

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