Product Highlights

North America
Thanks for visiting us at the 2010 AHR Expo.

We appreciate your interest in Tecumseh Products Company. If you requested contact from Tecumseh, a sales representative will be contacting you soon.

Contact Us

Aftermarket Sales and Customer Service
North America
PH: 1 866.449.1542
Email: customer.service@tecumseh.com

OEM Sales and Customer Service
North America
PH: 1 800.888.8411
Email: customer.service.oem@tecumseh.com

Technical Support
North America
PH: 1 800.211.3427
Email: technical.service@tecumseh.com

Literature Resources
North America
www.thetecumsehstore.com

Websites
Corporate: www.tecumseh.com
Specialty Products: www.masterflux.com
Canada: www.tecumsehproducts.ca

Still looking for more?
Contact Tecumseh at tecumseh.marketing@tecumseh.com

We are looking forward to seeing you next year at Booth # C-1007 at the 2011 AHR Expo in Las Vegas, Nevada on January 31 - February 2.
Compressors

Reciprocating, Rotary and Scroll

Capacity Range: 1/15th to 6 HP (180 to 72,000 Btu/h)

Refrigerants: R22, R134a, R407C, R410A, R404A, R290, and R600a

Applications: Single and Variable Speed; Low, Medium and High Evaporator Temperatures

Condensing Units

Capacity Range: 1/6 to 6 1/2 HP (200 to 72,000 Btu/h)

Cooling Type: Air & Water Cooled

Refrigerants: R22, R134a, R404A and R507

Applications: Low, Medium and High Evaporator Temperatures, Indoor and Outdoor Options

Evaporator Coils

Air Defrost: 400 to 187,000 Btu/h

Electric Defrost: 500 to 108,200 Btu/h

Refrigerants: R22, R134a, R404A and R507

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Eco - Friendly Refrigerants

R290 (Propane)
- Reciprocating Compressors for Commercial Refrigeration Applications
- Capacity Range: 1/5th to 1/3rd HP (650 to 4,800 Btu/h)

R600a (Iso-Butane)
- Reciprocating Compressors for Household Refrigerators and Freezers
- Capacity Range: 190 to 800 Btu/h

Reduced Sound Levels

Silensys® Outdoor Condensing Units
- Low Sound Levels; 5 to 9 dBA Improvement Over Standard Condensing Unit Offering
- Available with High Efficiency Reciprocating, Rotary or Scroll Compressors
- Side Access Door Facilitates Ease of Service
- Aesthetically Appealing, Non-Corrosive Enclosure

High Efficiency Compressors

Reciprocating, Rotary and Scroll
- Capacity Range: 200 to 72,000 Btu/h
- Low Noise Levels for Use in Sound Sensitive Applications

Variable Speed Compressors and Controllers
- Capacity Range: 400 to 34,000 Btu/h
- Voltage Range: 10 to 420V DC
## Compressor & Condensing Unit Series

### RN Rotary Compressors
- **Capacity Range**: 20,000 to 32,000 Btu/h
- **Refrigerant(s)**: R22, R134a
- **Application(s)**:
  - Air Conditioning
- **Features/Benefits**:
  - High Energy Efficiency (Up to 11 EER) for Reduced Power Consumption
  - Compact Size Reduces Space Requirements
  - Low Noise for Use in Sound Sensitive Applications
  - Design Optimized for High Ambient Conditions

### RK Rotary Compressors
- **Capacity Range**: 5,400 to 18,000 Btu/h
- **Refrigerant(s)**: R134a, R407C, R22
- **Application(s)**:
  - PTAC / PTHP
  - Ductless Mini-Split Air Conditioners
  - Electronic Cooling
  - Commercial Refrigeration
- **Features/Benefits**:
  - Compact Size Reduces Space Requirements
  - High Energy Efficiency (Up to 11.0 EER) for Reduced Power Consumption
  - Low Noise for Use in Sound Sensitive Applications

### RG Rotary Compressors
- **Capacity Range**: 5,000 to 13,000 Btu/h
- **Refrigerant(s)**: R410A, R407C, R22
- **Application(s)**:
  - Room Air Conditioning
  - PTAC / PTHP
  - Recreational Vehicle / Marine Air Conditioning
- **Features/Benefits**:
  - High Energy Efficiency (Up to 10.8 EER) for Reduced Power Consumption
  - Compact Size Reduces Space Requirements
  - Low Noise for Use in Sound Sensitive Applications
Compressor & Condensing Unit Series

HG Rotary Compressors

Capacity Range
5,000 to 13,000 Btu/h

Refrigerant(s)
R410A, R407C, R134a, R22

Application(s)
• Air Conditioning / Heat Pump
• Commercial Refrigeration
• Transport Cooling
• RV/ Marine

Features/Benefits
• High Energy Efficiency (Up to 10.8 EER) for Reduced Power Consumption
• Low Profile for Limited Height Applications
• Low Noise for Use in Sound Sensitive Applications

TH High Efficiency Compressors

Capacity Range
180 to 2,200 Btu/h

Refrigerant(s)
R134a, R600a, R290

Application(s)
• Household Refrigerators and Freezers
• Commercial Refrigeration (Low and Medium Evaporator Temperatures)

Features/Benefits
• Energy Efficient (Up to 5.5+ EER) for Reduced Power Consumption
• Compact Size Reduces Space Requirements
• Low Noise Levels

TP High Efficiency Compressors

Capacity Range
400 to 2,400 Btu/h

Refrigerant(s)
R134a, R600, R404A, R290

Application(s)
• Household Refrigerators and Freezers
• Commercial Refrigeration (Low and Medium Evaporator Temperatures)

Features/Benefits
• Energy Efficient for Reduced Power Consumption
• Low Noise Levels
# Compressor & Condensing Unit Series

## Indoor Air Cooled Condensing Units
- **Capacity Range**
  - 1/3 to 6 HP
  - 360 to 72,000 Btu/h
- **Refrigerant(s)**
  - R404A, R134a, R22
- **Application(s)**
  - Commercial Refrigeration (Low, Medium, Commercial and High Evaporator Temperatures)
- **Features/Benefits**
  - Design and Manufactured to Insure Maximum Performance and Reliability
  - Ease of Installation and Maintenance has Resulted in a High Level of Industry Acceptance
  - Compact Design Minimizes Space Requirements

## Celseon™ Air Cooled Condensing Units
- **Capacity Range**
  - 1/6 to 1/3 HP
  - 600 - 4,250 Btu/h
- **Refrigerant(s)**
  - R404A, R143a
- **Application(s)**
  - Commercial Refrigeration (Low, Medium, Commercial and High Evaporator Temperatures)
- **Features/Benefits**
  - Compact Design
  - Efficient
  - Replaces a Wide Range of Existing Condensing Units in the Filed Now
  - Reliable, Proven Components

## Evaporative Condensate Units
- **Capacity Range**
  - 1/6 - 1/2 HP
  - 600 - 6,000 Btu/h
- **Refrigerant(s)**
  - R404A, R134a
- **Application(s)**
  - Commercial Refrigeration (Low, Medium, Commercial and High Evaporator Temperatures)
- **Features/Benefits**
  - Non-Corrosive Base Extends Product Life
  - Hot Gas Condensation Loop Provides High Capacity Without Electricity
  - Compact Design Provides Universal Change-Out
VSA Series Scroll Compressors

Capacity Range
CBP: 1 to 6 HP
   9,050 to 44,000 Btu/h
LBP: 1 - 6 HP
   7,400 - 23,000 BTU/h

Refrigerant(s)
R404A

Application(s)
CBP: Commercial Temperature Refrigeration
   (Medium Evaporator Temperatures)
LBP: Low Temperature Refrigeration

Features/Benefits
• Fewer Moving Parts – High Reliability
• Reliable Design Backed by Extensive Testing
• Standard Connections and Mounting Footprint Facilitates Installation and Servicing

VSA Series Scroll Outdoor Condensing Units

Capacity Range
1-1/4 to 6-1/2 HP
10,000 to 52,000 Btu/h

Refrigerant(s)
R404A

Application(s)
• Commercial Refrigeration
   (Medium Evaporator Temperatures)

Features/Benefits
• Generous Coil Surfaces Assures Rated Performance in High Ambient Conditions
• Use of Scroll Compressors Provide Higher Efficiencies and Reliability vs. Comparable Reciprocating Designs

VSA Series Scroll Indoor Condensing Units

Capacity Range
1-1/2 to 6 1/2 HP
11,000 to 52,000 Btu/h

Refrigerant(s)
R404A

Application(s)
• Commercial Refrigeration
   (Medium Evaporator Temperatures)

Features/Benefits
• Generous Coil Surfaces Assures Rated Performance at High Ambient Conditions
• Units Available for Specific Applications

www.tecumseh.com
<table>
<thead>
<tr>
<th>Compressor &amp; Condensing Unit Series</th>
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<tbody>
<tr>
<td><strong>Masterflux® Sierra Condensing Unit</strong></td>
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<td>3,300 Btu/h (970 W)</td>
<td>R134a</td>
<td>• High Capacity to Size Ratio</td>
<td>• Automobile</td>
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<td>12 and 24 V DC</td>
<td></td>
<td>• Integrated Electronics</td>
<td>• Medical</td>
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<td></td>
<td></td>
<td>• Powder Coated Sheet Metal</td>
<td>• Solar</td>
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<td></td>
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<td>• Designed for Mobile Applications</td>
<td>• Military</td>
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<td>• Custom Designed Controllers</td>
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<td>• Advanced Sensor-less Controller Technology</td>
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<td></td>
<td>• Up to 40% Smaller and Lighter than Competing DC Compressors</td>
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www.tecumseh.com
Tecumseh Products Company is a leading global manufacturer of hermetic compressors, condensing units and systems for residential and commercial, refrigeration and air conditioning applications.

Included in this brochure is Tecumseh’s product offering featured at the 2010 AHR Expo.

For Tecumseh’s complete product offering, visit www.tecumseh.com

Contact Us
Website: www.tecumseh.com
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