



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

## USTF6020 Series

## DC Brushless Fans

3651 Walnut Ave., Chino, CA 91710  
Web: USToyoFan.com Email: Service@USToyoFan.com Phone: (909) 627-8178

### USTF6020 Series

**Size:** 2.36 in sq. x 0.79 in. thk  
(60mm sq. x 20mm thk.)

**Airflow:** 14.4 - 18.4 CFM

**Acoustical Noise:** 26 - 31 dB (A)

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

**WEIGHT:** 2.1 oz. (62g)

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

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

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

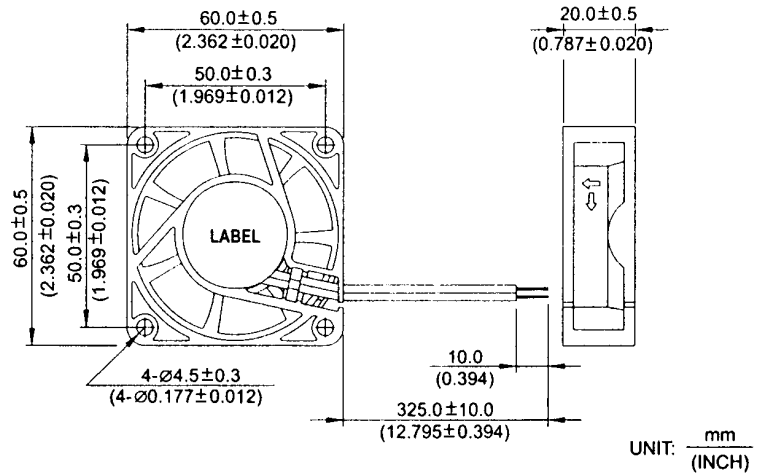
**DIELECTRIC STRENGTH:** 500 VAC for 1 min.

**INSULATION:** Class A

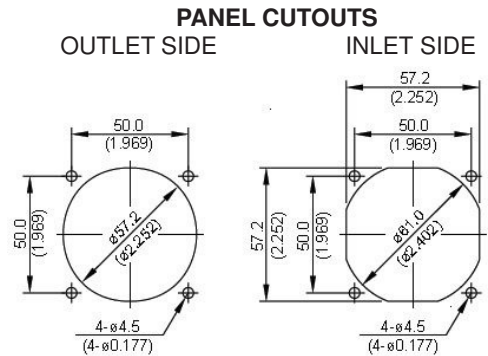
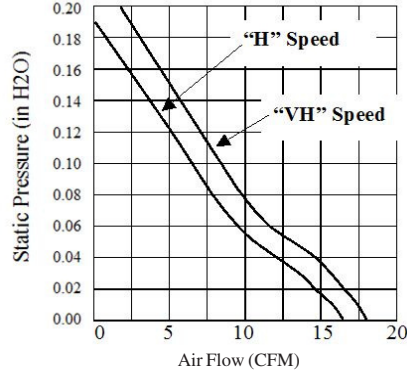
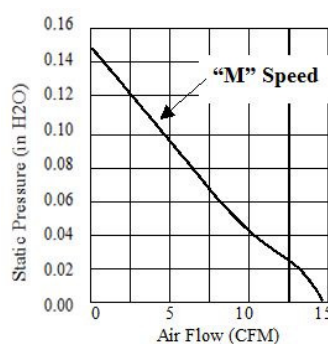
**SAFETY:** Impedance & Polarity Protected

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

**OPERATING VOLTAGE:** 5 VDC (4.5 to 5.5)  
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)



**SPECIFICATIONS:** (All values are typical)

\*Amps values shown are typical running. Fan labels show higher max values

| PART NUMBER   | VOLTS | WATTS | AMPS* | RPM  | NOISE<br>dB (A) @ 1M | CFM  |
|---------------|-------|-------|-------|------|----------------------|------|
| USTF602005MW  | 5VDC  | 0.95  | 0.19  | 3600 | 26.0                 | 14.8 |
| USTF602012VHW | 12VDC | 1.80  | 0.15  | 4400 | 31.0                 | 18.4 |
| USTF602012HW  | 12VDC | 1.32  | 0.11  | 4000 | 28.0                 | 16.6 |
| USTF602012MW  | 12VDC | 1.08  | 0.09  | 3600 | 26.0                 | 14.8 |
| USTF602024VHW | 24VDC | 1.68  | 0.07  | 4400 | 31.0                 | 18.4 |
| USTF602024HW  | 24VDC | 1.20  | 0.05  | 4300 | 28.0                 | 16.6 |
| USTF602024MW  | 24VDC | 0.96  | 0.04  | 3600 | 26.0                 | 14.8 |

MODELS AVAILABLE ON REQUEST:

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