



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

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## USTF6015 Series

## DC Brushless Fans

### USTF6015 Series

**Size:** 2.36 in. sq. x 0.59 in. thk  
(60mm sq. x 15mm thk.)

**Airflow:** 11.5 - 19.4 CFM

**Acoustical Noise:** 24.0 - 37.0 dB (A)

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

**WEIGHT:** 1.55 oz. (44g)

**TERMINATION:** Lead Wires (UL 1007, AWG24 or equivalent)

**OPERATION TEMPERATURE:** -10° to +70° C

**INSULATION RESISTANCE:** 10 megohms min @ 500 VDC

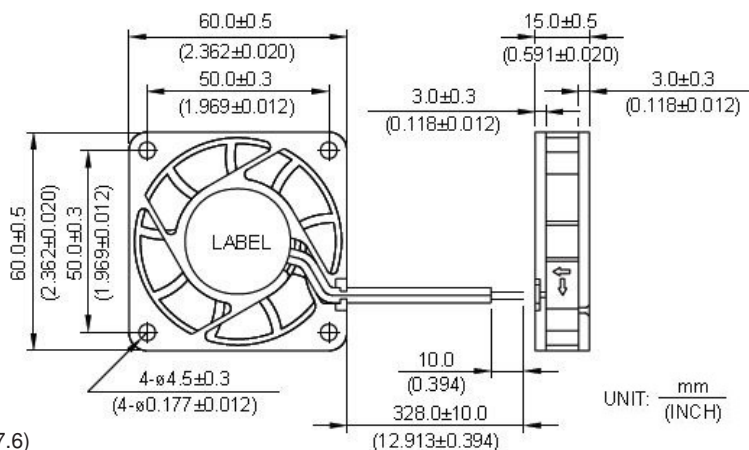
**DIELECTRIC STRENGTH:** 500 VAC for 1 min.

**INSULATION:** Class A

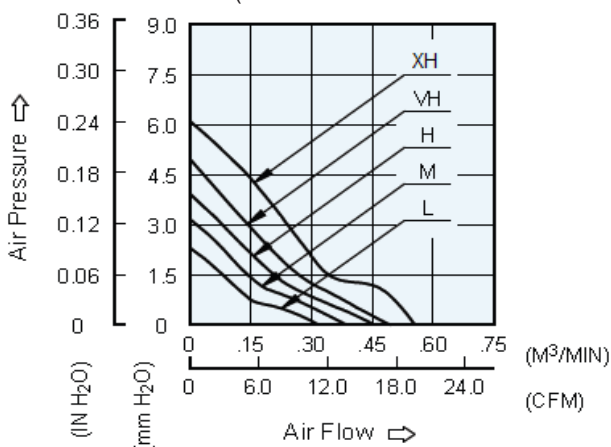
**SAFETY:** Impedance & Polarity Protected

**SAFETY APPROVALS:** UL, CSA & CE

**OPERATING VOLTAGE:** 12 VDC (7 to 13.8) 24 VDC (14 to 27.6)



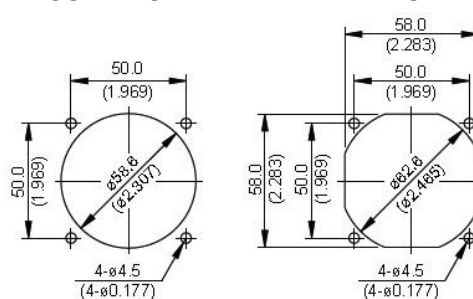
### PERFORMANCE CURVES: (Obtained with test chamber and methods in accordance with AMCA Std. 210-74)



### PANEL CUTOUTS

OUTLET SIDE

INLET SIDE



### SPECIFICATIONS: (All values are typical)

| PART NUMBER   | VOLTS | WATTS | AMPS | RPM  | NOISE<br>dB (A) @ 1M | CFM  |
|---------------|-------|-------|------|------|----------------------|------|
| USTF601512XHW | 12VDC | 1.92  | 0.16 | 5000 | 37.0                 | 19.4 |
| USTF601512VHW | 12VDC | 1.44  | 0.12 | 4500 | 35.0                 | 17.3 |
| USTF601512HW  | 12VDC | 1.20  | 0.10 | 4000 | 32.0                 | 15.4 |
| USTF601512MW  | 12VDC | 0.96  | 0.08 | 3500 | 29.0                 | 13.4 |
| USTF601512LW  | 12VDC | 0.84  | 0.07 | 3000 | 24.0                 | 11.5 |
| USTF601524XHW | 24VDC | 2.64  | 0.11 | 5000 | 37.0                 | 19.4 |
| USTF601524VHW | 24VDC | 2.40  | 0.10 | 4500 | 35.0                 | 17.3 |
| USTF601524HW  | 24VDC | 1.92  | 0.08 | 4000 | 32.0                 | 15.4 |
| USTF601524MW  | 24VDC | 1.44  | 0.06 | 3500 | 29.0                 | 13.4 |
| USTF601524LW  | 24VDC | 0.96  | 0.04 | 3000 | 24.0                 | 11.5 |

MODELS AVAILABLE ON REQUEST:

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