COMMERCIAL REFRIGERATION PRODUCTS
PRODUCT OVERVIEW

Leading the way.
A LONG LIST OF OPTIONS LETS YOU SELECT EQUIPMENT TO MEET SPECIALIZED REQUIREMENTS

**TTL-LINE**

**TWO-WAY LOW PROFILE EVAPORATORS**

Ideal for reach-in and walk-in coolers.

- High, medium & low temperature applications
- Available from 950 to 11,500 BTUH at 10°F TD

**TTM-LINE**

**TWO-WAY MEDIUM PROFILE EVAPORATORS**

Ideal for reach-in and walk-in coolers.

- Air, electric or hot gas defrost models for -10°F and above box temperature
- Available in ten sizes from 6,000 BTUH to 37,000 BTUH at 10°F TD

**T-LINE**

**ROUNDELL EVAPORATORS**

Designed for walk-in coolers requiring positive, low air movement discharged radially in an 180 degree arc.

- Air defrost models for 35°F and above room temperatures
- Available in eight sizes from 3,730 to 20,400 BTUH at 10°F TD

**TLV-LINE**

**LOW VELOCITY EVAPORATORS**

Ideally suited where low air movement and even temperatures throughout the refrigerated space are required, while maintaining desired humidity conditions.

- Air, electric and hot gas defrost models for 28°F and above room temperatures
- Available in 10 sizes from 6,000 BTUH to 37,000 BTUH at 10°F TD
**TPLP-LINE**

**PRE ASSEMBLED LOW PROFILE EVAPORATORS**

Air and Electric Defrost models from our popular TLP-Line now available as Value-Priced Pre-assembled Units.

- TX Valve and Solenoid Valve/Coil mounted
- Thermostat mounted on front of unit
- Schrader Valve conveniently located
- 15-7/8” approx. height

**TMP-LINE**

**MEDIUM PROFILE EVAPORATORS**

Designed for large walk in coolers and freezers.

- Air, electric and hot gas defrost models for -40°F and above room temperatures
- Available in 12 sizes ranging from 18,000 to 88,000 BTUH at 10°F TD

**THP-LINE**

**HIGH PROFILE EVAPORATORS**

Ideally suited for warehouse/industrial cooler and freezer applications.

- Optional blast cooler and freezer applications available.
- Air, electric and hot gas defrost models.
- Available in multiple sizes from 73,000 to 278,000 BTUH at 10°F TD
- Customizations are available

**TEP-LINE**

**EXTENDED PROFILE EVAPORATORS**

A smaller footprint than high profile evaporators - yet delivering similar amounts of air throw.

- Air, electric and hot gas defrost models for -40°F and above room temperatures
- Available in multiple sizes ranging from 26,000 to 124,000 BTUH at 10°F TD

**TAP-LINE**

**HORIZONTAL PRODUCT COOLERS**

This flexible unit can be used in any number of applications ranging from low temperature freezers to ripening rooms.

- Indoor Applications Only
- Large Face Area Centrifugal Fan
- “Bolt-On” Coil for Maximum Capacity in Minimum Space
- 10 Models
- Up to 44,000 CFM
- Up to 30 HP
INNOVATIVE
COST EFFECTIVE
ENERGY EFFICIENT

INTUITIVE EVAPORATOR
CONTROL TECHNOLOGY

- Precise Temperature Control for Improved Product Integrity
- Energy Efficient Operation
- Remote Monitoring + Control

Easy Installation: Two Pipes, Two Wires and You’re Done!*  

PRE-ASSEMBLED EVAPORATOR INCLUDES:

Adaptive Defrost Control Board  
Remote ESP+ Display  
EEV  
Solenoid Valve

*Some exceptions, visit t-rp.com/esp for details

Available for Evaporators and Condensing Units

SMARTSPEED™  
FAN MOTOR TECHNOLOGY

SMARTSPEED HIGHLIGHTS

- Motor speed changes according to system operation and ambient conditions
- Reduced Energy Consumption and System Refrigerant Charges
- No complex controls required, easy to operate

CHECK OUT OUR VIDEOS

Watch our video to learn more about the versatility and convenience of Trenton’s SmartSpeed. 
t-rp.com/smartspeed
THE NEXT GENERATION OF RESPONSIVE TECHNOLOGY

- Reduced compressor energy consumption and run time
- EC motor technology further saves energy and reduces electrical requirements
- Lowered environmental impact through reduced refrigerant use
- Stable system performance in lower ambients

Link and Link+ systems redefine flexibility in commercial refrigeration solutions. Each system is custom designed from the ground up to meet your specific application need. This allows for the delivery of a ruggedly constructed design that maximizes system performance, energy savings and serviceability.

CHECK OUT OUR VIDEOS
Watch our video to learn more about the versatility and convenience of Trenton’s Limitrol+.

t-rp.com/limitrol

CHECK OUT OUR VIDEOS
Watch our video to learn more about the versatility and convenience of Trenton’s Link/Link+.

t-rp.com/link

A FREE SUITE OF SOFTWARE TOOLS FOR REFRIGERATION PROFESSIONALS.

Learn more at: t-rp.com/dt
CONDENSING UNITS

TQ-LINE QUIET CONDENSING UNITS
- OUTDOOR AIR COOLED SCROLL MODELS
  - Medium and low temperature applications
  - Sizes range from 1/2 to 6 HP
  - Innovative design ensures quiet, energy efficient operation
  - Compact size provides greater installation flexibility
  - Optional wall mounting kit available
  - Includes QuickVac evacuation & refrigerant recovery valves

TEH-LINE
- INDOOR/OUTDOOR AIR COOLED CONDENSING UNITS
  - High, medium and low temperature applications
  - Sizes range from 1/2 HP to 5 HP
  - Painted Weather-Resistant Housing Standard
  - Indoor/Outdoor

TEZ-LINE
- INDOOR/OUTDOOR AIR COOLED SCROLL CONDENSING UNITS
  - High, medium and low temperature
  - 3/4 HP to 17 HP
  - Painted Weather-Resistant Housing Standard
  - Copeland scroll compressors
  - Indoor/Outdoor

TES-LINE
- INDOOR/OUTDOOR AIR COOLED CONDENSING UNITS
  - High, medium and low temperature
  - 1 HP to 22 HP
  - Painted Weather-Resistant Housing Standard
  - Copeland or Bitzer compressors
  - Indoor/Outdoor
SCROLL COOLER/ FREEZER COMBO

- One unit for both cooler and freezer boxes, saving space, installation time and shipping cost.
- Copeland scroll compressors
- Oversized condenser surface
- Oversized receiver
- Oversized electrical control panel
- Single point electrical hook up

R-LINE

INDOOR REMOTE CONDENSING UNITS

- High, medium and low temperature applications
- Sizes range from 1/2 HP to 40 HP

W-LINE

INDOOR WATER COOLED CONDENSING UNITS

Ideally suited for warehouse/industrial cooler and freezer applications.

- High, medium and low temperature applications
- Sizes range from 1/2 HP to 40 HP

TX-LINE

INDOOR COAXIAL WATER COOLED CONDENSING UNITS

Designed for large walk in coolers and freezers.

- High, medium and low temperature applications
- Sizes range from 1/2 HP to 6 HP
- Copeland Hermetic, Semi-Hermetic and Scroll compressors

HERMETIC COOLER/ FREEZER COMBO

- One unit for both cooler and freezer boxes, saving space, installation time and shipping cost.
- Copeland compressors
- Oversized condenser surface
- Oversized receiver
- Oversized electrical control panel
- Single point electrical hook up

TVS/TVD-LINE

OUTDOOR AIR COOLED CONDENSING UNITS

- High, medium and low temperature applications
- Sizes from 15 HP to 100 HP (high/medium temperature) and 10 to 80 HP (low temperature)
- The TVS/TVD features single or dual compressor(s) and a vertical discharge air-cooled condenser
MULTI-COMPRESSOR UNITS

TF-LINE

OUTDOOR AIR COOLED MULTI-COMPRESSOR CONDENSING UNITS
• Total system flexibility using multiple compressor models and applications on a common chassis
• Up to four section cabinet choices of either Hermetic, Scroll or Semi-Hermetic multiple compressors with maximum three compressors per fan section
• Compressor sizes available ranging from 1/2 through 10 HP, to a maximum total of 10 HP per fan section and 40 HP per unit. (Based on compressor type and application, 95°F design Ambient)

TMS/TMD-LINE

OUTDOOR AIR COOLED CONDENSING UNITS
• High, medium and low temperature applications
• Sizes from 6 HP to 40 HP (high/medium temperature) and 7.5 to 44 HP (low temperature)
• The TMS/TMD features single or dual compressor(s) and a vertical discharge air-cooled condenser.
• Available with Copeland Discus Semi-Hermetic or Bitzer Semi-Hermetic compressors

Link indoor units provide a conveniently centralized package for compressors, electrical and controls, allowing for maximized merchandizing space. Pair it with selections from our complete line of companion products to create the ultimate system.

Link+ outdoor units combine elements found in the indoor unit with condenser components together into a single package featuring our industry leading weather resistant housing.

See page 5 for more details.
QUIET UNIT
REFRIGERATION DUTY CONDENSING UNITS

AVAILABLE WITH SCROLL COMPRESSORS

DESIGN HIGHLIGHTS
• Quiet Operation
• High Efficiency
• Compact Design
• Minimal Product Footprint
• Optional Wall Mounting Kit
• Copeland or Tecumseh Compressors
• Scroll Compressor Models Available

VARIABLE SPEED EC MOTORS (STANDARD) PROVIDE...
• Energy Savings Through Speed Reduction
• Reduced Sound Levels
• Low Refrigerant Charge Due To No Flooding Valve

TESTING RESULTS SHOW...
• Sound levels are approx 15 dBA lower than conventional style condensing units at 70°F (full speed)
• Sound levels are approx 20 dBA lower than conventional condensing units below 70°F (lower speed)
• Save up to 25% on energy costs*
• Head pressure and stable liquid temperature to the TXV maintained to ensure optimal TXV performances

HOW QUIET IS THE TRENTON QUIET UNIT?
Just above a whisper and well below a bark!

- Dog Barking: 75 decibels
- Normal Conversation: 65 decibels
- Electric Razor: 60 decibels
- 2HP Scroll Quiet Unit*: 55 decibels
- Whisper: 40 decibels

* Dependent upon numerous factors, please refer to product documentation for complete details

CHECK OUT OUR VIDEOS
Watch our video to learn more about the versatility and convenience of Trenton’s Quiet Unit.
t-rp.com/quietunit

* 1/2 - 6 HP High/Med. Temp (0°F - +40°F SST) R404a/R407c
* 1 - 6 HP Low Temp (-40°F - 0°F) R404A
* Low Ambient Operation (As Low As -35°F)
* 208-230/1/60, 208-230/3/60, 460/3/60

2010 AHR Expo INNOVATION AWARDS
Value Impact Application
Honorable Mention
**TCS-LINE**

**SMALL AIR COOLED CONDENSERS**
- Refrigeration or Air Conditioning Duty
- 2 tons to 24 tons THR at 25 °F TD
- Compact size provides greater installation flexibility
- Horizontal or vertical air discharge

**TCM-LINE**

**MEDIUM AIR COOLED CONDENSERS**
- Refrigeration or Air Conditioning Duty
- 9 tons to 49 tons THR at 25 °F TD
- 1 to 8 Fan Models
- Horizontal or vertical air discharge

**TCL-LINE**

**LARGE AIR COOLED CONDENSERS**
- Refrigeration or Air Conditioning Duty
- 7 to 270 nominal tons (R404A, 25°F TD, 60 Hz)
- 1 to 14 Fan Models
- Single width and double width models available
- 550, 850, or 1140 RPM or EC motors
- Horizontal or vertical air discharge

**TAB-LINE**

**CENTRIFUGAL FAN AIR COOLED CONDENSERS**
- An alternative to roof mounted propeller fan type units and an ideal choice for indoor mounted and ducted applications.
- Indoor Applications Only
- Large Face Area Centrifugal Fan
- “Bolt-On” Coil for Maximum Capacity in Minimum Space
- 14 Models
- Up to 55,000 CFM
- Up to 50 HP
FREE STANDING COILS

- **TDX DIRECT EXPANSION**
  7, 8, 10 or 12 fins per inch spacing, from 2 through 10 rows deep

- **TWS, TWH, TWD WATER COOLING**
  Water cooling coils can fill requirements for any design load, from 2 to 10 rows

- **THR HEAT RECLAIM**
  7, 8, 10 or 12 fins per inch spacing, from 2 through 10 rows deep

- **RUN AROUND HEAT RECOVERY**
  Run around cycle of heat recovery can be used on systems where exhaust air temperatures do not exceed 300°F

AIR HANDLERS - TAC/TAF/TAH-LINE

- **CENTRAL STATION AIR HANDLERS**
  Available in single zone, horizontal or vertical models from 700 to 64,000 CFM, the unit allows design flexibility and higher total static pressures.
  - Indoor/Outdoor Applications
  - 14 Models
  - Up to 6” total static pressure
  - Up to 64,000 CFM
  - Up to 75 hp

FLUID COOLERS - TFM/TFL-LINE

- Direct drive fluid coolers may use water or glycol as fluids for process fluid cooling, remote radiators, secondary heat exchangers, and industrial water coolers
QUICKVAC
EVACUATION & REFRIGERANT RECOVERY VALVES

Standard Feature on ALL Trenton TQZ, TEH, TEZ & TES Lines of Air Cooled Condensing Units.

Significantly Reduced Evacuation Times by up to 80%*.

Facilitates Deeper More Effective Vacuum Levels.

Conveniently Located for Rapid Refrigerant Recovery and Service.

*See product documentation for details

QuickVac
Evacuation & Refrigerant Recovery Valves

Leading The Way in Quality and Value
TRENTON REFRIGERATION
Brantford, ON - Longview, TX
Phone: (519) 751-0444 or 1-800-463-9517 Fax: (519) 753-1140

Due to our policy of continuous product improvement, we reserve the right to make changes without notice.

For more information about product lines go to: www.t-rp.com