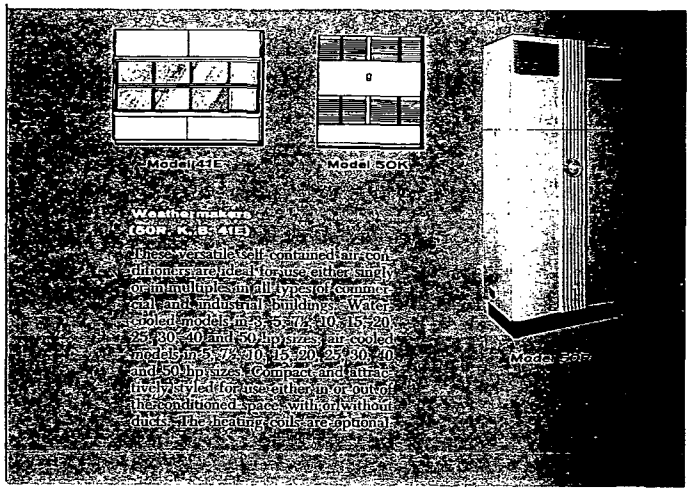
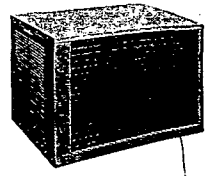
self-contained air conditioners



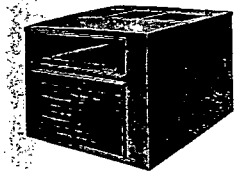
Weathermakers (50K, 41E)

These versatile self-contained air conditioners are ideal for use either singly or in multiples in all types of commercial and industrial buildings. Water cooled models in 3, 5, 7½, 10, 15, 20, 25, 30, 40 and 50 hp sizes; air cooled models in 5, 7½, 10, 15, 20, 25, 30, 40 and 50 hp sizes. Compact and attractively styled for use either in or out of the conditioned space, with or without ducts. The heating coils are optional.



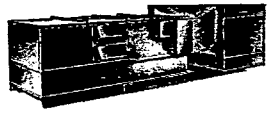
Weathermaker Condensing Units

These 38 Series air-cooled condensing units are remotely installed, usually outdoors, to provide refrigeration for matching direct expansion coils (38L) or fan-coil sections (38F, R) in duct systems. Widely used singly or in multiples in residential and commercial applications. Sizes range from 2 to 15 tons cooling capacity. Often teamed with a Carrier forced air furnace for year-round service.



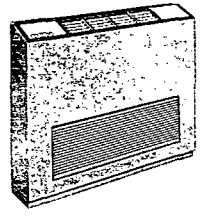
Heat Pump Weathermakers (64 Series)

All-electric, year-round air conditioning for homes and smaller commercial and industrial buildings. One-piece model (above) enclosed in weatherproof cabinet for outdoor or indoor location; 2 or 3 tons cooling, up to 80,100 Btuh heating. Two-piece model offers 3¼, 4¼, 7½ and 10 tons of cooling, up to 250,000 Btuh of heating. All models air-cooled. Electric resistance heating elements optional.



On-the-roof Weathermakers (48B)

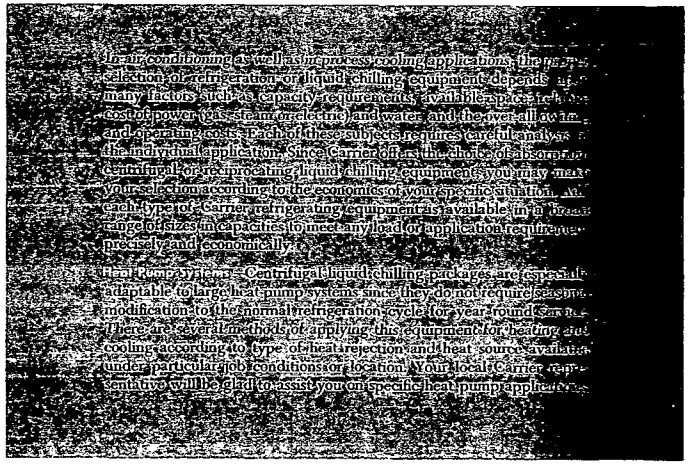
This new type of year-round, self-contained air conditioner is ideal for one-story buildings. Installs on roof to save floor space and eliminate extensive duct-work. Consists of air-cooled refrigeration section, gas-fired heating section and fan section. In two sizes. Cooling capacity: 7½ and 10 tons, heating to 250,000 Btuh. Cooling only, as well as heat pump models are likewise available.



Thru-the-Wall Weathermakers (36A)

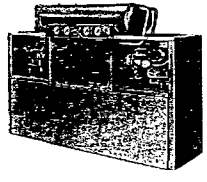
These packaged units can provide either cooling or heating instantly and automatically. Heating section is a fan-coil convector that uses either hot water, steam or electric resistance coil as the heat source. A heat pump model is also available. The slide-in cooling section of 1 hp capacity is completely self-contained. Both sections inter-connected and controlled by built-in thermostat.

liquid chilling equipment



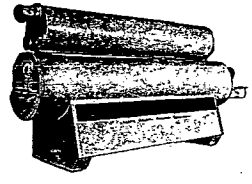
In air conditioning as well as in process cooling applications, the proper selection of refrigeration or liquid chilling equipment depends upon many factors such as capacity requirements, available space, relative cost of power (gas, steam or electric) and water, and the overall owning and operating costs. Each of these subjects requires careful analysis for the individual application. Since Carrier offers a wide choice of absorption, centrifugal or reciprocating liquid chilling equipment, you may make your selection according to the economics of your specific situation. And each type of Carrier refrigerating equipment is available in a broad range of sizes and capacities to meet any load or application requirement precisely and economically.

Heat Pump Systems—Centrifugal liquid chilling packages are especially adaptable to large heat pump systems since they do not require seasonal modification to the normal refrigeration cycle for year-round cooling. There are several methods of applying this equipment for heating and cooling according to type of heat rejection and heat source available under particular job conditions or location. Your local Carrier representative will be glad to assist you on specific heat pump applications.



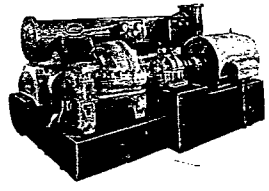
Reciprocating Packages (30 Series)

Completely packaged refrigerating machines for air conditioning and industrial process applications. The entire refrigeration cycle has been pre-engineered with properly matched components for efficient performance. Available in many sizes and various arrangements to permit economical selection and flexibility in their application. Cooling capacities cover complete range from 4 to 125 tons.



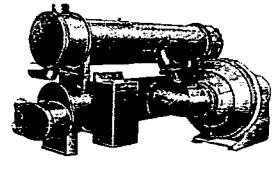
Automatic Absorption Packages (16E)

A heat operated refrigerating machine, using steam or high temperature water to chill water by the absorption principle. Uses water as the refrigerant and safe lithium bromide as the absorbent. Because these machines are light in weight, extremely compact and practically vibrationless, they may be installed on roofs or intermediate floors. In range of sizes with capacities from 50 to 1,000 tons.



Open Centrifugal Packages (17M)

For large scale air conditioning, process refrigeration, direct or indirect cooling of water, brines, hydrocarbons and other liquids, phase separation of vapors, and condensation of gases. This compact unit is comprised of an evaporator, condenser, centrifugal compressor and drive (motor, steam turbine, gas turbine or gas engine). Available in a wide range of sizes in cooling capacities from 100 to 5,000 tons.



Hermetic Centrifugal Packages (19C)

A compact, completely integrated water cooling unit designed especially for air conditioning or process cooling applications. Features include push button starting, automatic electronic or pneumatic controls, refrigerant cooled motor, special motor circuiting to assure low starting current. May be installed anywhere from basement to roof. In wide range of sizes with capacities from 100 to 2,000 tons.