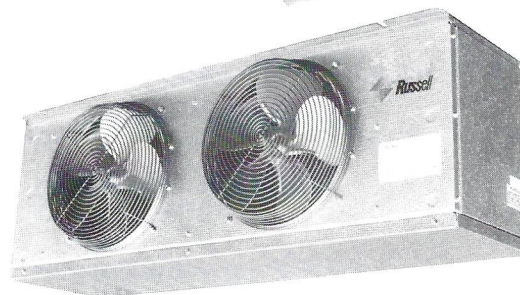
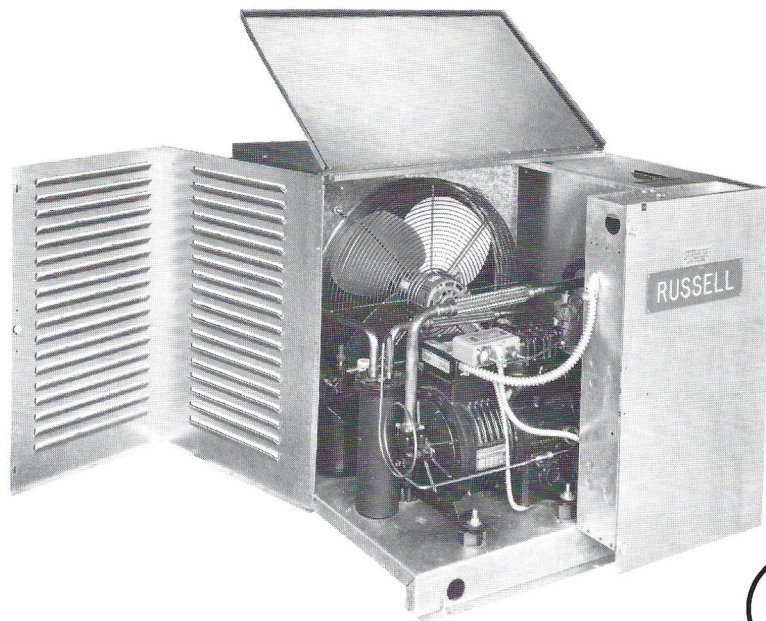


RUSSELL COMPLETE REFRIGERATION SYSTEMS

1/2 HP through 80 HP

The complete factory pre-engineered system has long been recognized as the surest way to quality and reliability. RUSSELL is a leading manufacturer of such systems with a product line extending from the little 1/2 HP for small walk-ins to the industrial size 80 HP for warehouse and process applications. Compressors, condensers, evaporators and their associated components are precisely matched for optimum performance. Pre-wired electrical components and pre-piped refrigeration specialties save expensive field labor. A single source means one responsibility.



INDOOR CONDENSING UNIT

Systems up through 22 HP are available with indoor condensing units for those who prefer sheltered maintenance and the avoidance of ultra-low ambient problems. Units are equipped with standard features plus many options.

OUTDOOR CONDENSING UNIT

All systems are available with outdoor fully weatherized condensing units for use in ambient temperatures down to -20° F. Save on expensive indoor floor area, reduce field piping, eliminate forced ventilation for condenser cooling, exploit low ambients for free cooling capability.

STANDARD AMBIENT TO $+30^{\circ}$ F.

Condenser fan cycling controls permit trouble-free cooling down to $+30^{\circ}$ ambient temperature for warmer climates, plus the part-year operation in colder climates typical of air conditioning and similar applications.

LOW AMBIENT TO -20° F.

Russ Saver

Profit from ultra-high efficiency refrigeration as the RUSS-SAVER system harnesses the cooling power of wintertime air to drastically reduce compressor power consumption and daily running time.

Low Ambient = Low System Pressures and thus...

- Avoids complex head pressure controls
- Avoids heavy refrigerant charges
- Extends compressor life thru:
 - Reduced daily running time
 - Reduced internal stress and wear

Flooded Condenser

The excellent controlled head pressure system is available for those preferring this style of operation and for those applications in which close control of suction pressure is necessary.

- Operates with conventional expansion valves
- Minimizes low ambient effects on suction pressure
- Generates "free" heat for heat reclaim

RUSSELL EVAPORATORS

ALL TEMP² B

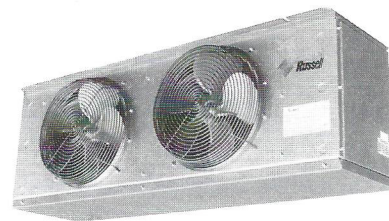
LOW PROFILE EVAPORATOR

3400 - 39000 Btu/hr

(860-9830 kcal/h)

61 SIZES

- Air, hot gas, or electric defrost
- Rust-proof aluminum housing
- Copper tube/aluminum fin coil
- 4, 6, or 8 fins per inch
- Permanently lubricated, thermally protected motors
- UL listed/NSF approved



FLOW TEMP

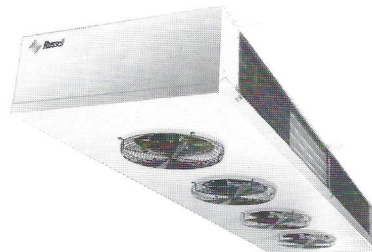
LOW VELOCITY EVAPORATOR

6700-26500 Btu/hr

(2030-31800 kcal/h)

7 SIZES

- Air, hot gas, or electric defrost
- Rust-proof aluminum housing
- Copper tube/aluminum fin coil
- 6 fins per inch
- Permanently lubricated, thermally protected motors
- UL listed/NSF approved



ULTRA TEMP

COMMERCIAL/INDUSTRIAL

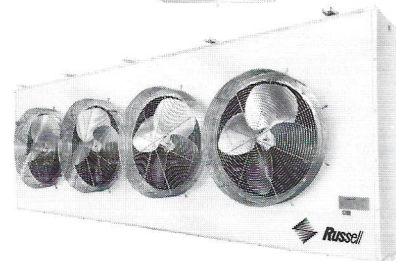
EVAPORATOR

11800 - 182100 Btu/hr

(2970-45900 kcal/h)

50 SIZES

- Air, hot gas, or electric defrost
- Rust-proof aluminum housing
- Copper tube/aluminum fin coil
- 4, 6, or 8 fins per inch
- Permanently lubricated, thermally protected motors
- UL listed



ASU

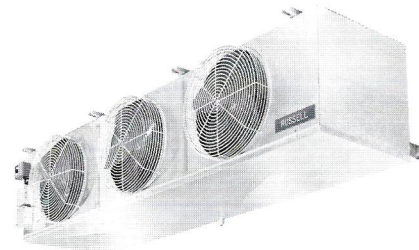
AMMONIA UNIT COOLER

12800 - 103800 Btu/hr

(3230-26200 kcal/h)

11 SIZES

- Air, hot gas, or electric defrost
- Rust-proof aluminum housing
- Aluminum tube/aluminum fin coil
- 4 fins per inch
- Permanently lubricated, thermally protected motors
- UL listed



RUSSELL AIR COOLED CONDENSERS

MULTICON

3/4 - 180 NOMINAL TONS

(2270-544375 kcal/h)

44 SIZES

- Easily installed in multiples for unlimited tonnage
- Heavy duty galvanized steel housing

- Copper tube/aluminum fin coil
- Baffled fan compartments
- Vertical or horizontal air discharge
- Multiple circuiting as required
- Fan cycling or flooded head pressure control available
- Sub-cooler circuit available
- All copper coil available



ADDITIONAL RUSSELL PRODUCTS

• REACH-IN EVAPORATORS

• CUSTOM HEAT TRANSFER

SURFACE COILS

• AIR-COOLED FLUID COOLERS

• EVAPORATIVE FLUID COOLERS

• CENTRIFUGAL AIR-COOLED CONDENSERS

• EVAPORATIVE CONDENSERS

• RIPENING ROOM PRODUCT

COOLERS

• AIR HANDLING UNITS

• WATER COOLED CONDENSING UNITS

• REMOTE COMPRESSOR UNITS


Russell

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