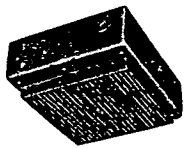
Young Radiator Co.

Plant and Executive Offices
709 Marquette St., Racine, Wis.
Sales and Engineering Offices in Principal Cities

REG U.S PAT. OFF.



Vertiflow Unit Heaters.

YOUNG *High Efficiency* UNITS

A complete line of heating, cooling and air-conditioning units. Steel heating elements available. Write for complete information and engineering data.

VERTIFLOW UNIT HEATERS—Propeller Fan Vertical Discharge Type units for ceiling suspension. Heating element split and pitched for proper draining. Eight types of diffusers. 12 models, capacities 30,000 to 480,000 Btu per hour.

HORIZONTAL DISCHARGE UNIT HEATERS—32 sizes of single and twin propeller fan units. Capacities from 18,000 to 658,000 Btu per hour.

BLOWER FAN UNIT HEATERS Ten models, capacities 120,000 to 800,000 Btu per hour. Also for ceiling suspension.

TYPE "FC" HEATING UNITS Floor model unit heater in attractive cabinet for offices, corridors, etc. Two fans—operates on steam or hot water.

DUCTLESS AIR CONDITIONING UNITS—Recessed room unit for use with steam or forced hot water systems. Heats, filters, humidifies and circulates air.

"STREAMAIRE" AIR CONDITIONING UNITS—For complete year-round air conditioning. Also available for winter or summer conditioning only. Eight horizontal and eight vertical models. Capacities from 400 to 16,600 CFM.

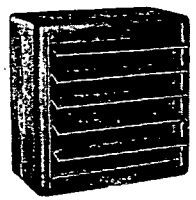
"STREAMAIRE" CONVECTORS Seven types of steel and non-metallic cabinets, high efficiency heating element. Designed for any type of steam or hot water system.

COMMERCIAL HEAT TRANSFER UNITS—Extended heating or cooling surface for air conditioning units, dryers, etc.

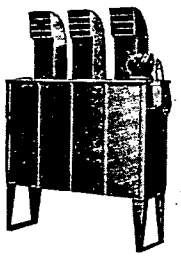
WATER COILS—Continuous tube coils for heating or cooling with water. Cleanable and Drainable types available.

BLAST UNITS—An encased surface for forced air heating or cooling systems.

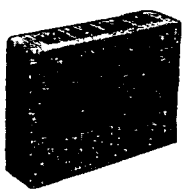
EVAPORATOR COILS—For mechanical refrigeration systems using Freon or methyl chloride.



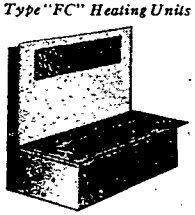
Horizontal Discharge Unit Heaters.



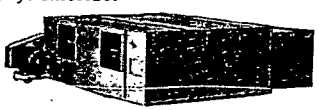
Blower Fan Type Unit Heaters.



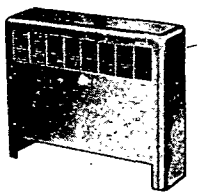
Type "FC" Heating Units



Ductless Air Conditioning Units



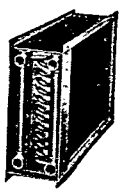
"Streamaire" Air Conditioning Units.



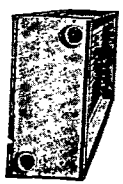
"Streamaire" Convectors.



Commercial Heat Transfer Units.

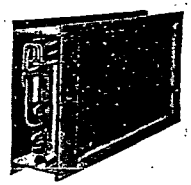


Water Coils





Blast Units



Evaporator Coils

AIR SYSTEM EQUIPMENT

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Air systems for heating, cooling and ventilating services are produced by grouping various machines and accessories, each performing a function in the complete cycle of the desired operation. The essential parts and accessories described by the manufacturers are contained in the following groups:

AIR FILTERS AND CLEANERS (p. 930-943)

Mechanical and electrical methods of filtering, also air washing and purifying apparatus and their applications.
Technical data on this subject will be found in Chapter 29.

HUMIDIFYING UNITS (p. 944-947)

For supplying moisture to air and controlling its volume as desired for industrial and commercial uses, or for comfort requirements.
Technical data is contained in Chapter 24.

COOLING TOWERS AND SPRAY EQUIPMENT (p. 945-947)

For cooling and reclaiming water used in industrial processes and air conditioning.
Technical data will be found in Chapter 27.

HEAT TRANSFER SURFACES (p. 948-952)

As parts of heating and cooling units, and for separate use in industrial and commercial heating and cooling systems.
Technical data is contained in Chapter 26.

CONDENSING UNITS AND REFRIGERATING MACHINERY (p. 953-961)

For refrigerating processes and for cooling purposes in industrial, commercial and comfort air conditioning service.
Technical data will be found in Chapter 24.

FANS AND BLOWERS (p. 962-975)

For use as separate air circulating equipment, or as parts of heating and air conditioning units.
Technical data is contained in Chapters 23 and 30.

MOTORS (p. 976-977)

Used in conjunction with blowers, fans, stokers, oil burners and other heating, cooling and air conditioning apparatus.
Technical data on motors will be found in Chapter 36.

REGISTERS AND GRILLES (p. 978-990)

Air diffusion equipment for use with heating, ventilating and air conditioning systems.
Technical data relating to this equipment is contained in Chapters 31 and 32.

SHEET METAL AND TUBULAR PRODUCTS (p. 991-994)

Sheets for air ducts and enclosures; pipes for gas, refrigerants, steam, water, etc.
Technical data on pipe and piping is contained in Chapters 15 and 18.

Manufacturer's products shown in this division are designed for specific applications. Consult the Index to Modern Equipment for additional products of these manufacturers.