

## FAN

## FANTEC Series

# FANTEC

### Certificates

- UL and cUL Recognized, File Number E508880
- CE Compliant

### Application

FANTEC series Axial Fans are designed to supply forced convection air to enclosures and electrical panels. By using the unique cooling features, FANTECs will cool down the inside of enclosures to a desired temperature to protect the electrical and electronic parts against heat.

### Features

- Wide range of operating temperatures from -20 C/68 F to 70 C/158 F
- Fans are available in 115, 230 VAC, 460 VAC and 12, 24, and 48 VDC
- Airflow from 24 CFM to 1000 CFM (40 m<sup>3</sup>/hr to 1700 m<sup>3</sup>/hr)
- Thermally or Impedance Protected
- 50,000 hrs life cycle
- Aluminum Die Cast housing

### Color

- Black



c **UL** US  
E508880

CE

# Technical Data

Model No.	Outline Dimension	Rated Voltage	Frequency	Power Consumption	Rotating Speed	Max. Air Flow	Max. Static Pressure	Noise Level
AR8038115XBT	80 X 80 X 38 mm	115 VAC	50/60 Hz	12/9 W ± 10%	2400/2900 RPM ± 10%	0.68/0.80 m³/min	3.5/4.9 mmH2O	33/38 dB(A)
	3-5/32" X 3-5/32" X 1-1/2"					24/28.4 CFM	0.14/0.19 inchH2O	
AR8038230XBT	80 X 80 X 38 mm	230 VAC	50/60 Hz	17/12 W ± 10%	2400/2900 RPM ± 10%	0.68/0.80 m³/min	3.5/4.9 mmH2O	33/38 dB(A)
	3-5/32" X 3-5/32" X 1-1/2"					24/28.4 CFM	0.14/0.19 inchH2O	
AR803812XBT	80 X 80 X 38 mm	12 VDC	-	10.8 (MAX. 21.6) W	6000 RPM ±10%	2.28 m³/min	17.77 mmH2O	55 dB(A)
	3-5/32" X 3-5/32" X 1-1/2"					80 CFM	0.69 inchH2O	
AR803824XBT	80 X 80 X 38 mm	24 VDC	-	9.6 (Max. 21.12) W	6000 RPM ±10%	2.28 m³/min	17.77 mmH2O	55 dB(A)
	3-5/32" X 3-5/32" X 1-1/2"					80 CFM	0.69 inchH2O	
AR803848XBT	80 X 80 X 38 mm	48 VDC	-	9.6 (Max. 24) W	6000 RPM ±10%	2.28 m³/min	17.77 mmH2O	55 dB(A)
	3-5/32" X 3-5/32" X 1-1/2"					80 CFM	0.69 inchH2O	
AR12038115XBT	120 x 120 x 38 mm	115 VAC	50/60 Hz	20/17 W ± 10%	2650/3000 RPM ± 10%	2.38/2.72 m³/min	7.5/7.8 mmH2O	43/47 dB(A)
	4-23/32" X 4-23/32" X 1-1/2"					84/96 CFM	0.30/31 inchH2O	
AR12038230XBT	120 x 120 x 38 mm	230 VAC	50/60 Hz	17/15 W ± 10%	2650/3000 RPM ± 10%	2.38/2.72 m³/min	7.5/7.8 mmH2O	43/47 dB(A)
	4-23/32" X 4-23/32" X 1-1/2"					84/96 CFM	0.30/31 inchH2O	
AR1203812XBT	120 x 120 x 38 mm	12 VDC	-	16.2 (Max. 18) W	3500 RPM ± 10%	5.24 m³/min	12.23 mmH2O	52 dB(A)
	4-23/32" X 4-23/32" X 1-1/2"					185 CFM	0.48 inchH2O	
AR1203824XBT	120 x 120 x 38 mm	24 VDC	-	20.4 (Max. 34.8) W	3500 RPM ± 10%	5.24 m³/min	12.23 mmH2O	52 dB(A)
	4-23/32" X 4-23/32" X 1-1/2"					185 CFM	0.48 inchH2O	
AR1203848XBT	120 x 120 x 38 mm	48 VDC	-	15.36 (Max. 19.2) W	3500 RPM ± 10%	5.24 m³/min	12.23 mmH2O	52 dB(A)
	4-23/32" X 4-23/32" X 1-1/2"					185 CFM	0.48 inchH2O	
AR17251115XBT	ø 172 X 150 X 51 mm	115 VAC	50/60 Hz	43/40 W ± 10%	2700/3000 RPM ± 10%	4.96/5.10 m³/min	12/7.5 mmH2O	56/58 dB(A)
	6-49/64" X 5-29/32" X 2-1/64"					175/180 CFM	0.47/0.30 inchH2O	
AR17251230XBT	ø 172 X 150 X 51 mm	230 VAC	50/60 Hz	38/36 W ± 10%	2700/3000 RPM ± 10%	4.96/5.10 m³/min	12/7.5 mmH2O	56/58 dB(A)
	6-49/64" X 5-29/32" X 2-1/64"					175/180 CFM	0.47/0.30 inchH2O	
AR17251115XBTM	ø 172 X 150 X 51 mm	115 VAC	50/60 Hz	36/33 W ± 10%	2750/3150 RPM ± 10%	5.9/7.1 m³/min	13.9/14.73 mmH2O	56/58 dB(A)
	6-49/64" X 5-29/32" X 2-1/64"					210/250 CFM	0.47/0.30 inchH2O	
AR17251230XBTM	ø 172 X 150 X 51 mm	230 VAC	50/60 Hz	36/33 W ± 10%	2750/3150 RPM ± 10%	5.9/7.1 m³/min	13.9/14.73 mmH2O	56/58 dB(A)
	6-49/64" X 5-29/32" X 2-1/64"					210/250 CFM	0.47/0.30 inchH2O	
AR1725112XBT	ø 172 X 150 X 51 mm	12 VDC	-	14.64 W ± 10%	3000 RPM ± 10%	6.43 m³/min	10.69 mmH2O	56 dB(A)
	6-49/64" X 5-29/32" X 2-1/64"					185 CFM	0.6 inchH2O	
AR1725148XBT	ø 172 X 150 X 51 mm	48 VDC	-	16.8 W ± 10%	3000 RPM ± 10%	6.43 m³/min	10.69 mmH2O	56 dB(A)
	6-49/64" X 5-29/32" X 2-1/64"					185 CFM	0.6 inchH2O	
AR25089C115XBT	ø 254 X 89 mm	115 VAC	50/60 Hz	30/35 W ± 10%	1500/1650 RPM ±10%	13/15.5 m³/min	8/10 mmH2O	48/50 dB(A)
	ø 10" X 3-1/2"					460/550 CFM	0.31/0.39 inchH2O	
AR25089C230XBT	ø 254 X 89 mm	230 VAC	50/60 Hz	31/33 W ± 10%	1500/1650 RPM ± 10%	13/15.5 m³/min	8/10 mmH2O	48/50 dB(A)
	ø 10" X 3-1/2"					460/550 CFM	0.31/0.39 inchH2O	
AR25089S115XBT	ø 254 X 89 mm	115 VAC	50/60 Hz	69/79.5 W ± 10%	2100/1800 RPM ± 10%	20.2/17.8 m³/min	8.25/7.15 mmH2O	61/58 dB(A)
	ø 10" X 3-1/2"					700/630 CFM	0.32/0.28 inchH2O	
AR25089S230XBT	ø 254 X 89 mm	230 VAC	50/60 Hz	63.2/72.2 W ± 10%	2100/1800 RPM ± 10%	20.2/17.8 m³/min	8.25/7.15 mmH2O	61/58 dB(A)
	ø 10" X 3-1/2"					700/630 CFM	0.32/0.28 inchH2O	
AR25089G115XBTM	ø 254 X 89 mm	115 VAC	50/60 Hz	95/105 W ± 10%	2800/3250 RPM ± 10%	23.8/28.3 m³/min	19.81/15.24 mmH2O	70/68 dB(A)
	ø 10" X 3-1/2"					840/1000 CFM	0.78/0.60 inchH2O	
AR25089G230XBTM	ø 254 X 89 mm	230 VAC	50/60 Hz	95/105 W ± 10%	2800/3250 RPM ± 10%	23.8/28.3 m³/min	19.81/15.24 mmH2O	70/68 dB(A)
	ø 10" X 3-1/2"					840/1000 CFM	0.78/0.60 inchH2O	
AR25089G440XBTM	ø 254 X 89 mm	440 VAC	50/60 Hz	95/105 W ± 10%	2800/3250 RPM ± 10%	23.8/28.3 m³/min	19.81/15.24 mmH2O	70/68 dB(A)
	ø 10" X 3-1/2"					840/1000 CFM	0.78/0.60 inchH2O	
AR25089S24XBT	ø 254 X 89 mm	24 VDC	-	63 W ± 10%	2500 RPM ± 10%	24.1 m³/min	21.08 mmH2O	68 dB(A)
	ø 10" X 3-1/2"					850 CFM	0.83 inchH2O	
AR2508948XBT	ø 254 X 89 mm	48 VDC	-	67.2 W ± 10%	2500 RPM ± 10%	20.31 m³/min	25.5 mmH2O	68 dB(A)
	ø 10" X 3-1/2"					718 CFM	1.00 inchH2O	