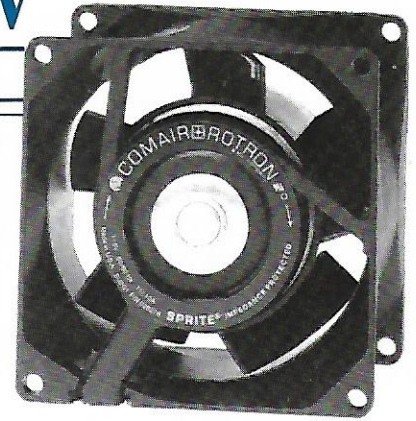


# SPRITE® AC REVERSE FLOW

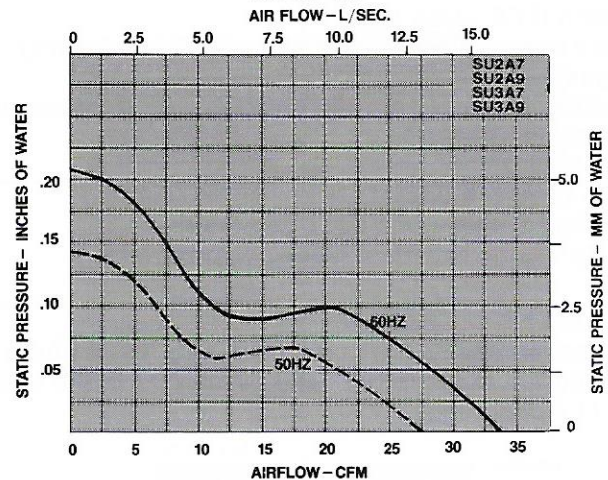
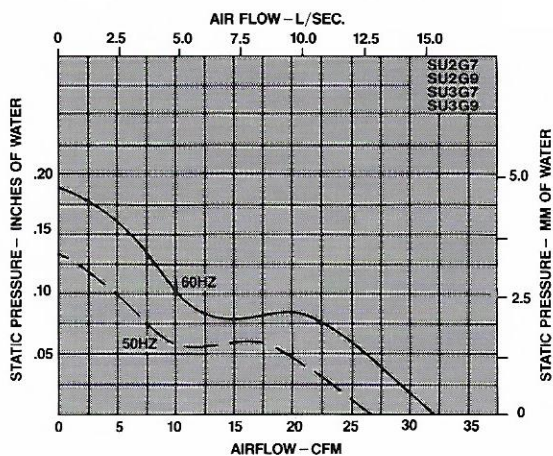
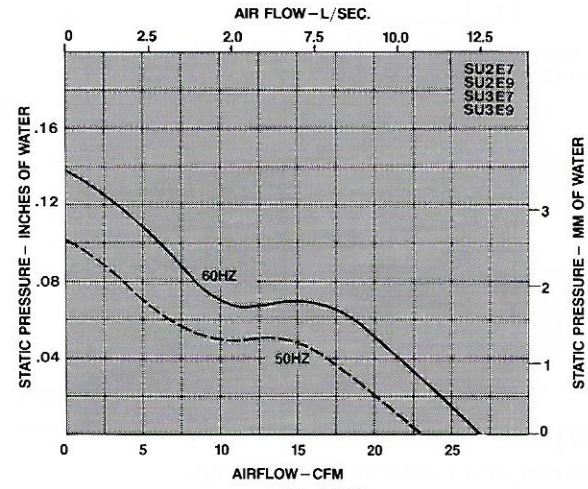
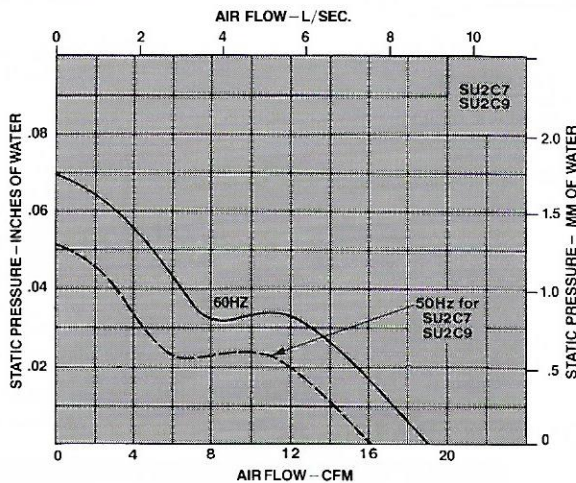
## TUBEAXIAL FAN

### FEATURES

- Size - 3.14" square x 1.645" deep (79.8 mm x 41.8 mm)
- 20 to 33 CFM (9.5 to 15.8 L/Sec.)
- 115 VAC or 220/230 VAC, 1 phase, 50/60 Hz
- Low noise level
- Operating temperature range: -28°C to +70°C
- Weight - 18 oz. (.51 Kg)
- UL Yellow Card Recognized - File No. E31293 - all models
- CSA Certified - File No. LR52898 - all models
- VDE Marks License No. - 1126 - all models



### PERFORMANCE



### SPECIFICATIONS

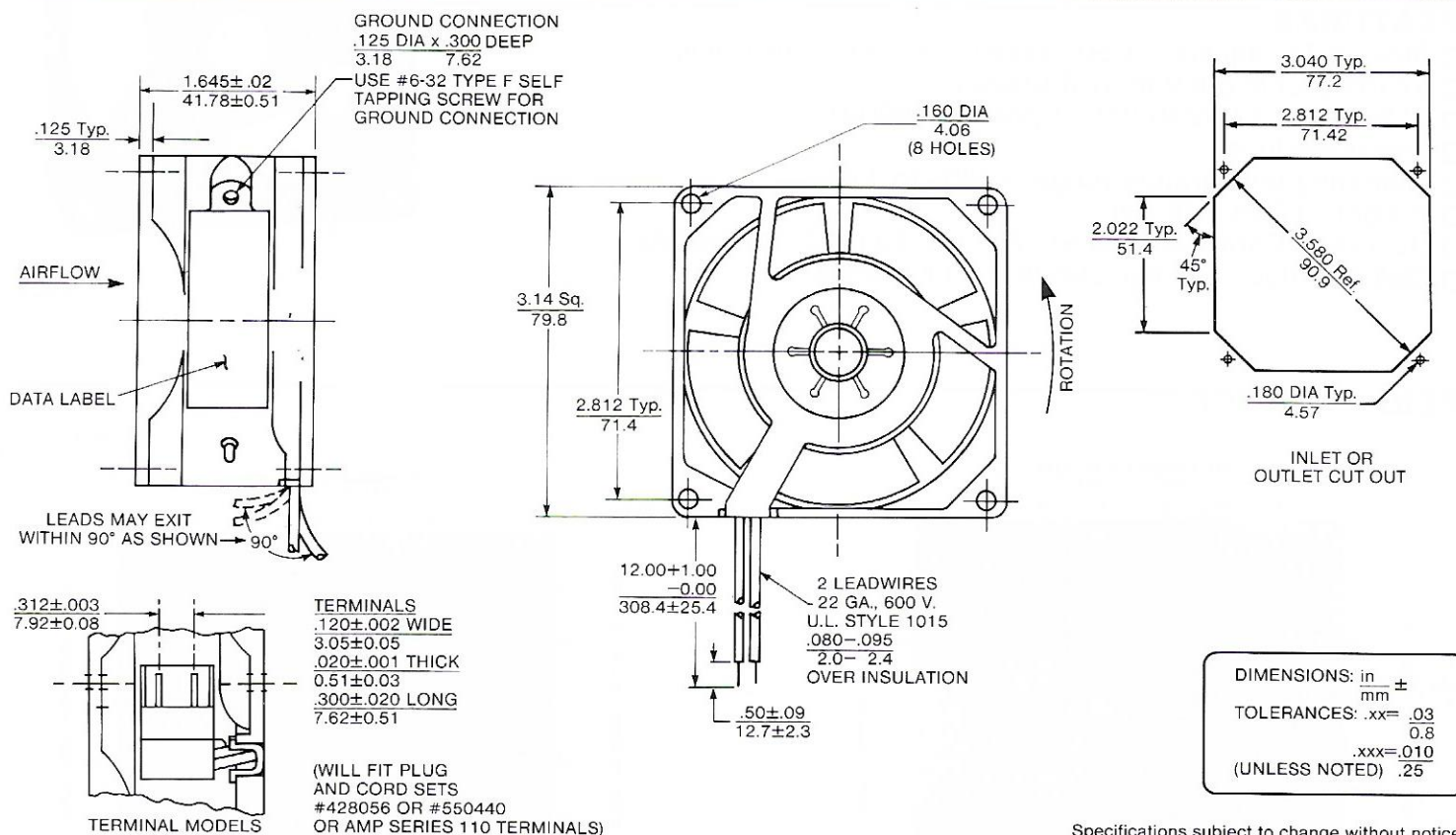
#### LEADWIRES

#### TERMINALS

| Model No. | Part No. | Model No. | Part No. | Bearing | Volts   | Hz    | Watts | Line Amps | Locked Rotor Amps | RPM       | CFM   | L/Sec.    |
|-----------|----------|-----------|----------|---------|---------|-------|-------|-----------|-------------------|-----------|-------|-----------|
| *SU2C7    | 030270   | SU2C9     | 030395   | Sleeve  | 115     | 50/60 | 7/6   | .07/.06   | .08/.07           | 1700/1950 | 15/18 | 7.1/8.5   |
| SU2E7     | 030271   | SU2E9     | 030482   | Sleeve  | 115     | 50/60 | 7/6   | .08/.07   | .09/.08           | 2370/2750 | 23/27 | 10.7/12.6 |
| SU3E7     | 030273   | SU3E9     | 030396   | Sleeve  | 220/230 | 50/60 | 11/10 | .07/.06   | .08/.07           | 2370/2750 | 23/27 | 10.7/12.6 |
| SU2G7     | 030384   | SU2G9     | 030433   | Sleeve  | 115     | 50/60 | 10/9  | .11/.10   | .14/.12           | 2700/3150 | 26/32 | 12.2/15.1 |
| SU3G7     | 030385   | SU3G9     | 030485   | Sleeve  | 220/230 | 50/60 | 10/9  | .07/.06   | .08/.07           | 2700/3150 | 26/32 | 12.2/15.1 |
| *SU2A7    | 030272   | SU2A9     | 030458   | Sleeve  | 115     | 50/60 | 13/11 | .19/.15   | .23/.21           | 2780/3350 | 27/33 | 13.0/15.8 |
| *SU3A7    | 030274   | SU3A9     | 030481   | Sleeve  | 220/230 | 50/60 | 14/13 | .09/.08   | .11/.10           | 2780/3350 | 27/33 | 13.0/15.8 |

\*Distributor Item.

All figures are nominal free delivery value at sea level.  
Contact factory for ball bearing availability.



Specifications subject to change without notice.

## MOTOR

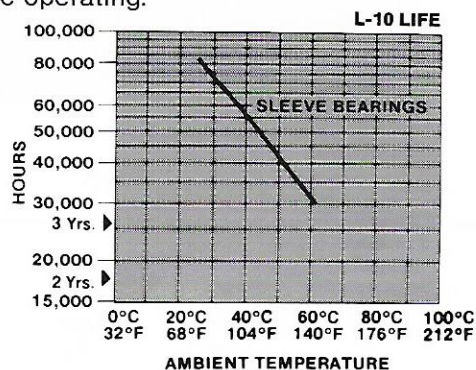
Two-pole shaded pole induction motor.  
Insulation IEEE class 130.  
Sintered bronze sleeve bearings.  
Impedance protected.  
100% dielectric tested at 1800 VAC/1 sec./500 microamps maximum leakage.

## CONSTRUCTION

Venturi and Spider - zinc alloy, painted black  
Propeller - flame retardant black polypropylene.

## LIFE EXPECTANCY

The curve represents the continuous duty life of Sprite fans at a given temperature, after which 90% of the units will still be operating.



EXAMPLE: When run in 40°C ambient, 90% of sleeve bearing units will still be running after 55,000 hours continuous duty.

## ACOUSTIC RATINGS

| Models                           | HZ | AIR FLOW |       | STATIC PRESSURE |                     | PER INCE<br>ANSI S12.11-1987 |                 |                  | FREELY<br>SUSPENDED<br>@ 1 METER |
|----------------------------------|----|----------|-------|-----------------|---------------------|------------------------------|-----------------|------------------|----------------------------------|
|                                  |    | CFM      | L/Sec | "w.g.           | mm H <sub>2</sub> O | PSIL<br>dB                   | SPL<br>dBA @ 3' | NEPL<br>Bels 'A' |                                  |
| SU2C7<br>SU2C7                   | 50 | 15       | 7.1   | 0               | 0                   | 21.2                         | 29.3            | 3.93             | 25.6                             |
|                                  |    | 12       | 5.7   | 0.02            | 0.51                | 19.8                         | 28.6            | 3.82             |                                  |
|                                  |    | 18       | 8.5   | 0               | 0                   | 24.0                         | 34.2            | 4.42             | 26.5                             |
| SU2E7<br>SU2E9<br>SU3E7<br>SU3E9 | 50 | 15       | 7.1   | 0.019           | 0.48                | 23.3                         | 35.0            | 4.50             |                                  |
|                                  |    | 23       | 10.9  | 0               | 0                   | 23.7                         | 35.2            | 4.52             | 28.3                             |
|                                  |    | 14.5     | 6.8   | 0.03            | 0.76                | 23.5                         | 32.1            | 4.21             |                                  |
| SU2G7<br>SU2G9<br>SU3G7<br>SU3G9 | 50 | 27       | 12.7  | 0               | 0                   | 28.3                         | 37.0            | 4.70             | 30.8                             |
|                                  |    | 19       | 9.0   | 0.047           | 1.19                | 29.4                         | 38.1            | 4.81             |                                  |
|                                  |    | 26       | 12.3  | 0               | 0                   | 29.5                         | 37.4            | 4.74             | 30.8                             |
| SU2A7<br>SU2A9<br>SU3A7<br>SU3A9 | 50 | 16.2     | 7.6   | 0.056           | 1.42                | 30.7                         | 37.0            | 4.70             |                                  |
|                                  |    | 32       | 15.1  | 0               | 0                   | 33.6                         | 42.7            | 5.27             | 36.0                             |
|                                  |    | 22.4     | 10.6  | 0.069           | 1.75                | 33.6                         | 41.9            | 5.19             |                                  |
| SU2A7<br>SU2A9<br>SU3A7<br>SU3A9 | 50 | 27       | 12.7  | 0               | 0                   | 30.3                         | 38.1            | 4.81             | 33.4                             |
|                                  |    | 21.8     | 10.3  | 0.034           | 0.86                | 29.7                         | 38.5            | 4.85             |                                  |
|                                  |    | 33       | 15.6  | 0               | 0                   | 33.7                         | 40.9            | 5.09             | 37.6                             |
| SU2A7<br>SU2A9<br>SU3A7<br>SU3A9 | 60 | 26.2     | 12.4  | 0.052           | 1.32                | 33.6                         | 43.1            | 5.31             |                                  |

## OPTIONS

Capable of furnishing:  
Harness assemblies  
Ball bearing versions