



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

## TAC8038 Series

## AC / Ball Bearing Fans

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### TAC8038 Series

**Size:** 3.15 in sq. x 1.5 in. thk  
(80mm sq. x 38mm thk.)

**Airflow:** 30 - 16 CFM

**Acoustical Noise:** 23 - 35 dB (A)

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

**WEIGHT:** 13 oz. (370g)

**TERMINATION:** Lead wires

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

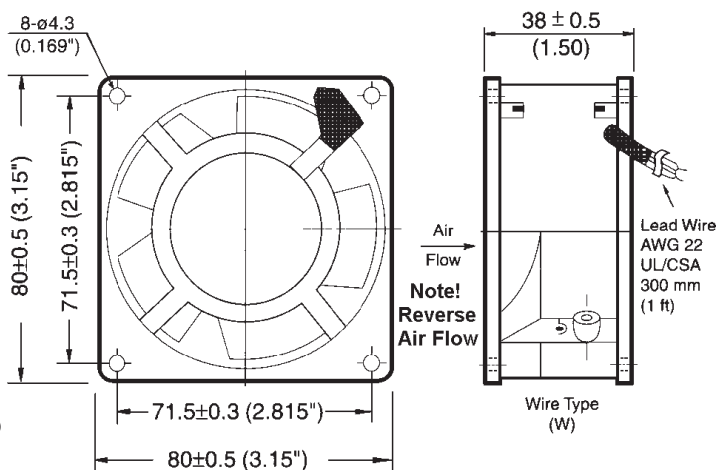
**INSULATION RESISTANCE:** 10 Megohms min @ 500 VDC

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

**INSULATION:** Class B

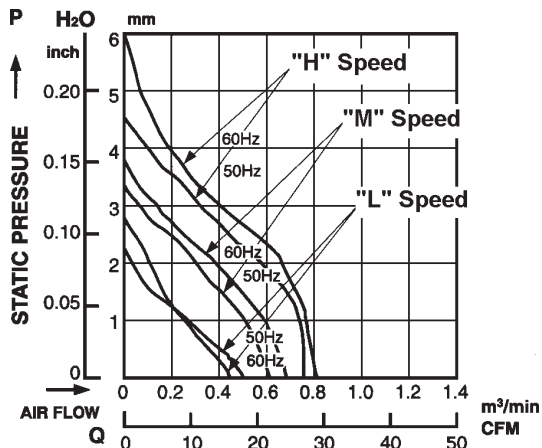
**SAFETY:** Impedance Protected

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

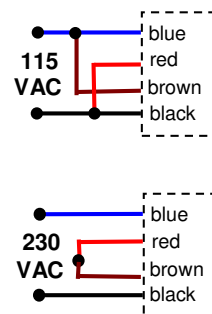


### PERFORMANCE CURVES:

(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 |
|--------------|-----------|-------|----------|------|----------------------|-----|
| TAC8038115HW | 115       | 12.0  | 120      | 2700 | 35                   | 30  |
| TAC8038115MW | 115       | 9.0   | 100      | 2300 | 27                   | 23  |
| TAC8038115LW | 115       | 5.0   | 60       | 1900 | 23                   | 16  |
| TAC8038230HW | 230       | 12.0  | 80       | 2700 | 35                   | 30  |
| TAC8038230MW | 230       | 9.0   | 60       | 2300 | 27                   | 23  |
| TAC8038230LW | 230       | 5.0   | 40       | 1900 | 23                   | 16  |
| TAC8038345HW | 115 / 230 | 12.0  | 120 / 80 | 2700 | 35                   | 30  |

**NOTE:** Standard models with wire leads (Terminals not available)