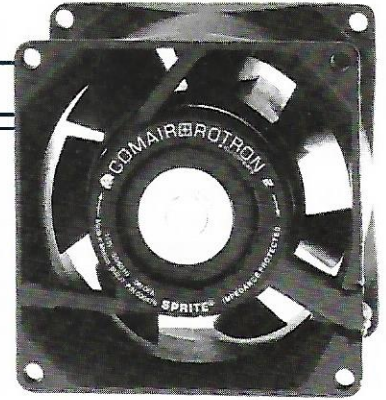


# SPRITE® AC

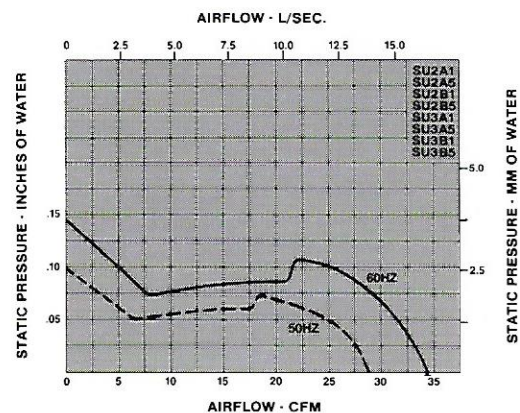
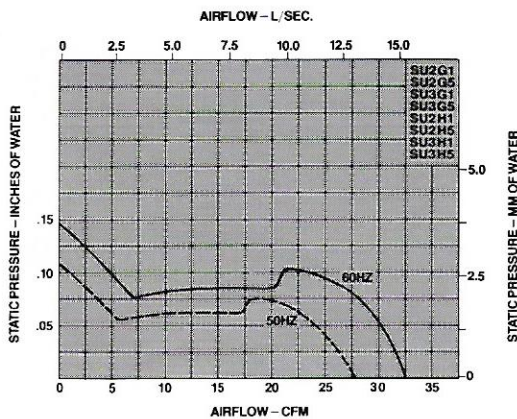
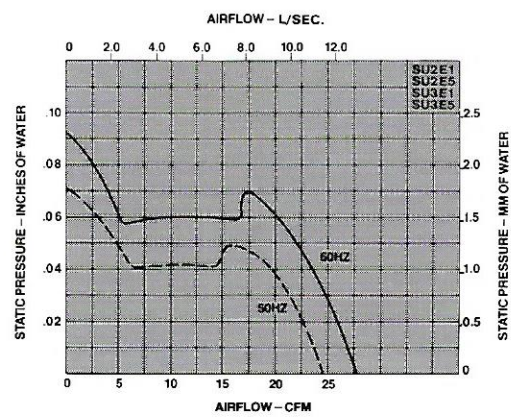
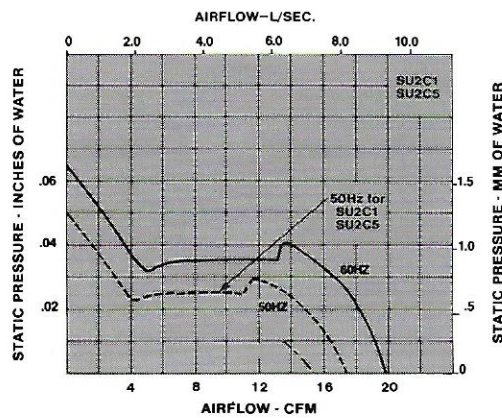
## TUBEAXIAL FAN

### FEATURES

- Size - 3.14" square x 1.645" deep (79.8 mm x 41.8 mm)
- 20 to 34 CFM (9.5 to 16.0 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

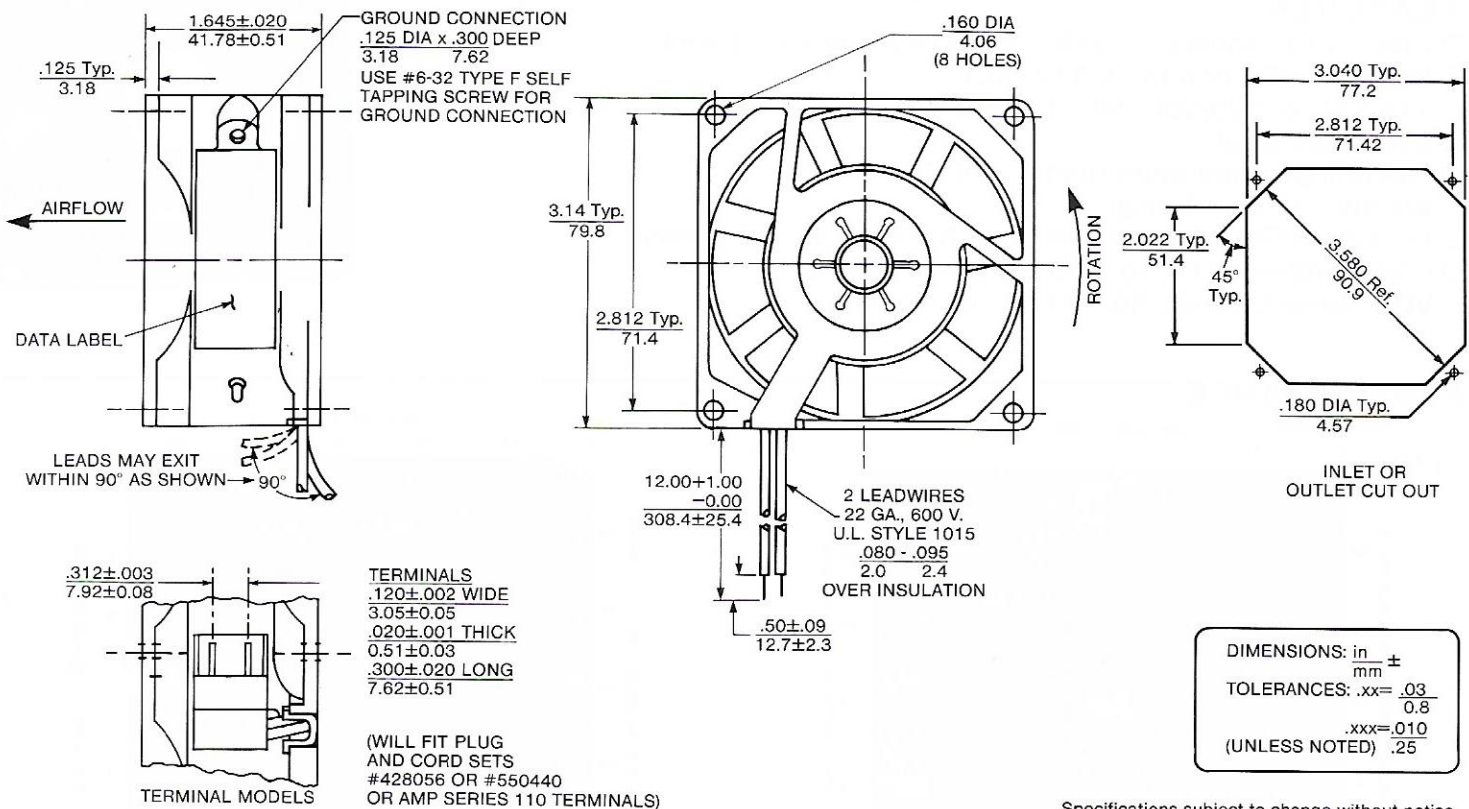


### SPECIFICATIONS

LEADWIRES		TERMINALS		Bearing	Volts	Hz	Watts	Line Amps	Locked Rotor Amps	RPM	CFM	L/Sec.
Model No.	Part No.	Model No.	Part No.									
*SU2C1	028270	*SU2C5	028281	Sleeve	115	50/60	7/6	.07/.06	.08/.07	1750/1900	17/20	8.0/9.5
*SU2E1	028275	*SU2E5	028282	Sleeve	115	50/60	7/6	.08/.07	.09/.08	2200/2600	23/27	10.7/12.7
SU3E1	028276	SU3E5	028283	Sleeve	220/230	50/60	11/10	.07/.06	.08/.07	2200/2600	23/27	10.7/12.7
SU2G1	028278	SU2G5	028406	Sleeve	115	50/60	10/9	.11/.10	.14/.13	2700/3150	27/32	12.7/15.1
SU2H1	028379	SU2H5	030426	Ball	115	50/60	10/9	.11/.10	.14/.13	2700/3150	27/32	12.7/15.1
SU3G1	028872	SU3G5	028424	Sleeve	220/230	50/60	10/9	.07/.06	.08/.08	2700/3150	27/32	12.7/15.1
SU3H1	030425	SU3H5	030427	Ball	220/230	50/60	10/9	.07/.06	.08/.08	2700/3150	27/32	12.7/15.1
*SU2A1	028267	*SU2A5	028279	Sleeve	115	50/60	13/11	.19/.15	.23/.21	2750/3250	28/34	13.2/16.0
*SU2B1	028268	*SU2B5	028410	Ball	115	50/60	13/11	.19/.15	.23/.21	2750/3250	28/34	13.2/16.0
*SU3A1	028269	*SU3A5	028280	Sleeve	220/230	50/60	14/13	.09/.08	.11/.10	2750/3250	28/34	13.2/16.0
*SU3B1	028331	*SU3B5	028460	Ball	220/230	50/60	14/13	.09/.08	.11/.10	2750/3250	28/34	13.2/16.0

\* Distributor Item.

All figures are nominal free delivery values at sea level.



Specifications subject to change without notice.

## MOTOR

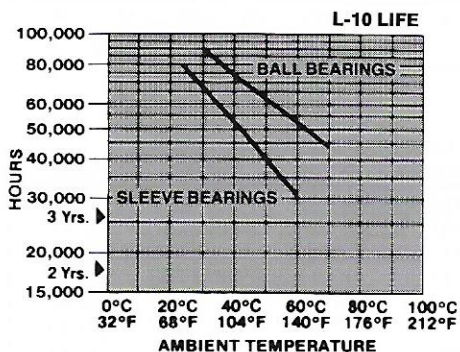
Two-pole shaded pole induction motor.  
 Insulation IEEE Class 130.  
 Sintered bronze sleeve or stainless steel ball bearings.  
 Impedance protected.  
 100% dielectric tested at 1800 VAC/1 sec./500 microamps maximum leakage.

## 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 ANSI S12.11-1987			FREELY SUSPENDED @ 1 METER
		CFM	L/Sec	w.g.	mm H <sub>2</sub> O	PSIL dB	SPL dBA @ 3'	NEPL Bels 'A'	dBA
SU2C1 SU2C5	50	17	8.0	0	0	20.7	30.8	4.08	25.9
		15.5	7.3	0.02	0.51	21.5	28.5	3.85	
	60	20	9.4	0	0	23.0	32.3	4.28	26.2
		15.5	7.3	0.03	0.78	21.3	29.6	3.96	
SU2E1 SU2E5	50	23	10.9	0	0	25.4	35.1	4.51	28.3
		20.9	9.9	0.025	0.64	23.9	31.9	4.19	
SU3E1 SU3E5	60	27	12.7	0	0	28.6	36.8	4.68	30.8
		23	10.9	0.036	0.91	26.7	33.8	4.38	
SU2G1 SU2G5	50	27	12.7	0	0	31.2	38.4	4.84	33.7
		24.8	11.7	0.04	1.02	29.0	36.1	4.61	
SU3G1 SU3G5	60	32	15.1	0	0	38.7	45.2	5.52	38.6
		30	14.2	0.05	1.27	36.0	42.3	5.23	
SU2H1 SU2H5	50	27	12.7	0	0	32.5	38.6	4.86	34.2
		26	12.3	0.045	1.14	30.3	37.0	4.70	
SU3H1 SU3H5	60	32	15.1	0	0	39.2	44.9	5.49	40.1
		30.2	14.3	0.06	1.52	36.8	42.6	5.26	
SU2A1 SU2A5	50	28	13.2	0	0	33.0	39.9	4.99	35.5
		21.9	10.3	0.059	1.50	30.8	37.6	4.76	
SU3A1 SU3A5	60	34	16.0	0	0	39.6	45.5	5.55	39.5
		26.1	12.3	0.085	2.16	36.2	42.5	5.25	
SU2B1 SU2B5	50	28	13.2	0	0	33.2	39.9	4.99	35.5
		23.6	11.1	0.05	1.27	30.3	36.9	4.69	
SU3B1 SU3B5	60	34	16.0	0	0	40.8	46.5	5.65	41.0
		29.2	13.8	0.072	1.83	37.3	43.1	5.31	

## OPTIONS

Capable of furnishing harness assemblies.