



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

## TAC12025 Series

## AC / Ball Bearing Fans

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### TAC12025 Series

**Size:** 4.69 in sq. x 1.0 in. thk  
(119mm sq. x 25.4mm thk.)

**Airflow:** 60 - 80 CFM

**Acoustical Noise:** 37 - 44 dB (A)

**MATERIAL:** Frame - Aluminum Alloy, Painted Black Finish  
Bearings - Sealed Ball  
Impeller - UL94V-0 Plastic

**WEIGHT:** 13.4 oz. (380g)

**TERMINATION:** Terminals standard (Lead Wires on request)

**OPERATION TEMPERATURE:** -20° to +80° C

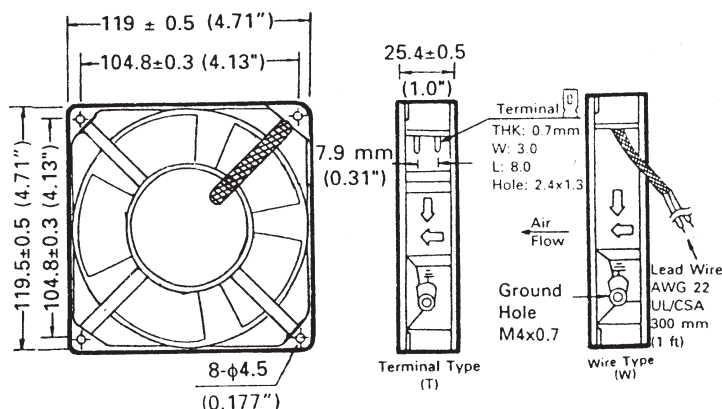
**INSULATION RESISTANCE:** 10 Megohms min @ 500 VDC

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

**INSULATION:** Class B

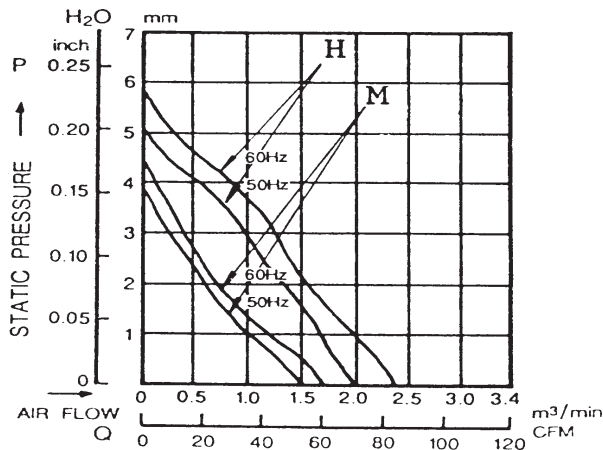
**SAFETY:** Impedance Protected

**SAFETY APPROVALS:** UL 106227 & CSA LR702499 (Applies to single voltage models only)  
CE (Applies to 230V models only)

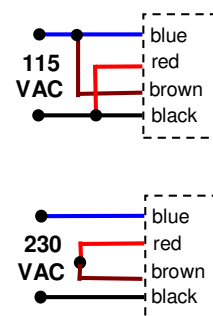


### PERFORMANCE CURVES:

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



### DUAL VOLTAGE MODEL WIRING SCHEMATIC



### SPECIFICATIONS: (Based on 60 Hz Frequency)

| PART NUMBER   | VOLTS   | WATTS | mAMPS   | RPM  | NOISE<br>dB (A) @ 1M | CFM |
|---------------|---------|-------|---------|------|----------------------|-----|
| TAC12025115HT | 115     | 16.0  | 180     | 2350 | 44                   | 80  |
| TAC12025115MT | 115     | 12.0  | 110     | 1900 | 37                   | 60  |
| TAC12025230HT | 230     | 16.0  | 110     | 2350 | 44                   | 80  |
| TAC12025230MT | 230     | 12.0  | 80      | 1900 | 37                   | 60  |
| TAC120345HW   | 115/230 | 16.0  | 180/110 | 2350 | 44                   | 80  |

**NOTE:** Standard models with Terminals. Lead Wires available on request.  
Dual voltage model with lead wires only.