

Shaded Pole Motor for Refrigeration

This shaded pole motor is designed for refrigerators and refrigeration equipment. It features a finned housing for efficient heat dissipation and a plastic pulley for driving cooling fans.



Overview

High-Efficiency Refrigeration Motor

The YZF series shaded pole motors are engineered for optimal performance in refrigeration applications such as radiators and evaporators. These motors offer reliable operation with output power ranging from 2W to 34W and are built to comply with international RoHS standards. With an average service life exceeding 20,000 hours, they represent a durable solution for demanding cooling environments.

Technical Specifications

Output Power

2 W

Minimum Power

34 W

Maximum Power

Safety Standards

Feature	Specification
Insulation Class	B
Protection Class	IP42 (IP44 on request)
Thermal Protection	Impedance (<10W) / Thermal (e10W)

Voltage & Frequency

- 220V-240V, 50/60Hz
- 110V-120V, 60Hz

Operational Conditions

Operating Environment

-30 °C

Min Ambient Temp

50 °C

Max Ambient Temp

20000 Hours

Service Life

Compliance

Certifications

CE, VDE, UL, CCC, RoHS