10.8 - 13.8	29	1.68	1950	9G1212M402
3.68	130	120	0.48	24	20.4 - 27.6	51	11.28	4100	9G1224G402
3.25	115	98	0.39	24	20.4 - 27.6	48	8.88	3650	9G1224E402
2.83	100	77	0.31	24	20.4 - 27.6	44	5.04	3150	9G1224A402
2.50	88	64	0.26	24	20.4 - 27.6	40	4.08	2850	9G1224H402
1.98	70	42	0.17	24	20.4 - 27.6	35	2.40	2250	9G1224F402
1.66	58	31	0.12	24	20.4 - 27.6	29	1.92	1950	9G1224M402
3.68	130	120	0.48	48	40.8 - 55.2	51	11.04	4100	9G1248G402
3.25	115	98	0.39	48	40.8 - 55.2	48	7.68	3650	9G1248E402
2.83	100	77	0.31	48	40.8 - 55.2	44	6.24	3150	9G1248A402
2.50	88	64	0.26	48	40.8 - 55.2	40	4.80	2850	9G1248H402
1.98	70	42	0.17	48	40.8 - 55.2	35	2.88	2250	9G1248F402
1.66	58	31	0.12	48	40.8 - 55.2	29	2.40	1950	9G1248M402

SAN ACE 120 G TYPE continued on next page

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San Ace 120 G-Type

High Air Flow Low Power Consumption 119x25mm & 119x38mm DC Axial Fans

119 x 119 x 25mm

Click to view dimensional drawings

- Models without sensor
- Models with sensor
- Ribless models without sensor
- Ribless Models with sensor

119 x 119 x 38mm

Click on Model No in red to view air performance curves

Airflow	Airflow	Static Pressure	Static Pressure	Nominal Voltage	Voltage Range	Sound Pressure	Power Input	Nominal Speed	Model No.
m^3/min	CFM	Pa	$inch/H_20$	V	V	dB(A)	W	min^{-1}	
3.88	137	135.0	0.54	12	10.2 - 13.8	49	11.8	3600	9G1212G102
3.34	118	100.0	0.40	12	10.2 - 13.8	46	7.32	3100	9G1212E102
2.80	99	70.4	0.283	12	7.0 - 13.8	39	4.56	2600	9G1212H102
2.45	87	54.2	0.218	12	7.0 - 13.8	36	3.36	2280	9G1212F102
2.10	74	39.6	0.16	12	7.0 - 13.8	32	2.52	1950	9G1212M102
3.88	137	135.0	0.54	24	20.4 - 27.6	49	12.0	3600	9G1224G102
3.34	118	100.0	0.40	24	20.4 - 27.6	46	8.16	3100	9G1224E102
2.80	99	70.4	0.283	24	14.0 - 27.6	39	5.23	2600	9G1224H102
2.45	87	54.2	0.218	24	14.0 - 27.6	36	3.84	2280	9G1224F102
2.10	74	39.6	0.16	24	14.0 - 27.6	32	2.64	1950	9G1224M102
3.88	137	135.0	0.54	48	40.8 - 55.2	49	12.0	3600	9G1248G102
3.34	118	100.0	0.40	48	40.8 - 55.2	46	8.16	3100	9G1248E102
2.80	99	70.4	0.283	48	40.8 - 55.2	39	5.28	2600	9G1248H102
2.45	87	54.2	0.218	48	40.8 - 55.2	36	4.32	2280	9G1248F102
2.10	74	39.6	0.16	48	40.8 - 55.2	32	3.36	1950	9G1248M102

Click to view dimensional drawings

- Models without sensor
- Models with sensor
- Ribless models without sensor
- Ribless Models with sensor

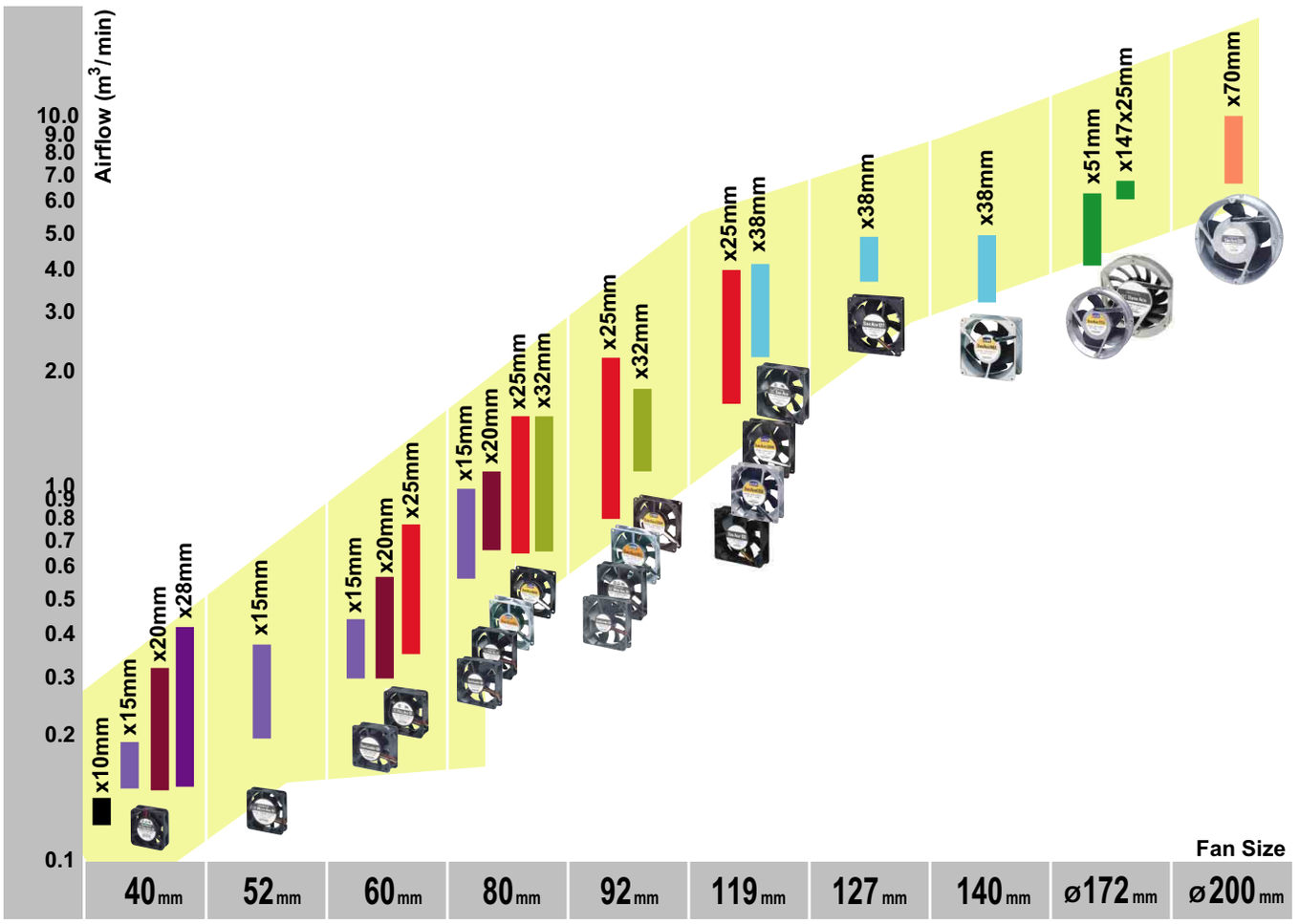
Notes: (1) Listed models are non-sensor types
(2) Airflow, power input, speed and noise ratings are at nominal voltage against zero static pressure.
(3) Static pressure ratings are at nominal voltage against zero air flow.
(4) Noise ratings are average values as measured from a point one (1) meter from intake of fan suspended in an anechoic chamber.
(5) Air performance curves show fan outputs with unobstructed inlets and outlets.
(6) Some model types are without UL, CSA and TÜV approvals.

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DC San Ace

High performance axial fans ranging from 40mm square to Ø200mm in 5, 12, 24 and 48 Vdc.
Airflow from 3.18 to 369 CFM.



San Cooler

New series of axial fans manufactured at SANYO DENKI PHILIPPINES. Comparable performance to DC SAN ACE with cost reductions from savings due to newly designed fan construction and lower manufacturing costs.



Scirocco Ace

High performance centrifugal blowers in 4 sizes from 76mm to 160mm square at 12Vdc and 24Vdc. Airflow from 8.8 to 57.2 cfm.

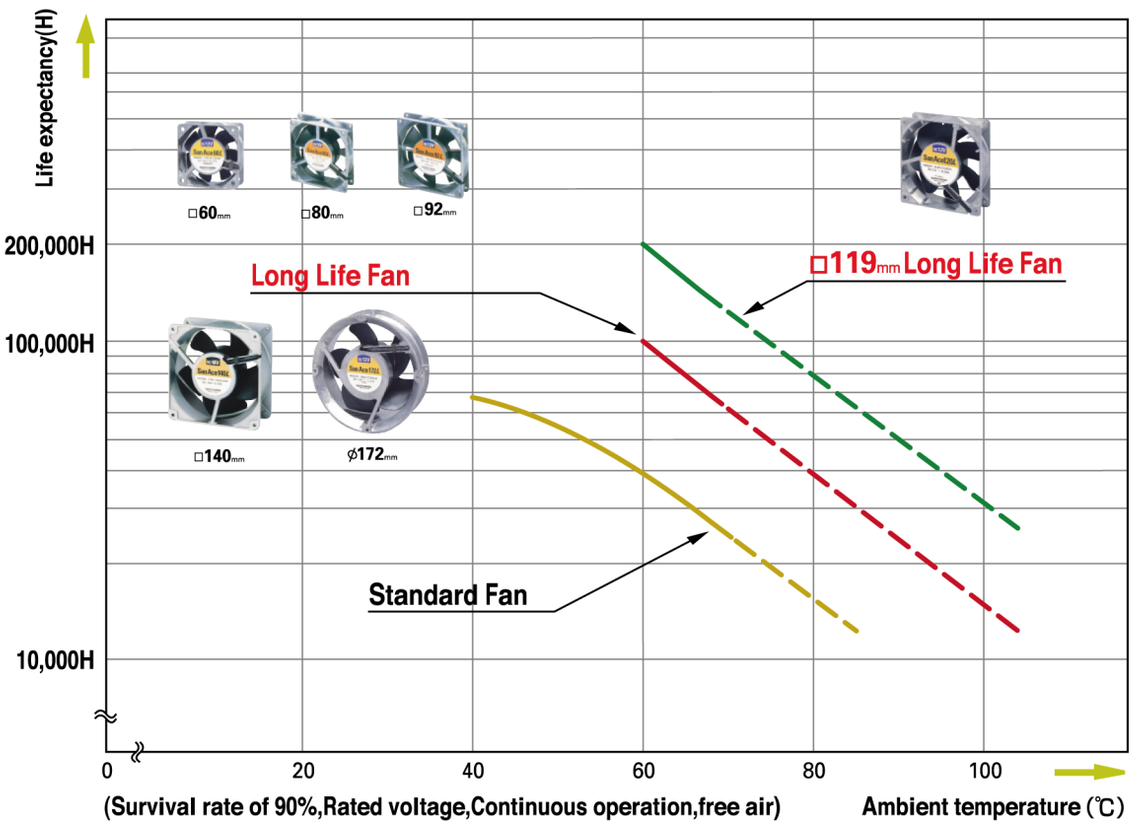


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Long Life Fans

Fans capable of 100,000 - 200,000 of maintenance-free continuous operation at 60ºC.



Splash Proof Fans

Wide range of IPX4 and IP55 rated water protected fans.



Size / Series	60mm X 25mm	80mm X 25mm	92mm X 25mm	119mm X 38mm	140mm X 38mm	140mm X 51mm
W	———	IP55	IP55	IP55	IP55	IP55
WS	———	IPX4	IPX4	IPX4	———	———
WA	Oil protected	———	———	———	———	———
All	Humi-Seal 1A27					

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