AdaptaPak Distributed Systems

Designed for Efficiency. Built for Convenience.

An AdaptaPak™ distributed system features a clean, low-height design to minimize rooftop visibility. It shares suction, discharge and integrated condenser across several compressors, and as a result, compressor capacity can be varied to match the required loads — a much more efficient design compared to single-unit installations.
Efficiency and Performance in Design

AdaptaPak™ was designed specifically to improve the performance of refrigeration applications in drug stores, convenience stores and other smaller-footprint retail establishments. Without AdaptaPak, multiple outdoor single-unit installations provide the necessary refrigeration capacity by cycling on and off. In contrast, an AdaptaPak system uses multiple staged compressors (including a digital scroll) to more effectively and efficiently respond to the store’s refrigeration demands. As a result, compressor capacities can be varied to better match required loads and reduce cycling — a much more efficient and economical design. Additionally, AdaptaPak is designed with a highly efficient coil and is available with energy-efficient EC motors to further increase efficiency.

<table>
<thead>
<tr>
<th>Fans</th>
<th>Estimated Weight</th>
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<tbody>
<tr>
<td>2</td>
<td>3,000 lbs</td>
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<tr>
<td>3</td>
<td>3,500 lbs</td>
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Base Model Features

- Pre-painted galvanized steel cabinet.
- Emerson scroll compressors.
- Centrifugal-style discharge oil separator with integral oil receiver.
- Replaceable core filter/drier and sight glass.
- Oversized receiver.
- Through-the-door disconnect.
- IEC contactors.
- Phase loss monitor with brownout protection.
- MultiMax system controller.
- Two suction groups or single suction group (model-dependent).
- One digital scroll per suction group (if available).
- R-407A, R-448A and R-449A refrigerants.
- Suction filter per suction group.
- Low-pressure control per suction group.
- Low-pressure control per compressor.
- Fixed-speed AC motors.
- Digital liquid level alarm (on receiver).
- 460V main power.

Available Options

- Alternative controls packages.
- Variable-speed EC motors.
- Electrofins coated coil.
- Cold weather package (split condenser/heated and insulated receiver).
- Hail guard.
- Heat reclaim valve package (remote only).
- Analog liquid level indicator.
- Low-pressure control per compressor.
- 208-230V main power.

Fast Facts...

- AdaptaPak installations ramp capacity up or down to more closely match refrigeration loads and provide 20% or more energy savings compared to a single condensing unit.
- AdaptaPak integrates all of the high-pressure side components into one easy-to-install package.
- Electrical and refrigeration connections can be on the same side making it easier to install in areas with minimal clearances and space.
- The isolated compressor section can be easily accessed while unit is operational without interrupting airflow.