



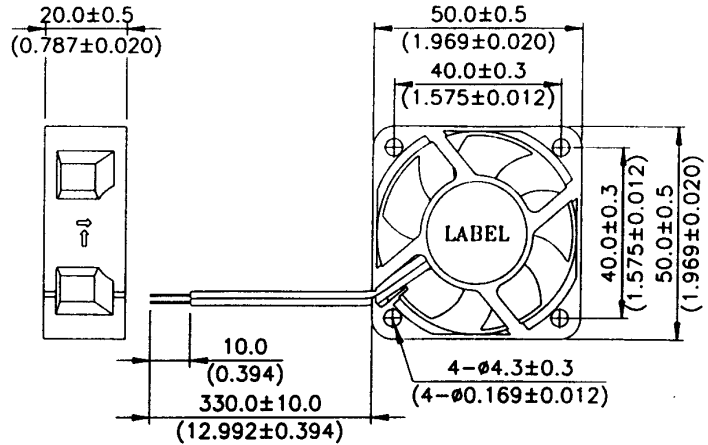
USTF5020 Series

Size: 1.97 in sq. x 0.79 in. thk
(50mm sq. x 20mm thk.)

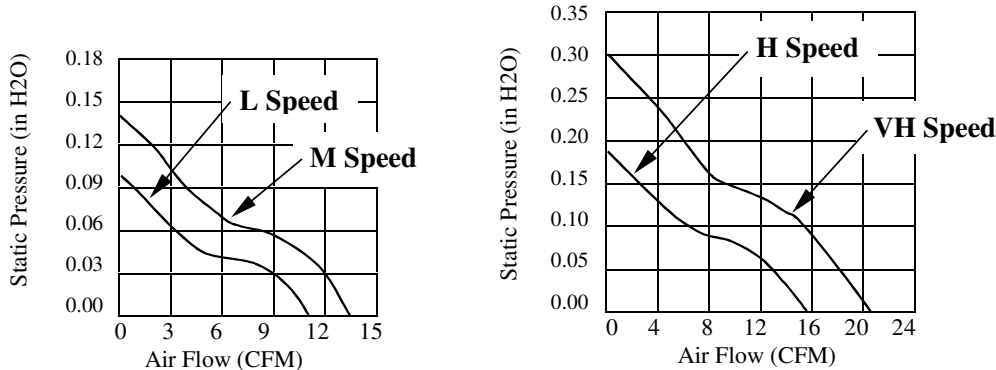
Airflow: 11.0 - 20.3 CFM

Acoustical Noise: 25.0 - 40.5 dB (A)

- MATERIAL:** Frame - Black PBT (UL 94V-0)
Bearings - Ball
Impeller - Black PBT (UL 94V-0)
- WEIGHT:** 1.34 oz. (38g)
- 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)
24VDC (14.0 to 27.6)



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 |
|---------------|-------|-------|------|------|-------------------|------|
| USTF502005HW | 5VDC | 1.65 | 0.33 | 5600 | 33.0 | 15.8 |
| USTF502005MW | 5VDC | 1.00 | 0.20 | 4800 | 28.0 | 13.4 |
| USTF502005LW | 5VDC | 0.70 | 0.14 | 4000 | 25.0 | 11.0 |
| USTF502012VHW | 12VDC | 1.92 | 0.16 | 7000 | 40.5 | 20.3 |
| USTF502012HW | 12VDC | 1.20 | 0.10 | 5600 | 33.0 | 15.8 |
| USTF502012MW | 12VDC | 0.84 | 0.07 | 4800 | 28.0 | 13.4 |
| USTF502012LW | 12VDC | 0.72 | 0.06 | 4000 | 25.0 | 11.0 |
| USTF502024VHW | 24VDC | 2.40 | 0.10 | 7000 | 40.5 | 20.3 |
| USTF502024HW | 24VDC | 1.68 | 0.07 | 5600 | 33.0 | 15.8 |
| USTF502024MW | 24VDC | 1.44 | 0.06 | 4800 | 28.0 | 13.4 |
| USTF502024LW | 24VDC | 1.20 | 0.05 | 4000 | 25.0 | 11.0 |

MODELS AVAILABLE ON REQUEST:

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