

Hermetic Scroll Compressor for Refrigeration Systems

This hermetic compressor uses a scroll mechanism to compress refrigerant from the low side to the high side of a refrigeration system. It is designed for efficient and reliable operation in various refrigeration applications.



ADDITIONAL IMAGES



Product Overview

Hermetic Scroll Compressor

This high-efficiency scroll compressor is engineered for robust performance in commercial and industrial refrigeration systems. Suitable for medium to high-temperature applications, it provides consistent cooling for sectors including aquatic products and small-scale cold storage. Designed for reliability, this unit is compatible with various refrigerants and flexible enough for air-cooled or water-cooled setups.

Technical Specifications

Key Performance Metrics

19.3 m3/h

Displacement

13.3 A

Max Operating Current

60 A

Locked Rotor Current

Electrical Requirements

380-420V, 3-Phase, 50Hz

Supported Refrigerants

R-407C, R-404A, R-134a

Model Selection

Model Specifications

Model	Horsepower	Weight
ZB88KQ-TFD-551	12HP	65
ZB92KCE-TWD-551	13HP	103
ZB95KQ-TFD-551	13.5HP	103
ZB114KQ-TFD-551	16HP	112
ZB11MC-TWD-551	15HP	112
ZB11MCE-TWD-551	15HP	112

System Integration

Suitable Applications

- Medium temperature refrigeration
- High temperature refrigeration
- Aquatic products industry
- Small-scale cold storage
- Central air-conditioning systems