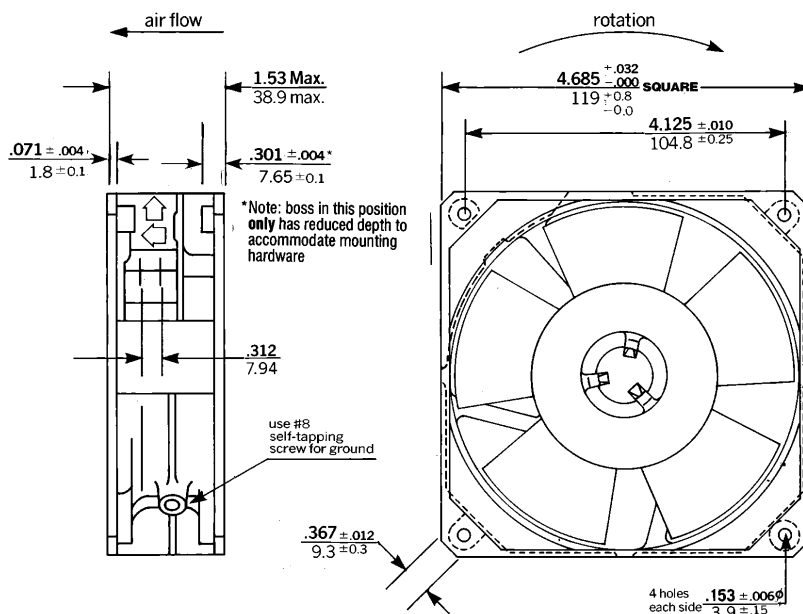


# AC FANS

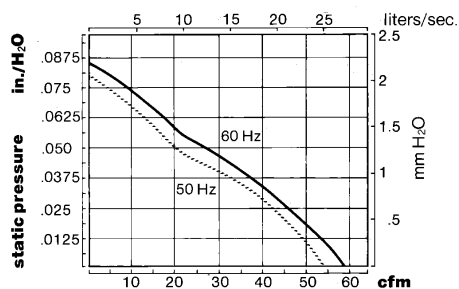
## Model 125

Size: 120 mm x 38 mm (4.69" x 1.5")

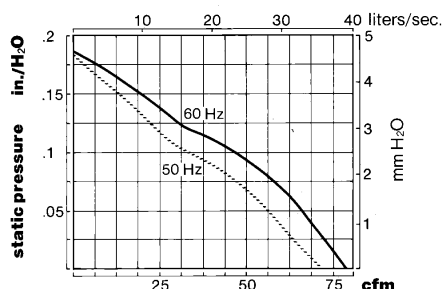


| Part Number    | Bearings | Voltage(VAC) | Frequency(Hz) | Current(mA) | Input(watts) | Noise(dBA) | Speed(rpm) | Airflow(cfm) |
|----------------|----------|--------------|---------------|-------------|--------------|------------|------------|--------------|
| 125XR-2282-090 | Sleeve   | 115          | 50/60         | 200/180     | 16/15        | 44/48      | 2800/3200  | 94/113       |
| 125XR-0282-090 | Ball     |              |               |             |              |            |            |              |
| 125XR-2281-090 | Sleeve   | 220          | 50/60         | 125/105     | 18/15        | 44/48      | 2800/3200  | 94/113       |
| 125XR-0281-090 | Ball     |              |               |             |              |            |            |              |
| 125LG-2282-010 | Sleeve   | 115          | 50/60         | 200/160     | 16/13        | 38/40      | 2200/2500  | 74/85        |
| 125LG-0282-010 | Ball     |              |               |             |              |            |            |              |
| 125LG-2281-090 | Sleeve   | 220          | 50/60         | 110/90      | 18/15        | 38/40      | 2200/2500  | 74/85        |
| 125LG-0281-010 | Ball     |              |               |             |              |            |            |              |
| 125XL-2282-030 | Sleeve   | 115          | 50/60         | 135/115     | 12/10        | 30/32      | 1600/1750  | 53/57        |
| 125XL-0282-010 | Ball     |              |               |             |              |            |            |              |
| 125XL-2281-030 | Sleeve   | 220          | 50/60         | 75/65       | 12/10        | 30/32      | 1600/1750  | 53/57        |
| 125XL-0281-010 | Ball     |              |               |             |              |            |            |              |

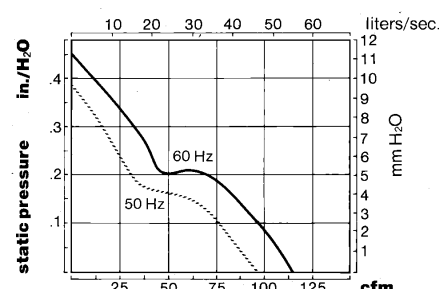
**125XL Performance Curve**



**125LG Performance Curve**



**125XR Performance Curve**



# ETRI Model 125 AC FANS

Size: 120 mm x 38 mm (4.69" x 1.5")



## 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            | 0.725 kg. (25.5 oz)             |                                                    |
| Rotation          | clock-wise viewed from impeller |                                                    |

## ENVIRONMENTAL SPECIFICATIONS

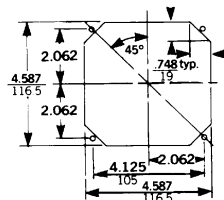
| Item                  | Specification                | Conditions                  |
|-----------------------|------------------------------|-----------------------------|
| Operating temperature | -10 to +70°C/-10 to +55°C    | Ball bearing/Sleeve bearing |
| Storage temperature   | -40 to +70°C                 | 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             |            |

\*VDE approval available on some models. Consult factory.

## 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.



1503, Rocky River Road North  
Monroe, NC 28110 USA  
Tel: 704.289.5423  
Fax: 704.283.7170

9-11, rue de Moulin des Bruyères  
92400 Courbevoie FRANCE  
Tel: (33-1) 49 04 92 00  
Fax: (33-1) 47 89 09 38

Website: <http://www.etrinet.com> Email: [sales@etrinet.com](mailto:sales@etrinet.com)