

5-15HP Commercial Refrigeration Compressor

This commercial refrigeration compressor is energy efficient and reliable. It is designed for air-conditioning and commercial refrigeration applications including foodservice to walk-in coolers.



ADDITIONAL IMAGES



Overview

Commercial Refrigeration Compressor

This high-performance commercial refrigeration compressor is engineered for 5-15HP applications, providing reliable cooling for medium-temperature systems. Designed for demanding environments, it is suitable for walk-in coolers, freezers, food processing facilities, and supermarket refrigeration. The unit offers robust construction, efficient cooling capacity, and long-term durability for industrial use.

Technical Specifications

Available Models & Ratings

Model	Horsepower	Weight (kg)
ZB38KQ-TFD-558	5HP	38
ZB38KQE-TFD-558	5HP	38
ZB45KQ-TFD-558	6HP	40
ZB45KQE-TFD-558	6HP	40
ZB48KQ-TFD-558	6.85HP	40
ZB48KQE-TFD-524	6.85HP	40
ZB76KQ-TFD-524	10HP	65
ZB76KQE-TFD-524	10HP	65
ZB88KQ-TFD-524	12HP	65
ZB88KQ-TFD-551	12HP	65
ZB92KCE-TWD-551	13HP	103

Electrical Ratings

460 V

Voltage

83 A

LRA

13.8 A

RLA

18.7 A

Max Operating Current

Operational Data

- Refrigerants: R-22, R-407C, R-134a, R-404A
- Sound Power: 71 dBA
- Displacement: 11.7 m³/h
- High Side Pressure: 32.0 bar
- Low Side Pressure: 22.5 bar
- IP Rating: IP21

Maintenance

Maintenance Details

- Oil Type: EMKARATE RL32-3MAF
- Factory Charge: 1.6 kg