



DC Brushless Fans

4941 Walnut Grove Ave., San Gabriel, CA 91776 (626) 287-5297 www.ustoyofan.com Email: sales@ustoyofan.com FAX (626) 287-5328

Size: 4.72 in sq. x 1.0 in. thk
(120mm sq. x 25mm thk.)

Acoustical Noise: 36 - 46.5 dB (A)

OPERATING VOLTAGE: 12 VDC (6 to 13.8) - 24 VDC (14 to 27.6)

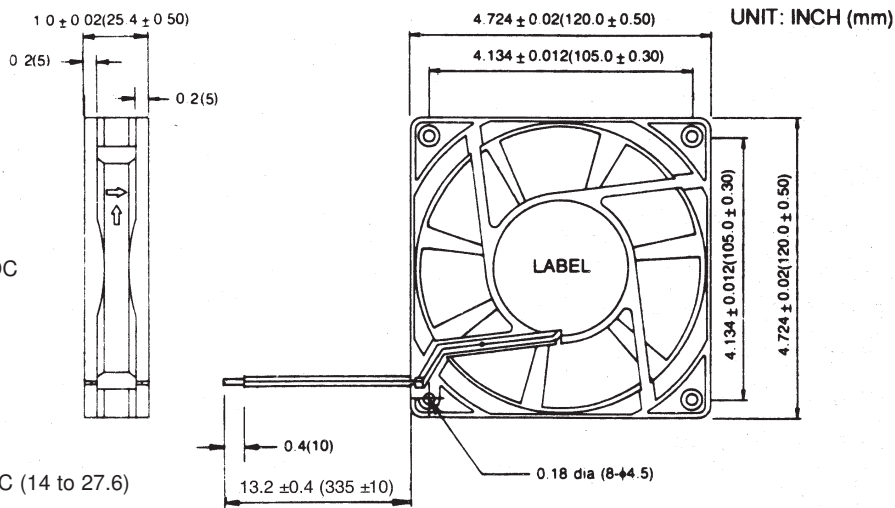
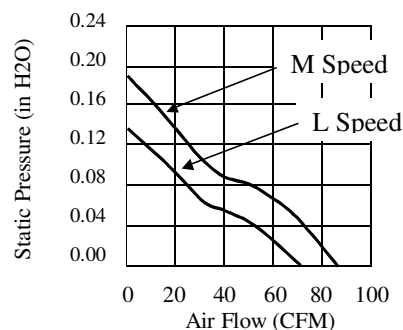


Figure 1 is a line graph showing the relationship between Static Pressure (in H₂O) on the Y-axis and Air Flow (CFM) on the X-axis. The Y-axis ranges from 0.00 to 0.45 in increments of 0.05. The X-axis ranges from 0 to 120 in increments of 20. Two curves are plotted: 'XH Speed' and 'H Speed'. Both curves show a decrease in static pressure as air flow increases. The 'XH Speed' curve starts at approximately 0.43 at 0 CFM and ends at approximately 0.00 at 100 CFM. The 'H Speed' curve starts at approximately 0.30 at 0 CFM and ends at approximately 0.00 at 120 CFM. Arrows point from the labels to their respective curves.

Air Flow (CFM)	Static Pressure (in H ₂ O) - XH Speed	Static Pressure (in H ₂ O) - H Speed
0	0.43	0.30
20	0.34	0.22
40	0.26	0.14
60	0.19	0.10
80	0.14	0.06
100	0.00	0.02
120	-	0.00



PART NUMBER	VOLTS	WATTS	AMPS	RPM	NOISE dB (A) @ 1M	CFM
USTF1202512XHW	12VDC	6.36	0.53	3400	46.5	113.1
USTF1202512HW	12VDC	3.96	0.33	2800	41.5	`95.1
USTF1202512MW	12VDC	4.32	0.36	2470	37.6	86.5
USTF1202512LW	12VDC	2.40	0.20	2100	34.0	72.4
USTF1202524XHW	24VDC	6.72	0.28	3400	46.5	113.1
USTF1202524HW	24VDC	4.32	0.18	2800	41.5	`95.1
USTF1202524MW	24VDC	4.80	0.20	2470	37.6	86.5
USTF1202524LW	24VDC	3.36	0.14	2100	34.0	72.4

Failure Detector - rotation sensing - Add Suffix "SR" to part number
Speed Controller - tach output - Add Suffix "SF" to part number