

# Hermetic Refrigeration Compressor QD103Y

This refrigeration compressor is designed for cooling applications and uses R134a refrigerant. It has a capacity of 166W and a motor input of 123W.



## Product Overview

### High-Efficiency Hermetic Compressor

The QD103Y is a high-performance hermetic refrigeration compressor designed specifically for LBP (Low Back Pressure) cooling applications. It utilizes R134a refrigerant to provide reliable cooling capacity while maintaining an energy-efficient profile. This unit is built for demanding environments, featuring robust thermal overload protection to ensure safety and consistent performance over its service life.

## Performance Metrics

### Performance Highlights

<b>166 W</b> Cooling Capacity	<b>1.35 W/W</b> C.O.P	<b>123 W</b> Motor Input
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## Technical Specifications

### Electrical Requirements

- Voltage: 220-240V
- Frequency: 50Hz
- Rated Current: 0.97A
- Motor Type: RSIR

### Physical and System Specs

Parameter	Value
Displacement	10.3 cm <sup>3</sup>
Oil Charge	310 cm <sup>3</sup>
Application	LBP
Cooling Type	S

## Certifications and Features

### Key Features

Hermetic Seal, Thermal Overload Protection, R134a Compatible