



120×120×25 mm

San Ace 120 9G type Model 9G1212B401 is not certified.

General Specifications

- Material Frame: Plastic (Flammability: UL 94V-0), Impeller: Plastic (Flammability: UL 94V-1)
- Expected life See the table below. (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage)
- Motor protection function Locked rotor burnout protection, Reverse polarity protection
For details, please refer to p. 547.
- Dielectric strength 50/60 Hz, 500 VAC, for 1 minute (between lead wire conductors and frame)
- Insulation resistance 10 MΩ or more with a 500 VDC megger (between lead wire conductors and frame)
- Sound pressure level (SPL) At 1 m away from the air inlet
- Storage temperature -30 to +70°C (Non-condensing)
- Lead wire ⊕Red ⊖Black or Blue (Sensor) Yellow
- Mass 240 g

Specifications

The models listed below **have ribs and pulse sensors**. For models without ribs, append "1" to the end of model numbers.

| Model no. | Rated voltage [V] | Operating voltage range [V] | Rated current [A] | Rated input [W] | Rated speed [min ⁻¹] | Max. airflow [m ³ /min] [CFM] | Max. static pressure [Pa] [inchH ₂ O] | SPL [dB (A)] | Operating temperature [°C] | Expected life [h] |
|-------------------|-------------------|-----------------------------|-------------------|-----------------|----------------------------------|--|--|--------------|----------------------------|-------------------|
| 9G1212G401 | 12 | 10.2 to 13.8 | 0.9 | 10.8 | 4100 | 3.68 130 | 120 0.482 | 51 | -20 to +70 | 40000/60°C |
| 9G1212E401 | | | 0.58 | 6.96 | 3650 | 3.25 115 | 98 0.394 | 48 | | |
| 9G1212A401 | | | 0.4 | 4.8 | 3150 | 2.83 100 | 77 0.309 | 44 | | |
| 9G1212H401 | | 6 to 13.8 | 0.31 | 3.72 | 2850 | 2.5 88 | 64 0.257 | 40 | | |
| 9G1212F401 | | 7 to 13.8 | 0.19 | 2.28 | 2250 | 1.98 70 | 42 0.169 | 35 | | |
| 9G1212M401 | | | 0.14 | 1.68 | 1950 | 1.66 59 | 31 0.124 | 29 | | |
| 9G1212B401 | | 10.2 to 13.8 | 0.06 | 0.72 | 1000 | 0.88 31 | 9.6 0.039 | 18 | | |
| 9G1224G401 | 24 | 20.4 to 27.6 | 0.47 | 11.28 | 4100 | 3.68 130 | 120 0.482 | 51 | | |
| 9G1224E401 | | | 0.37 | 8.88 | 3650 | 3.25 115 | 98 0.394 | 48 | | |
| 9G1224A401 | | | 0.21 | 5.04 | 3150 | 2.83 100 | 77 0.309 | 44 | | |
| 9G1224H401 | | 12 to 27.6 | 0.17 | 4.08 | 2850 | 2.5 88 | 64 0.257 | 40 | | |
| 9G1224F401 | | 20.4 to 27.6 | 0.1 | 2.4 | 2250 | 1.98 70 | 42 0.169 | 35 | | |
| 9G1224M401 | | | 0.08 | 1.92 | 1950 | 1.66 59 | 31 0.124 | 29 | | |
| 9G1248G401 | | 48 | 40.8 to 55.2 | 0.23 | 11.04 | 4100 | 3.68 130 | 120 0.482 | | |
| 9G1248E401 | 0.16 | | | 7.68 | 3650 | 3.25 115 | 98 0.394 | 48 | | |
| 9G1248A401 | 0.13 | | | 6.24 | 3150 | 2.83 100 | 77 0.309 | 44 | | |
| 9G1248H401 | 0.1 | | | 4.8 | 2850 | 2.5 88 | 64 0.257 | 40 | | |
| 9G1248F401 | 0.06 | | | 2.88 | 2250 | 1.98 70 | 42 0.169 | 35 | | |
| 9G1248M401 | 0.05 | | | 2.4 | 1950 | 1.66 59 | 31 0.124 | 29 | | |

The following sensor and control options are available for selection.

Differs according to the model. Refer to the table on pp. 568 to 570. Without sensor Lock sensor PWM control

Airflow - Static Pressure Characteristics

9G1212G401 With pulse sensor

Operating voltage range



9G1212E401 With pulse sensor

Operating voltage range



9G1212A401 With pulse sensor

Operating voltage range



Airflow - Static Pressure Characteristics

9G1212H401 With pulse sensor

Operating voltage range



9G1212F401 With pulse sensor

Operating voltage range



9G1212M401 With pulse sensor

Operating voltage range



9G1212B401 With pulse sensor

Operating voltage range



9G1224G401 With pulse sensor

Operating voltage range



9G1224E401 With pulse sensor

Operating voltage range



9G1224A401 With pulse sensor

Operating voltage range



9G1224H401 With pulse sensor

Operating voltage range



9G1224F401 With pulse sensor

Operating voltage range



9G1224M401 With pulse sensor

Operating voltage range



9G1248G401 With pulse sensor

Operating voltage range



9G1248E401 With pulse sensor

Operating voltage range



Airflow - Static Pressure Characteristics

9G1248A401 With pulse sensor

Operating voltage range



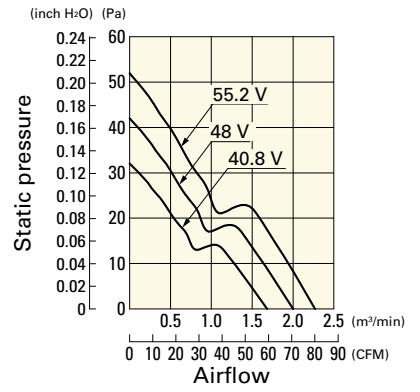
9G1248H401 With pulse sensor

Operating voltage range



9G1248F401 With pulse sensor

Operating voltage range



9G1248M401 With pulse sensor

Operating voltage range



Dimensions (unit: mm) (With ribs)

