

# Hermetic Refrigeration Compressor

This hermetically sealed refrigeration compressor is designed for cooling applications. It operates on 220-240V at 50Hz, with a power consumption of 123W.



## Product Overview

### High-Efficiency Hermetic Compressor

The QD103Y is a high-performance hermetic refrigeration compressor designed for reliable operation in Low Back Pressure (LBP) cooling systems. Engineered for precision and longevity, it utilizes R134a refrigerant to deliver consistent performance with a capacity of 166 watts. Its compact design and RSIR motor type make it an ideal choice for commercial and residential refrigeration equipment requiring efficient thermal management.

## Technical Specifications

### Performance Metrics

**166 W**

Capacity

**1.35 W/W**

C.O.P

**10.3 cm<sup>3</sup>**

Displacement

### Electrical Characteristics

Parameter	Value
Power Supply	220-240V ~50Hz
Motor Input	123 W
Rated Current	0.97 A
Motor Type	RSIR

## Operating Conditions

### System Parameters

- Refrigerant: R134a
- Application: LBP (Low Back Pressure)
- Oil Charge: 310 cm<sup>3</sup>
- Cooling Method: S (Static Cooling)