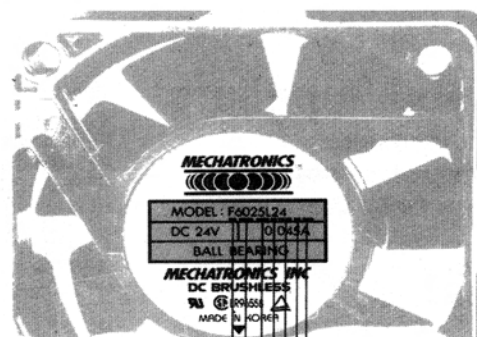


FEATURE

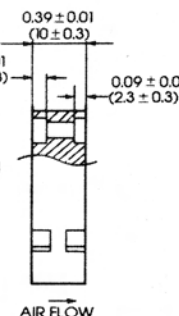
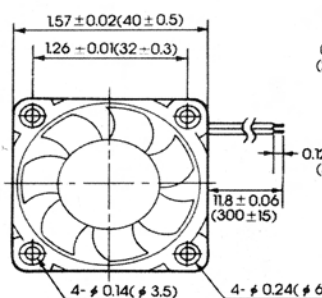
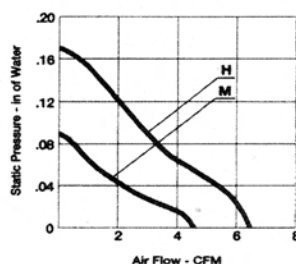
- DC Fans, 5/12/24/48 VDC
- Ball or Sleeve Bearing Construction
- Low Noise and Low Power Design
- Reverse Polarity and Locked Rotor Protection
- Tachometer and Locked Rotor Signal Outputs
- Thermistor Option
- All Models Designed to meet
UL, CSA, I.E.C 950 Standards
UL E137077, CSA 96558,
TUV R9154180/R9154178/R9154634



- Series
- Frame Size
 - 40: 40mm
 - 50: 50mm
 - 60: 60mm
 - 80: 80mm
 - 92: 92mm
 - 12: 120mm
- Frame Thickness
 - 10: 10mm
 - 25: 25mm
 - 38: 38mm
- Options
 - 1: Tachometer output
 - 2: Locked rotor output
 - 3: Thermistor speed control (Sensor on hub)
 - 4: Thermistor speed control (Sensor on lead wire end)
- Bearings
 - B: Ball Bearings
 - C: Ball & Sleeve Bearings
 - D: Sleeve Bearings
- Voltage
 - 05: DC 5V 24: DC 24V
 - 12: DC 12V 48: DC 48V
- Air Flow Level
S<L<M<H<E<X

F4010

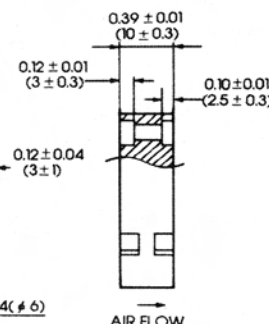
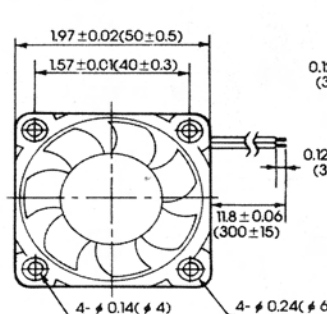
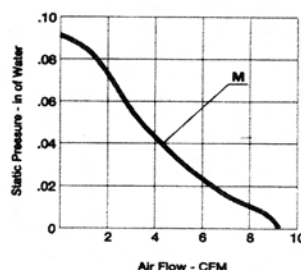
Size: 1.57 × 1.57 × 0.39inch
40 × 40 × 10mm



Model No.	Rated Voltage (V)	Current (mA)		Revolution (RPM)	Air Volume (cfm)	Max. Static Pressure (in H ₂ O)	Sound Noise (dBA)	Weight (oz)
		5	12					
F4010M	5/12	100	40	4,200	4.6	0.09	21	0.56
F4010H	12		70	6,200	6.4	0.16	26	

F5010

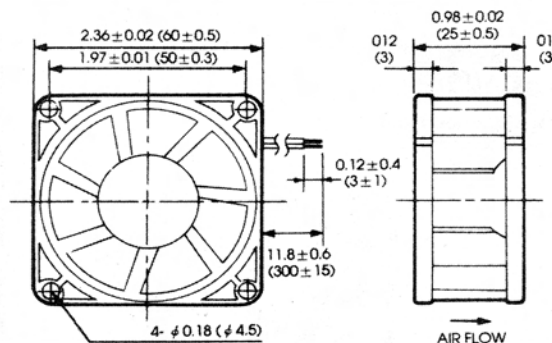
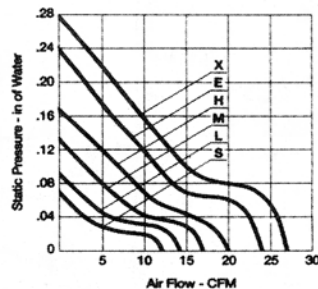
Size: 1.97 × 1.97 × 0.39inch
50 × 50 × 10mm



Model No.	Rated Voltage (V)	Current (mA)		Revolution (RPM)	Air Volume (cfm)	Max. Static Pressure (in H ₂ O)	Sound Noise (dBA)	Weight (oz)
		12						
F5010M	12	70		5,000	9.3	0.09	26	0.74

F6025

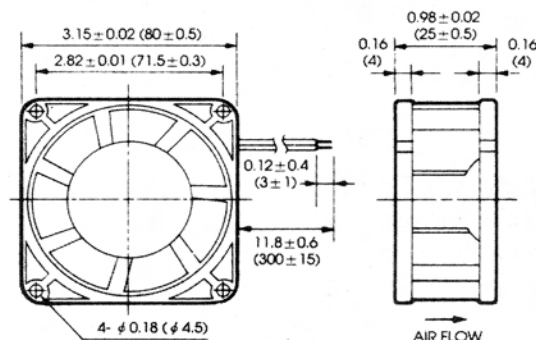
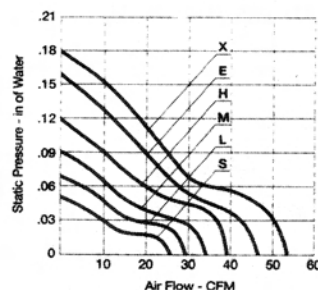
Size: 2.36×2.36×0.98 inch
60×60×25mm



Model No.	Rated Voltage (V)	Current (mA)			Revolution (RPM)	Air Volume (cfm)	Max. Static Pressure (in H ₂ O)	Sound Noise (dBA)	Weight (oz)
		5	12	24					
F6025S	5/12/24	150	75	40	2,300	12	0.07	22	2.47
F6025L	5/12/24	190	85	45	2,800	14	0.09	24	
F6025M	5/12/24	270	95	55	3,300	17	0.13	27	
F6025H	5/12/24	410	140	80	3,800	20	0.17	31	
F6025E	5/12/24	700	230	125	4,600	24	0.23	36	
F6025X	12/24		330	170	5,200	27	0.28	41	

F8025

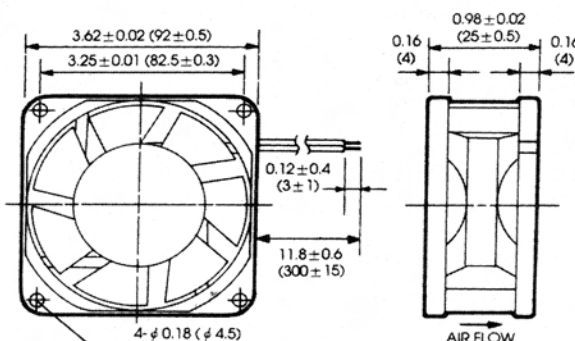
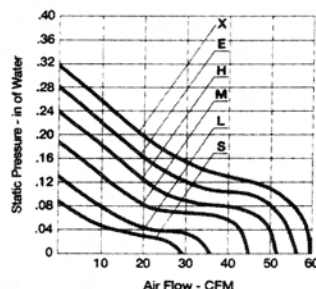
Size: 3.15×3.15×0.98 inch
80×80×25mm



Model No.	Rated Voltage (V)	Current (mA)			Revolution (RPM)	Air Volume (cfm)	Max. Static Pressure (in H ₂ O)	Sound Noise (dBA)	Weight (oz)
		5	12	24					
F8025S	5/12/24	150	75	50	1,500	25	0.05	20	2.79
F8025L	5/12/24	200	90	60	1,800	29	0.07	22	
F8025M	5/12/24	290	120	80	2,100	34	0.09	26	
F8025H	5/12/24	420	145	90	2,400	39	0.12	29	
F8025E	5/12/24	800	240	140	2,800	46	0.16	32	
F8025X	12/24		480	260	3,200	51	0.18	35	

E9225

Size: 3.62×3.62×0.98 inch
92×92×25mm



Model No.	Rated Voltage (V)	Current (mA)				Revolution (RPM)	Air Volume (cfm)	Max. Static Pressure (in H ₂ O)	Sound Noise (dBA)	Weight (oz)
		5	12	24	48					
E9225S	5/12/24	270	98	60		2,000	29	0.09	24	3.89
E9225L	5/12/24	400	150	85		2,400	35	0.13	27	
E9225M	5/12/24	560	235	125		2,800	44	0.19	32	
E9225H	12/24/48		360	168	85	3,200	51	0.24	36	
E9225E	12/24/48		498	255	130	3,600	56	0.28	39	
E9225X	12/24		550	300		4,000	60	0.32	43	

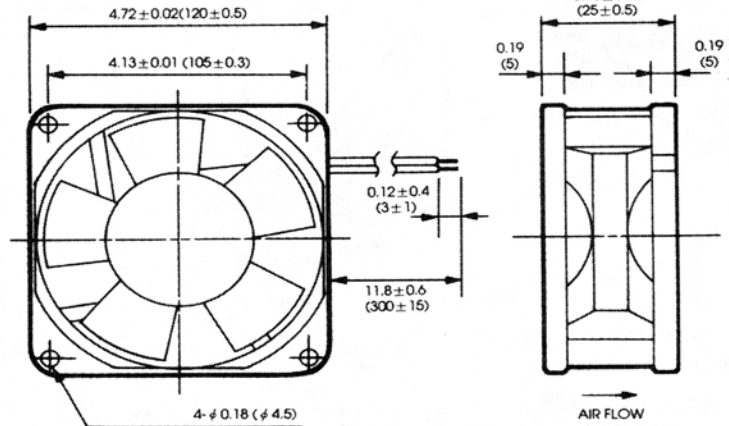
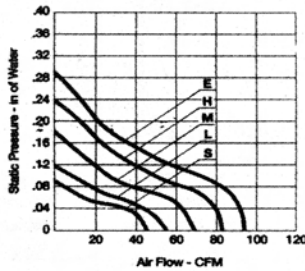
15

FANS & BLOWERS



E1225

Size: 4.72×4.72×0.98 inch
120×120×25mm

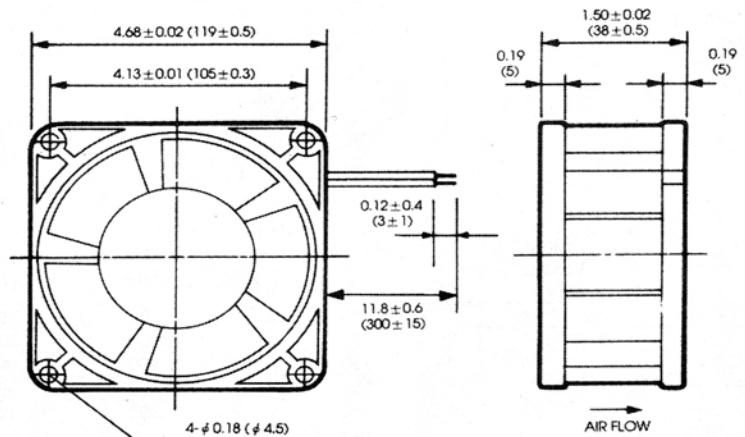
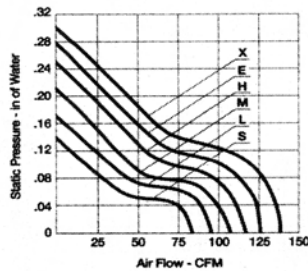


Model No.	Rated Voltage (V)	Current (mA)				Revolution (RPM)	Air Volume (cfm)	Max. Static Pressure (in H ₂ O)	Sound Noise (dBA)	Weight (oz)
		5	12	24	48					
E1225S	5/12/24	220	100	85		1,400	44	0.09	28	6.28
E1225L	5/12/24	340	142	95		1,800	55	0.12	32	
E1225M	5/12/24	600	245	160		2,200	67	0.18	36	
E1225H	12/24/48		385	240	120	2,600	82	0.24	40	
E1225E	12/24/48		580	340	170	3,000	93	0.29	44	

* Available with quick disconnect terminal block.

F1238

Size: 4.69×4.69×1.5 inch
119×119×38mm



Model No.	Rated Voltage (V)	Current (mA)				Revolution (RPM)	Air Volume (cfm)	Max. Static Pressure (in H ₂ O)	Sound Noise (dBA)	Weight (oz)
		5	12	24	48					
F1238S	5/12/24/48	520	180	90	60	1,800	82	0.14	34	7.87
F1238L	5/12/24/48	800	290	145	80	2,050	93	0.17	36	
F1238M	12/24/48		360	180	120	2,300	104	0.21	38	
F1238H	12/24/48		440	220	140	2,500	112	0.25	41	
F1238E	12/24		700	350		2,800	125	0.28	43	
F1238X	12/24		950	500		3,100	140	0.30	45	

* Available with quick disconnect terminal block.

● Mechatronics Fan Options

1. Tachometer Output Signal

White third lead wire provides a 2 pulses per revolution square wave output, open collector format, TTL compatible signal.

2. Locked Rotor Output Signal

Yellow third lead wire provides an open collector formatted low output signal while fan is rotating. When rotation stops, the signal changes to an open collector high output, TTL compatible signal.

3. Thermistor Speed Control - Hub mounted sensor

4. Thermistor Speed Control - Wire mounted sensor