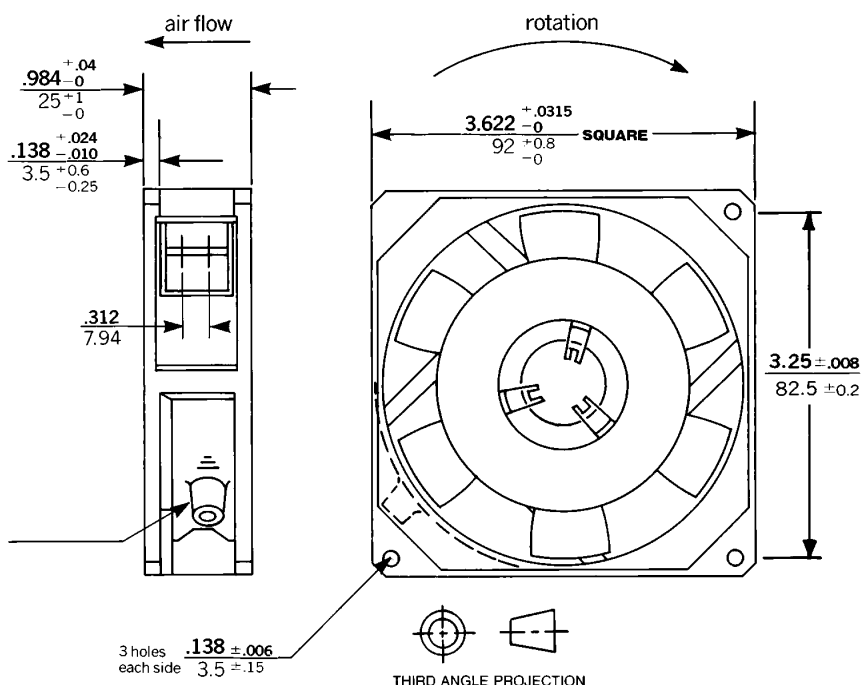


AC FANS

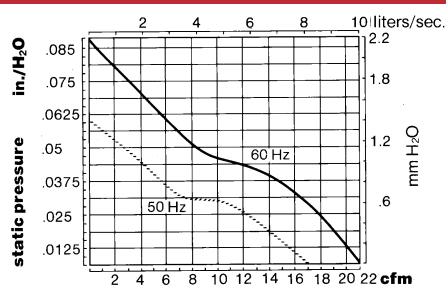
Model 99

Size: 92 mm x 25 mm (3.6" x 1")

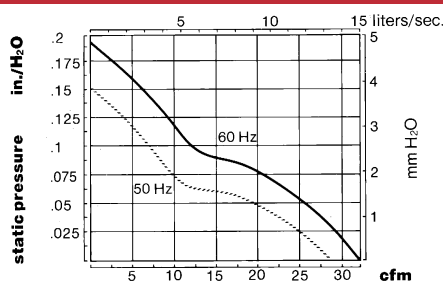


Part Number	Bearings	Voltage(VAC)	Frequency(Hz)	Current(mA)	Input(watts)	Noise(dBA)	Speed(rpm)	Airflow(cfm)
99XU-2182-000	Sleeve	115	50/60	135/105	12/9	38/42	2700/3200	32/40
99XU-0182-000	Ball							
99XU-2181-000	Sleeve	220	50/60	70/60	14/11	38/42	2700/3200	32/40
99XU-0181-000	Ball							
99XW-2182-000	Sleeve	115	50/60	85/70	8/6	32/35	2200/2500	26/30
99XW-0182-000	Ball							
99XW-2181-000	Sleeve	220	50/60	50/40	9/7	32/35	2200/2500	26/30
99XW-0181-000	Ball							
99XM-2182-000	Sleeve	115	50/60	75/65	7/6	21/25	1500/1800	17/21
99XM-0182-000	Ball							
99XM-2181-000	Sleeve	220	50/60	40/35	8/7	21/25	1500/1800	17/21
99XM-0181-000	Ball							

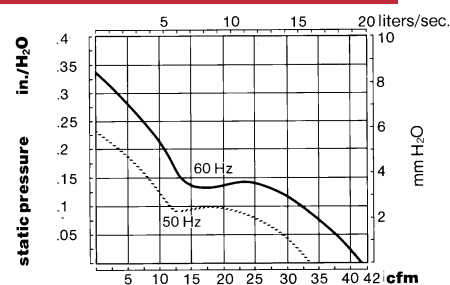
99XM Performance Curve



99XW Performance Curve



99XU Performance Curve



ETRI Model 99 AC FANS

Size: 92 mm x 25 mm (3.6" x 1")



ELECTRICAL SPECIFICATIONS

Item	Specification	Conditions/Tolerances
Motor type	shaded pole	2 pole type
Rated Voltage	115 VAC or 220 VAC	±10%
Frequency	50/60 Hz.	Able to operate at either frequency
Input Current	At nominal voltage	±10%
Input Power	At nominal voltage	±10%
Max air flow / Back pressure	All tested in submerged orifice chamber	±4% cfm/±8% pressure
Dielectric strength	2250 VAC	5 sec, 4mA leakage
Electrical Connection	"110" Faston terminals	
Speed	At nominal voltage	±4%

MECHANICAL SPECIFICATIONS

Item	Specification	Conditions
Life expectancy	50,000 hours	continuous operation @ 25°C, 65% relative humidity
Bearing	ball bearing/sleeve bearing	Use under 70°C/Use under 55°C
Airflow direction	air intake over impeller	
Housing material	Zamak (zinc alloy)	single piece die-cast housing
Impeller	Lexan 500-10% glass filled	UL 94V-0
Weight	0.395 kg. (13.9 oz)	
Rotation	clock-wise viewed from impeller	

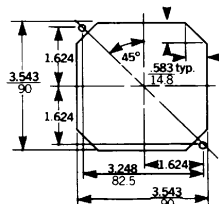
ENVIRONMENTAL SPECIFICATIONS

Item	Specification	Conditions
Operating temperature	-10 to +70°C/-10 to +55°C	Ball bearing/Sleeve bearing
Storage temperature	-40 to +70°C	6 months max.
Paint	Black enamel	
Acoustical	Anechoic chamber at free air	Microphone - 1 meter away

PROTECTION

Item	Specification	Conditions
Locked rotor	impedance protected	
Insulation class	UL class A	
Agency approvals	UL, CSA, VDE, CE	
Warranty	3 years	

PANEL CUT-OUT



ACCESSORIES

ETRI fans are available with a wide range of accessories, from finger guards to filter assemblies to special termination. Request our accessories brochure or call your nearest distributor for complete details.



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