



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

## USTF9225 Series

## DC Brushless Fans

3651 Walnut Ave., Chino, CA 91710

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### USTF9225 Series

**Size:** 3.62 in sq. x 1.0 in. thk  
(92mm sq. x 25mm thk.)

**Airflow:** 37.1 - 57.9 CFM

**Acoustical Noise:** 25 - 38 dB (A)

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

**WEIGHT:** 3.49 oz. (99g)

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

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

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

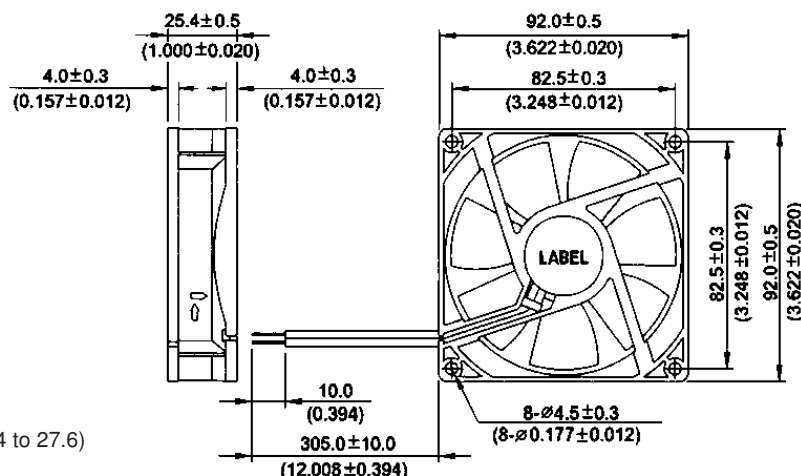
**DIELECTRIC STRENGTH:** 500 VAC for 1 min.

**INSULATION:** Class A

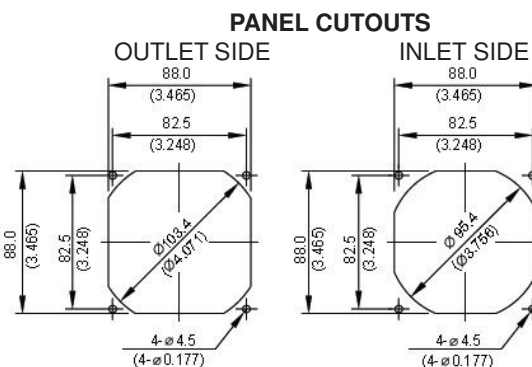
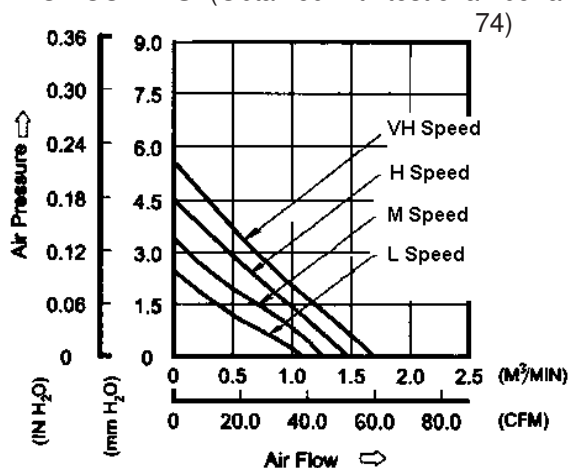
**SAFETY:** Impedance & Polarity Protected

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

**OPERATING VOLTAGE:** 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  |
|---------------|-------|-------|-------|------|----------------------|------|
| USTF922512VHW | 12VDC | 3.00  | 0.25  | 3200 | 38.0                 | 57.9 |
| USTF922512HW  | 12VDC | 1.92  | 0.16  | 2850 | 34.0                 | 51.2 |
| USTF922512MW  | 12VDC | 1.32  | 0.11  | 2450 | 30.0                 | 43.8 |
| USTF922512LW  | 12VDC | 0.84  | 0.07  | 2100 | 25.0                 | 37.1 |
| USTF922524VHW | 24VDC | 3.12  | 0.13  | 3200 | 38.0                 | 57.9 |
| USTF922524HW  | 24VDC | 2.40  | 0.10  | 2850 | 34.0                 | 51.2 |
| USTF922524MW  | 24VDC | 1.92  | 0.08  | 2450 | 30.0                 | 43.8 |
| USTF922524LW  | 24VDC | 1.44  | 0.06  | 2100 | 25.0                 | 37.1 |

MODELS AVAILABLE ON REQUEST:

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