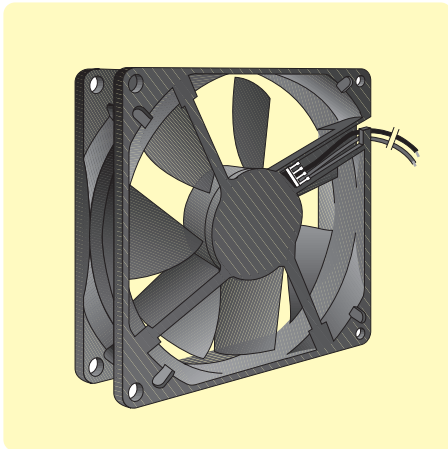


A range of zero maintenance, high reliability DC axial fans utilising Panasonic's patented Hydro Wave Bearing system (HWB). The HWB offers excellent airflow characteristics with low noise levels that remain stable over the life of the fan, up to 50,000 hours depending on model. Available in a variety of popular sizes, the fans are moulded from black PBT which is flame retardant to UL94V-0. The fans are also compatible with the range of DYN fan guards shown on page 381.



- ◆ High reliability, low noise DC fans
- ◆ Sizes from 60mm to 120mm
- ◆ Flame retardant mouldings
- ◆ Patented **Hydro Wave Bearing** system
- ◆ Locked rotor protected
- ◆ Finger guards & filtered finger guards available

**Specification:**

**Materials & Finishes**

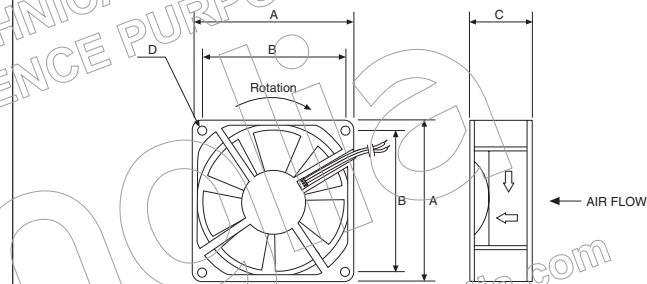
Frame ..... Black PBT  
 flame retardant to UL94V-0  
 Impeller..... Black PBT  
 flame retardant to UL94V-0  
 Bearing system ..... Hydro Wave

**Electrical**

Insulation resistance ..... 10MΩ at 500Vdc  
 between leadwire & frame  
 Dielectric withstand ..... 500Vac for 1-minute  
 between leadwire & frame  
 Operating temp. range..... -10°C to +70°C  
 Life expectancy ..... ≥50,000 hrs at 40°C 60 x 60 x 25.5  
 80 x 80 x 25.5  
 92 x 92 x 25.5  
 ≥30,000 hrs at 25°C 120 x 120 x 38  
 60 x 60 x 15  
 ≥20,000 hrs at 25°C 80 x 80 x 15

Safety systems ..... Locked rotor protected with auto re-start

**Dimensions (mm)**



Size	Depth	A	B	C	D (dia.)	Termination Method
<b>DC Fans</b>						
60 x 60	15	60	50	15	4.0	300mm wire leads
60 x 60	25.5	60	60	25.5	4.0	300mm wire leads
80 x 80	15	80	71.5	15	4.5	300mm wire leads
80 x 80	25.5	80	71.5	25.5	4.5	300mm wire leads
92 x 92	25.5	92	82.5	25.5	4.5	300mm wire leads
120 x 120	38	120	105	38	4.5	300mm wire leads

**DC Axial Fans**

Size (mm)	Depth (mm)	Rated Voltage (V)	Current (mA)	Input Power (W)	Nom. Speed (RPM)	Airflow (CFM)	Noise @ 1m (dBA)	Manf. Part No. & anglia Order Code
60 x 60	15	12	145	1.74	4200	16.6	32	FBA06T12H
		24	83	1.99	4200	16.6	32	FBA06T24H
60 x 60	25.5	12	155	1.86	4200	19.1	32	FBA06A12H1A
		24	85	2.04	4200	19.1	32	FBA06A24H1A
80 x 80	15	12	200	2.4	3100	31.4	34	FBA08T12H
		24	110	2.64	3100	31.4	34	FBA08T24H
80 x 80	25.5	12	173	2.08	2950	39.6	32	FBA08A12H1A
		24	105	2.52	2950	39.6	32	FBA08A24H1A
92 x 92	25.5	12	225	2.7	2950	56.8	35	FBA09A12H1A
		24	140	3.36	2950	56.8	35	FBA09A24H1A
120 x 120	38	12	370	4.44	2500	103.8	41.5	FBA12G12H1A
		24	200	4.8	2500	103.8	41.5	FBA12G24H1A

The above range is brief overview of the most popular models. Many more sizes and options are available including different fan speeds and airflow, low noise models and extra output wires for tachometer speed sensing. Please contact our Sales Desk for details.