

PWM AIR MOVERS



NMB Technologies expands our lineup of PWM controlled fans. These 40mm to 92mm fans are available in 12V with tachometer output for speed monitoring and PWM for precision fan speed control. Fans are outfitted with NMB precision machined steel ball bearings for long life and high reliability. Select models are designed with 3 phase motors offering high speed, efficient cooling for demanding applications. Dual motor, counter rotating fans provide higher performance and redundancy.

Features

- ◆ PWM speed control
- ◆ Long life and high reliability with NMB precision machined steel ball bearings
- ◆ 3 phase motor design on select models
- ◆ Tachometer output
- ◆ Competitively priced

Applications



Telecom
Data Storage
Data Center
Servers
Routers
UPS
Networking
Power Supplies

PWM AIR MOVERS

Expected Lifetime

70,000 Hrs @ 40°C*

*Reference Data available upon request

Material

Casing: Plastic (Black) 94V-0

Impeller: Plastic (Black) 94V-0

Bearing: Steel

Lead Wire: UL rated AWG20-AWG28

Specifications

NMB P/N	Size (mm)	Width (mm)	Rate Voltage (v)	RPM	Air Flow		Pressure		Power (W)	Noise (dB)
					(m³/Min)	(CFM)	(Pa)	(Inch H2O)		
04020VA-12R-AU-01	40	20	12	12,000	0.38	13.4	165	0.66	2.16	46.0
04028DA-12V-A6K-G	40	28	12	29,500	1.13	39.9	1350	5.42	26.40	67.0
04028DA-12T-A6N-E	40	28	12	34,500	0.98	34.6	1900	7.60	30.00	69.5
04056DA-12T-E6E-8	40	56	12	29,000	0.80	29.8	1495	6.00	15.60	60.0
04056EA-12S-E6F-A	40	56	12	25,200/21,000	1.00	35.3	1285	5.17	26.40	69.5
06025SA-12S-AU-D6	60	25	12	7,000	1.01	35.7	138	0.55	4.08	42.5
06056EA-12S-E6D-L	60	56	12	17,750/15,450	2.00	72.0	1640	6.60	38.40	74.0
06076EA-12S-E6-0C	60	76	12	18,200/16,700	2.40	85.7	1650	6.62	54.60	78.0
08038DA-12T-E6E-F	80	28	12	17,000	3.90	137.7	1370	5.48	61.20	76.5
08080EA-12S-E6D-2	80	80	12	15,800/16,300	3.99	141.0	2490	10.00	96.00	79.0
08080EA-12S-E6E-C	80	80	12	15,400/13,900	4.84	171.0	1690	6.80	120.00	83.5