



**U.S. TOYO
FAN CORP.**

USTF6025 Series

DC Brushless Fans

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USTF6025 Series

Size: 2.36 in sq. x 1.00 in. thk
(60mm sq. x 25mm thk.)

Airflow: 14.8 - 32.5 CFM

Acoustical Noise: 24.5 - 42.5 dB (A)

MATERIAL: Frame - Black PBT (UL 94V-0)
Bearings - Ball
Impeller - Black PBT (UL 94V-0)

WEIGHT: 2.61 oz. (74g)

TERMINATION: Lead Wires (UL 1007, AWG24)

OPERATION TEMPERATURE: -10° to +70°C

INSULATION RESISTANCE: 10 megohms min @ 500 VDC

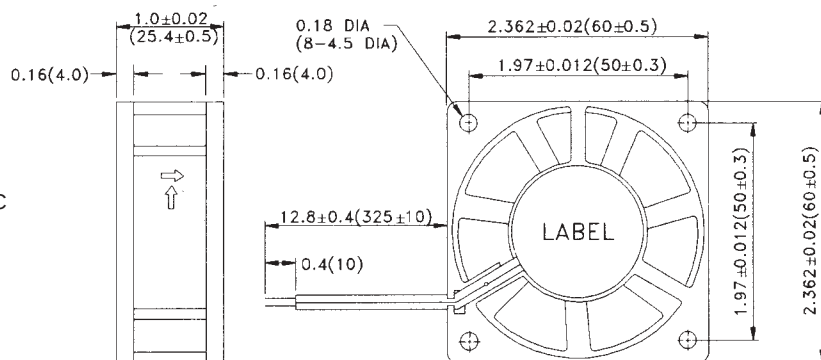
DIELECTRIC STRENGTH: 500 VAC for 1 min.

INSULATION: Class A

SAFETY: Impedance & Polarity Protected

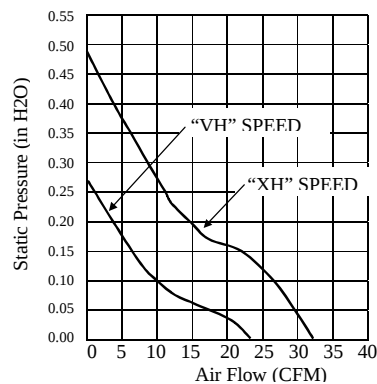
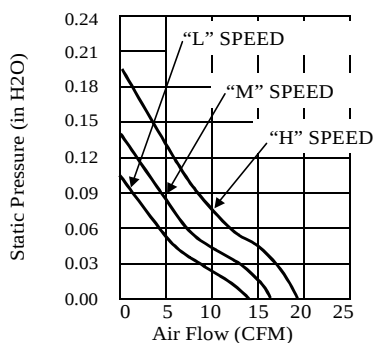
SAFETY APPROVALS: UL, CSA & CE

OPERATING VOLTAGE: 4.5 to 6.0 (5VDC), 7 to 13.8 (12VDC)
14 to 27.6 (24VDC), 28 to 56 (48VDC)



UNIT: INCH (mm)

PERFORMANCE CURVES: (Obtained with test chamber and methods in accordance with AMCA Std. 210-74)



SPECIFICATIONS: (All values are typical)

PART NUMBER	VOLTS	WATTS	AMPS	RPM	NOISE dB (A) @ 1M	CFM
USTF602505HW	5VDC	1.55	0.31	4250	28.0	19.4
USTF602512XHW	12VDC	3.00	0.25	6000	42.5	32.5
USTF602512VHW	12VDC	2.16	0.18	5000	33.0	23.0
USTF602512HW	12VDC	1.44	0.12	4250	28.0	19.4
USTF602512MW	12VDC	0.96	0.08	3600	26.5	16.2
USTF602512LW	12VDC	0.72	0.06	3100	24.5	14.8
USTF602524XHW	24VDC	2.88	0.12	6000	42.5	32.5
USTF602524VHW	24VDC	2.16	0.09	5000	33.0	23.0
USTF602524HW	24VDC	1.92	0.08	4250	28.0	19.4
USTF602524MW	24VDC	1.44	0.06	3600	26.5	16.2
USTF602524LW	24VDC	1.20	0.05	3100	24.5	14.8
USTF602548XHW	48VDC	3.84	0.08	6000	42.5	32.5
USTF602548VHW	48VDC	2.88	0.06	5000	33.0	23.0
USTF602548HW	48VDC	2.40	0.05	4250	28.0	19.4

MODELS AVAILABLE ON REQUEST:

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