

Worthington Pump and Machinery Corporation

Air Conditioning and Refrigeration Division

General Offices: HARRISON, NEW JERSEY

ALBANY	CHARLOTTE	EL PASO	LOUISVILLE	PHOENIX	SAN FRANCISCO
ATLANTA	CHICAGO	FORT WORTH	MILWAUKEE	PITTSBURGH	SEATTLE
BALTIMORE	CINCINNATI	GALVESTON	NEW HAVEN	PORTLAND, ORE.	SPRINGFIELD, MASS.
BIRMINGHAM	CLEVELAND	HOUSTON	NEW ORLEANS	PROVIDENCE	STRACUSE
BOSTON	DALLAS	KANSAS CITY	NEW YORK	ST. LOUIS	TULSA
BUFFALO	DENVER	KNOXVILLE	OMAHA	ST. PAUL	WASHINGTON, D. C.
BUTTE	DETROIT	LOS ANGELES	PHILADELPHIA	SALT LAKE CITY	WILMINGTON, DEL.

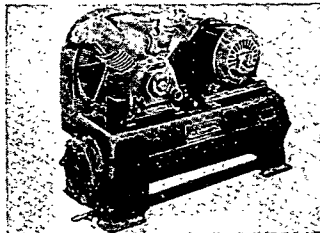
Representatives in all Principal Cities

Self-contained Air Conditioners



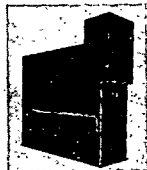
Cooling (or heating, if desired), dehumidification, ventilation, circulation and air cleaning for commercial and small industrial applications. 3, 5 and 7½ ton capacities. Hermetic compressor, finned copper tubing condenser, large-surface finned cooling coils.

Freon Refrigeration Units



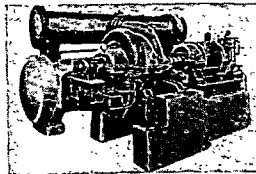
For all air conditioning and refrigeration applications up to 100 tons. **Series HS Compressors**—3 and 5 hp, vertical, two cyl.; 7½ hp four-cyl., V-type with Feather Valves; splash lubrication. **Series HF Compressors**—10 to 100 hp, four-cylinder V-type and six-cylinder W-type; full force-feed lubrication. Supplied with mounted horizontal cleanable type shell and tube condenser or for use with Worthington Evaporative Condenser.

Packaged Air Conditioners



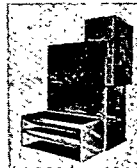
Series RCY for year-round air conditioning provides cooling, dehumidification, ventilation, cleaning and heating of air. 10, 15, 20 and 25 ton sizes available. Attractive styling, heavy steel frame with lightweight panels, balanced design, all parts accessible.

Centrifugal Refrigeration Water Cooling Systems



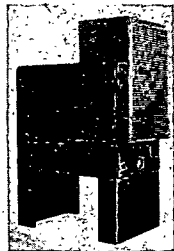
Freon-11 centrifugal compressor, water cooler and water-cooled condenser in compact unit assembly. Electric motor or steam turbine drive. 56 unit sizes . . . 150 to 1200 tons.

Air Conditioning Units



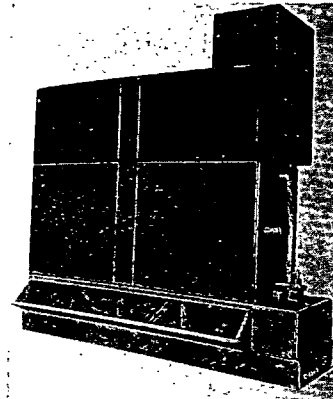
Series AHY and **AVY** Central Station Air Conditioners are for year-round air conditioning; heating coils and humidification can be added. **AHY** units for horizontal air flow, ceiling mounting; **AVY** vertical for floor mounting. 5 sizes from 2000 to 12,000 cfm, 4 to 62 tons. With or without internal face and by-pass dampers, also cooling coils.

Unit Heaters and Ventilators



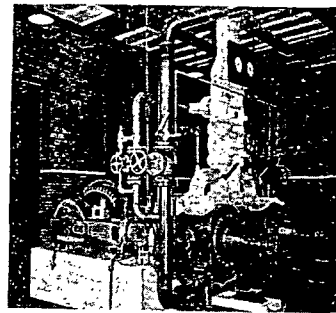
Series UHY unit heaters are blower type, for large spaces requiring uniform heating and good ventilation. Prevent stratification and condensate freezing. Can be arranged for automatically introducing outside air or regulating recirculated air. Five unit sizes, 16 arrangements, capacities from 100,000 to 1,200,000 Btu/hr with air volumes of 1500 to 12,000 cfm.

Evaporative Condensers



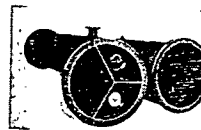
Series ECZ Freon-12 illustrated. 10 to 150 tons refrigeration. Units of sectionalized construction; all parts easily accessible. Galvanized steel coils for ammonia. Bare copper for Freon-12.

Horizontal Refrigeration Compressors



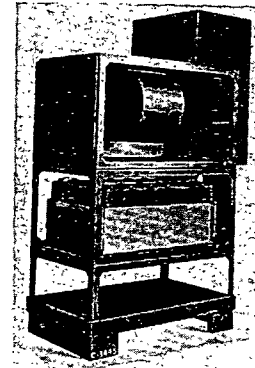
Horizontal Double-Acting Refrigeration Compressor in single or duplex types; for single or two stage compression. Capacities 50 to 1000 tons.

Condensers and Brine Coolers



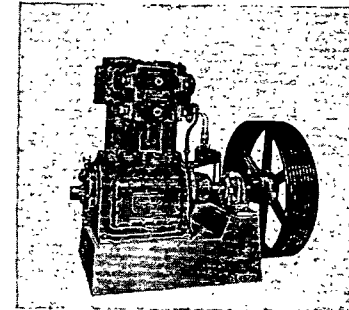
Multi-pass, for closed systems and space saving. Heads efficiently baffled to produce high liquid velocity. **Vertical "Spira-Flo"** types provided with circular water box and special water distributors. Cleanable without interfering with condenser operation.

Commercial Product Coolers



Both dry- and brine-spray types, in many sizes and arrangements for cooling, freezing and storage. Capacities from 2 to 15 tons, 2000 to 17,000 cfm.

Vertical Ammonia Compressors



Pressure-lubricated, roller main bearings; safety heads; patented Feather Valves; belt drive or direct connected to electric motor, diesel or gas engine; sizes 3 x 3 to 10 x 10, 2-cylinder.

Booster Refrigeration Compressors



Multi-cylinder vertical single-acting for capacities up to 400 cfm. Horizontal double-acting for larger capacity requirements. Designed to produce and maintain low evaporator pressures required for low temperature applications in conjunction with compression or absorption refrigeration systems.