

# Shaded Pole Motor for Refrigeration

This shaded pole motor is designed for use in refrigerators and freezers. It features a metallic housing, mounting studs, and a central shaft for driving cooling fans or other components.



## Product Overview

### High-Efficiency Shaded Pole Motor

The YZF series shaded pole motor is a high-performance solution designed specifically for refrigeration equipment, including radiators and evaporators. These motors offer reliable operation with an average service life exceeding 20,000 hours and are constructed to meet international environmental standards. With versatile power outputs and robust protection features, they ensure optimal cooling efficiency in varied industrial and commercial applications.

## Technical Specifications

### Output Power Range

**2 W**

Minimum Power

**34 W**

Maximum Power

### Electrical Characteristics

Parameter	Value
Phases	Single phase
Poles	4 shaded poles
Voltage	220-240V (50/60Hz) or 110-120V (60Hz)

## Safety & Compliance

Certifications	CE, VDE, UL, CCC, RoHS
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## Operating Conditions

### Thermal Protection Settings

- 125°C ±5°C
- 135°C ±5°C
- 150°C ±5°C

Ambient Temperature Range	-30°C to 50°C
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## Mechanical Construction

**Protection Class**

IP42 • IP44 available on request

**Bearing Type**

Sleeve bearing (Ball bearing optional)

**Insulation Class**

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