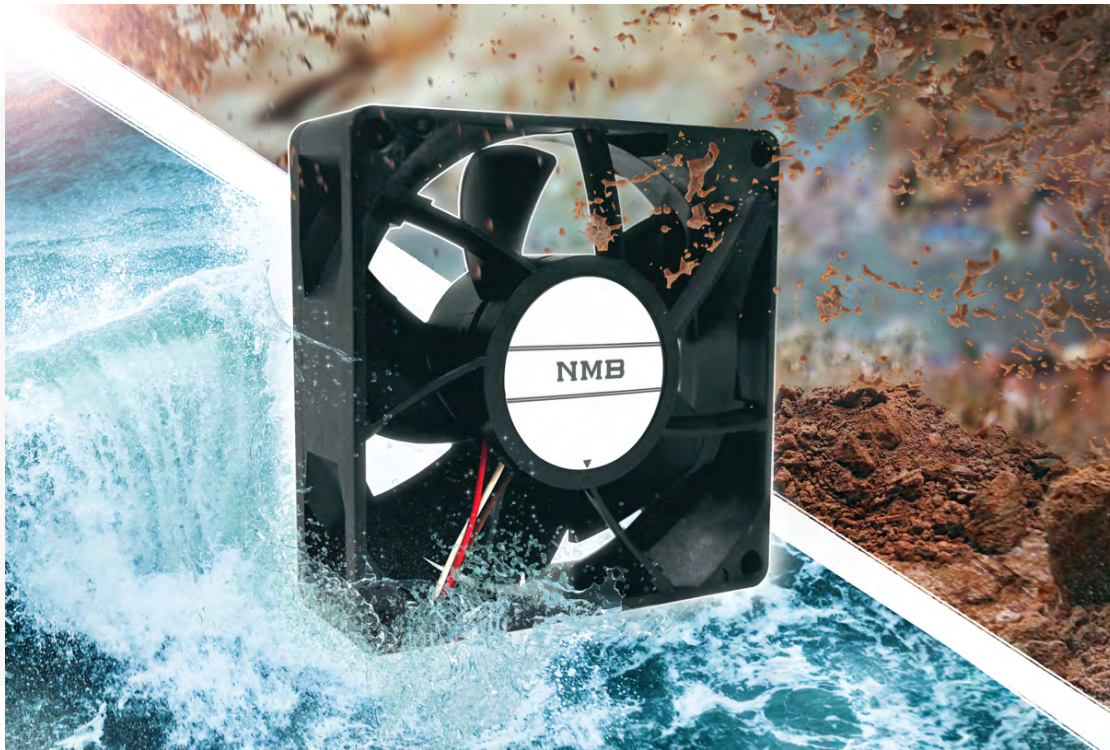


# IP68 & PWM AIR MOVERS



**NMB Technologies** expands our selection with a new line of products. For the first time, we are offering fans with IP68 protection/GR 487 Salt Fog compliance and PWM speed control. IP68 provides the industry's highest protection against dust and water ingress in harsh environments and other challenging outdoor applications. These 40mm to 172mm fans are available in 12V, 24V and 48V for select models, with tach output for speed monitoring and PWM for precision fan speed control. Fans are outfitted with NMB stainless steel ball bearings for long life and high reliability.

## Features

- ◆ Long life and high reliability with NMB precision machined dual stainless steel ball bearings
- ◆ IP68/IP69K rating per IEC 60529/ISO20653 standard
- ◆ PWM and Tach Output
- ◆ Efficient motor technology and aerodynamic impeller design
- ◆ GR-487 salt fog compliance on select models\*
- ◆ Sulfur gas and ammonia corrosion resistant



## Applications

- EV/Battery Charging
- Power Storage
- 5G Telecommunication
- PV Inverters
- Outdoor applications
- Heat Exchangers



\*Please refer to individual data sheets for application details

# IP68 & PWM AIR MOVERS



## Typical Expected L10 Life

100,000 hours at 25 Celsius \*

\*Reference Data available upon request

## Material

**Casing:** Plastic (UL 94V-0) or Aluminum on select models

**Impeller:** Plastic (UL 94V-0)

**Bearing:** Dual Stainless Steel Ball Bearings

**Lead Wire:** UL rated AWG22-AWG26

## Specifications

NMB P/N	Size (mm)	Width (mm)	Rate Voltage (v)	Speed (min <sup>-1</sup> )	Air Flow		Pressure		Power (W)	Noise (dB)
					(m <sup>3</sup> /Min)	(CFM)	(Pa)	(Inch H2O)		
04028DE-12P-ZUK-2	40	28	12	18,000	0.68	24.0	458	1.84	6.84	55
04028DE-24P-ZUK-1	40	28	24	18,000	0.68	24.0	458	1.84	6.84	55
06025DE-12R-CU-06	60	25	12	11,000	1.29	45.6	290	1.16	8.04	52
06025DE-24R-CU-02	60	25	24	11,000	1.29	45.6	290	1.16	8.64	52
08025VE-12P-CUD-6*	80	25	12	7,000	2.07	73.1	190	0.76	6.84	53
08025VE-24P-CUD-2*	80	25	24	7,000	2.07	73.1	190	0.76	6.72	53
09225VE-24Q-CU-02	92	25	24	5,600	2.73	96.4	150	0.60	9.12	51
09238RG-24P-GUD-1	92	38	24	6,700	4.00	141.0	260	1.04	22.08	61
12038ME-48R-GK-01	120	38	48	9,000	5.25	185.0	740	2.97	39.36	72
12038VE-12R-GUE-4	120	38	12	6,400	6.90	244.0	370	1.49	38.40	66
12038VE-24R-GUE-2	120	38	24	6,400	6.90	244.0	370	1.49	38.40	66
12038VE-48R-GU-01	120	38	48	6,400	6.90	244.0	370	1.49	36.00	64
15050VE-48R-GU-03	150	50	48	4,600	9.80	346.1	312	1.25	43.20	68
17250VE-48R-GU-01	172	50	48	4,600	9.80	346.0	312	1.25	43.20	62

\*Not for salt fog applications