

# Reciprocating Compressor for Refrigeration

This reciprocating compressor provides efficient and reliable cooling for various refrigeration applications. It is suitable for use in commercial display counters and ice makers.



## Product Overview

### Versatile Reciprocating Refrigeration Compressor

This high-performance reciprocating compressor is engineered for diverse commercial refrigeration needs, ranging from deep freezing to fresh food storage. It supports multiple application profiles including LBP, MBP, HBP, and mixed-temperature environments, making it suitable for ice makers, display cases, and walk-in coolers. With robust displacement options and reliable oil-filled capacities, it is designed to maintain consistent cooling performance in demanding professional settings.

## Application Ranges

### Application Temperature Ranges

- LBP (Low Back Pressure): -31°F to 14°F
- MBP (Medium Back Pressure): 14°F to 32°F
- HBP (High Back Pressure): 32°F to 59°F
- L/MBP: -31°F to 23°F
- L/M/HBP: -31°F to 59°F

### Typical Use Cases

Refrigerators, Frozen Food Cabinets, Display Windows, Fresh Food Cabinets, Drink Coolers, Ice Makers, Walk-in Coolers, Drinking Fountains

## Technical Specifications

### Model Performance Data

Model	HP	Refrigerant	Displacement (cc)	Oil-filled (cc)
CAJ 2432Z	3/4	R404A	18.3	887
CAJ 2440Z	1	R404A	21	887
TAJ 2446Z	1	R404A	26.2	887
TAJ 2464Z	1-1/2	R404A	34.5	887

### Compatible Refrigerant

R404A