

Products

Russell's line of heat transfer products is expansive and flexible to offer complete refrigeration systems from 1/2 to 80 horsepower. The various individual products that make up a Russell system are listed below.

WALK IN UNIT COOLERS

- Low Profile — All-Temp²B
- Medium Profile — Inter-Temp
- Heavy Duty — Ultra-Temp
- Low Velocity — Flow-Temp
- Two-Way Discharge — Ceiling-Temp
- Ripening Room Product Cooler

REACH-IN/WALK-IN UNIT COOLERS

- Classic Unit Cooler — Hi-Temp & TTemp
- Thin Ceiling Mount — Slip Temp
- Two-Way Discharge — Twin-Temp
- Wedge-Temp
- Mullion Style — Wall-Temp

COMPRESSORIZED

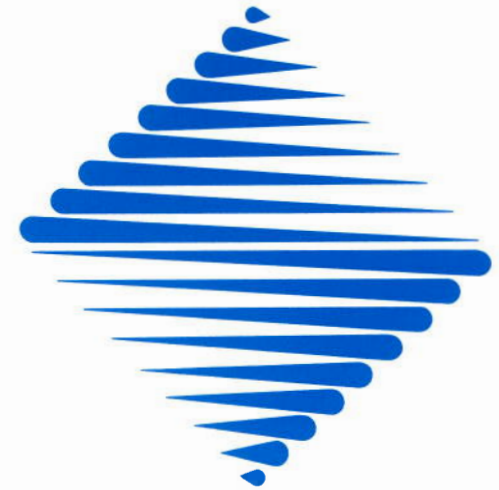
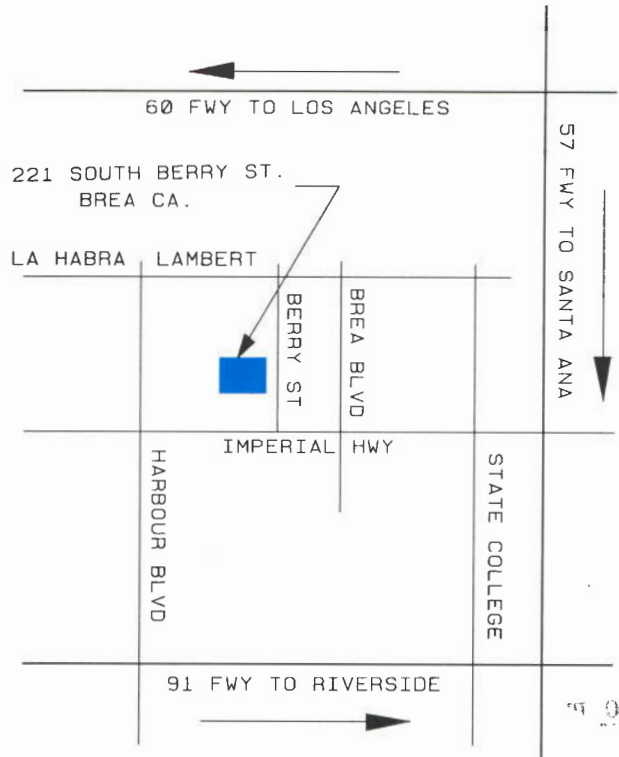
- Air Cooled Condensing Units — 1/2 HP to 5 HP
Mini-Con
- Air Cooled Condensing Units — 3/4 HP to 3 HP
Russ-Con
- Air Cooled Condensing Units — 3 HP to 22 HP
Russ-Con
- Air Cooled Condensing Units — 20 HP to 80 HP
Russ-Con
- Water Cooled Condensing Units — 1/2 HP to 30 HP
"REW"
- Remote Compressor Units — 3/4 HP to 80 HP
"RN"

CONDENSERS/FLUID COOLERS

- Air Cooled Condensers — Centrifugal Fan Style
- Air Cooled Condensers — Propeller Fan Style
RAC, VAC, CAC 3/4 to 180 tons
- Air Cooled Fluid Coolers — Centrifugal Fan Style
- Air Cooler Fluid Coolers — Propeller Fan Style
"FRAC, FVAC, FCAC"
- Evaporative Condensers — "ECR"
- Evaporative Fluid Coolers — "ECF"

AIR CONDITIONING PRODUCTS

- Heat Reclaim Unit Heaters
- Central Station Air Handlers
- Custom Heat Transfer Surface — Chilled or Hot Water
- Custom Heat Transfer Surface — Direct Expansion
- Custom Heat Transfer Surface — Steam



**Welcome
To
Russell**



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Introduction

We are pleased and honored to have you as our guests on this tour of the Russell facilities. It is not everyday that we have an opportunity to show our customers, associates, and friends the talents and capabilities that makes our company the success that it is in today's refrigeration industry. We hope that you find this tour interesting as well as educational. Should you have any questions, or comments on what you will see today, please do not hesitate to ask your host.

Please take a few moments to read through this brochure to acquaint yourself with Russell and discover some facts and history behind our success.

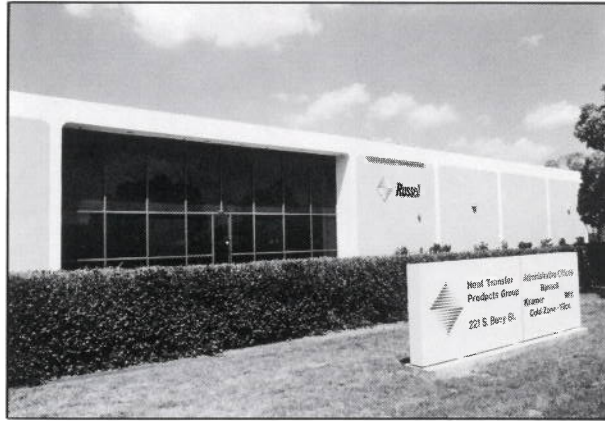
Our product is heat transfer and our motivation "Total Customer Satisfaction."

History

- 1946 The Russell Coil Company is conceived by Louis Russell in Santa Fe Springs, California.
- 1947 Louis Russell develops the first machine to allow variable fin spacing on a coil.
- 1948 The All-Temp Low Profile evaporator line is created, it has become an industry standard.
- 1967 The Russell Coil Company is sold to Ardco Incorporated of Chicago, Illinois.
- 1971 Russell moves to its new 60,000 square foot facility in Brea, California.
- 1972 Initiation of the "Quick Ship" unit cooler program which boosts sales and popularity of the Russell product lines.
- 1980 Russell expands its product line to include compressorized products.
- 1980 With increased growth facilities are expanded in Brea by 20,000 square feet.
- 1983 Russell goes international with its distribution and sales.

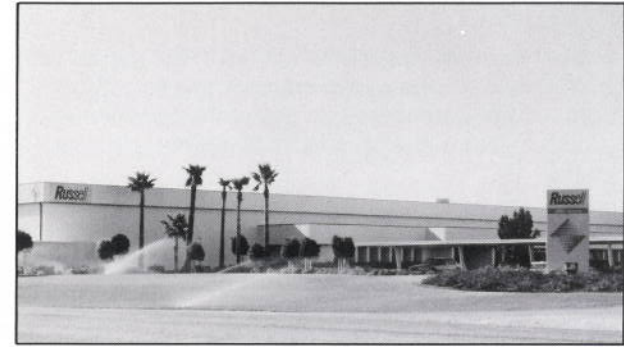
- 1985 Russell opens its newest state of the art manufacturing facility in Yuma, Arizona.
- 1987 Russell changes its name from "The Russell Coil Company" to "Russell, a division of Ardco".
- 1988 Russell receives its largest order to date for over 2300 horsepower of refrigerating system equipment.
- 1991 Russell is awarded a patent for its fiberglass evaporative condenser.
- 1992 Open house in conjunction with ASHRAE convention and the 25th year of ownership by Ardco Inc.

Facilities



Brea California Facility

The Brea California facility is the corporate headquarters for the Ardco Heat Transfer Products Group. Brea is located 20 miles East of Los Angeles. The above facility covers 80,000 square feet of office, manufacturing and warehouse space. Products produced in this facility are reach-in and low profile product coolers, air cooled condensers, and custom heat transfer surface.



Yuma Arizona Facility

The Yuma Arizona facility is the newest state of the art manufacturing facility. Yuma is located 170 miles East of San Diego. Because of its desert location and an average of 340 days of sunshine a year, it is necessary to have the manufacturing facility air conditioned. The Yuma facilities cover over 120,000 square feet of office, manufacturing, and warehouse space. Research, Development and Testing of all products for the Heat Transfer Group are conducted in Yuma. Products produced in this facility include compressorized equipment, large evaporators, and condensers.

Facts About Russell

Russell has over 35 basic product lines with over 1000 models and size variations. These variations do not include customized or modified product lines that Russell will build upon request. These 35 product lines have an average material content of 85% of the 5 basic materials and components listed below. The average annual consumption is as follows:

ALUMINUM: 1,750,000 lbs.
 COPPER: 2,000,000 lbs.
 STEEL: 1,000,000 lbs.
 ELECTRIC MOTORS: 90,000
 COMPRESSORS: 2700