

## SANYODENKI



## Sanyo Denki's Endurance Fan Series

As Japan's first manufacturer of cooling fans for electronic equipment, Sanyo Denki offers more than 500 fan models to meet your customers' needs. Sanyo Denki fans deliver real value in terms of quality, reliability, performance, and affordability. The Endurance fan series, known for its enhanced reliability and environmental-protection benefits, offers excellent performance and low power consumption.

### Features ▶

- Minimum L10 life of 40,000 hours at 60°C reliability across entire product line
- Specific products below capable of L10 life of 100,000+ hours at 60°C reliability; 5 to 20 year service life
- Consistently dependable quality
- Value-added service available

### Benefits ▶

- Excellent performance in harsh environments
- Wide temperature range
- High performance—air flow and static pressure
- Waterproof standard IP55
- Low vibration

### Applications ▶

- Factory automation
- Heavy equipment
- Transportation
- Commercial printers
- Commercial laundry equipment

### Product Specifications ▶

Part Number	Long Life DC Fans (mm)	Rated Voltage* (V)	Rated Current (A)	Rated Speed* (min <sup>-3</sup> )	Air Flow (CFM)	Static Pressure (inch H <sub>2</sub> O)	Noise (dB[A])	Operating Temperature Range (°C)	Life Expectancy (hrs.)
9L0412J302	40 x 28	12	0.31	11,700	18.4	0.827	48	-10 to +70	100,000
109L0612G402	60 x 25	12	0.24	5,600	27.5	0.351	39	-10 to +70	100,000
109L0812S402	80 x 25	12	0.26	3,400	42.5	0.2	37	-10 to +70	100,000
109L1212H102	120 x 38	12	0.4	2,850	106	0.283	41	-10 to +70	100,000
Part Number	Extended Long Life/Low Noise DC Fans (mm)	Rated Voltage (V)	Rated Current (A)	Rated Speed (min <sup>-3</sup> )	Air Flow (CFM)	Static Pressure (inch H <sub>2</sub> O)	Noise (dB[A])	Operating Temperature Range (°C)	Life Expectancy (hrs.)
9LB1212H102	120 x 38	12	0.39	2,600	102.4	0.272	39	-10 to +70	200,000
9LB1212M102	120 x 38	12	0.22	2,000	77.7	0.169	32	-10 to +70	200,000
Part Number	Oil-Proof DC Fans (mm)	Rated Voltage (V)	Rated Current (A)	Rated Speed (min <sup>-3</sup> )	Air Flow (CFM)	Static Pressure (inch H <sub>2</sub> O)	Noise (dB[A])	Operating Temperature Range (°C)	Life Expectancy (hrs.)
9WF0424H602	40 x 20	24	0.11	13,100	9.2	0.361	42	-10 to +70	40,000
9WF0624H402	60 x 25	24	0.15	6,500	23.6	0.390	41	-10 to +70	40,000
9WF1224H102	120 x 38	24	0.32	3,100	118	0.402	46	-10 to +70	40,000
Part Number	Splash/Waterproof DC Fans (mm)	Rated Voltage (V)	Rated Current (A)	Rated Speed (min <sup>-3</sup> )	Air Flow (CFM)	Static Pressure (inch H <sub>2</sub> O)	Noise (dB[A])	Operating Temperature Range (°C)	Life Expectancy (hrs.)
9WP0612H402	60 x 25 WP	12	0.11	3,800	18.7	0.161	28	-10 to +70	60,000
109W0812H402	80 x 25	12	0.18	3,000	37.4	0.157	32	-10 to +70	100,000
9WP0812H402	80 x 25 WP	12	0.13	2,900	36.4	0.142	29	-10 to +70	60,000
9WS0812H402	80 x 25 WS	12	0.16	3,100	33.2	0.181	32	-10 to +70	40,000
109W0912H402	92 x 25	12	0.21	2,850	48.7	0.181	33	-10 to +70	100,000
9WS0912H402	92 x 25 WS	12	0.17	2,850	48.7	0.181	33	-10 to +70	40,000
109W1212H102	120 x 38	12	0.4	2,850	106	0.283	41	-10 to +60	100,000
9WP1212H102	120 x 38 WP	12	0.38	2,600	99	0.283	39	-10 to +70	40,000
9WG1212J102	120 x 38	12	1.9	4,800	180	0.924	57	-10 to +70	60,000
9WS1212H102	120 x 38 WS	12	0.47	2,600	102.4	0.272	39	-10 to +60	40,000
109W1412H102	140 x 38	12	0.73	2,600	159	0.394	46	-10 to +60	100,000
9WB1412S502	140 x 51	12	2.7	4,200	286	0.964	57	-10 to +70	60,000

\*These are all available in additional speeds and voltages.