

Fan Coil Models

FOR HEAT PUMPS AND CONVENTIONAL COOLING APPLICATIONS
Single and Multiple Circuit Coils

This family of Carrier fan coil units was designed to satisfy the trend in commercial and industrial air conditioning toward versatility, conservation of space, and attractive appearance.

All components are concealed within the cabinets. The choice of fan arrangements simplifies the individual duct design and permits installation where headroom is limited. Plenums are available for all units where an application does not require the use of ductwork.

Direct Expansion . . . used in conjunction with the 38 series air-cooled condensing units, (page 3) or the compressors and condensing units at right, these units will provide summer cooling for installations ranging from small individual shops to large buildings, 20 sizes ranging from 600 to 25,000 cfm.

Model Designation 38R, 40AA, 40RR, 40CA, CB, CQ

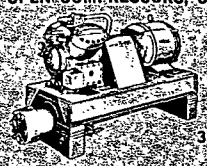
Chilled Water . . . models meet the varied requirements of a school, apartment, hospital or office building (40CC, CD), as well as a shop, plant or department store (40RS). The 40CC and CD models are ceiling suspended whereas the 40RS models stand on the floor or can be suspended from the wall or ceiling. Use with liquid chilling packages (page 5). Available in sizes from 900 to 14,800 cfm.

Model Designation 40CC, CD, 40RS

For additional information, call your Carrier representative listed in the Yellow Pages.

Refrigerant Compressors and Condensing Units

OPEN COMPRESSORS, CONDENSING UNITS

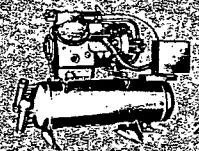


3 to 250 hp

Many advanced features such as built-in automatic load leveler, short piston stroke, vapor cushioned valves and interchangeable cylinder sleeves make these units particularly suited to air conditioning and process refrigeration. Uniform load increments between sizes, choice of refrigerants and many matching components permit proper selection for any job requirement. Available in direct drive or belt driven models, also duplex arrangements. May be used with water cooled, air cooled, or evaporative condensers (page 3). 12 sizes.

Model Designation 5F, H

HERMETIC COMPRESSORS, CONDENSING UNITS



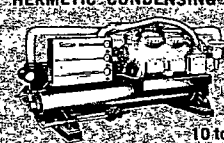
2 to 15 tons

This compact, lightweight compressor package designed by Carrier for low, medium, and high temperature applications in air conditioning and commercial refrigeration systems, give top cooling performance per kilowatt of input. Compressors are available for air cooled and evaporative condensing applications.

On water cooled condensing units, compressors are spring mounted. Multi-reflex mufflers are placed on the discharge lines to absorb gas pulsations. 6 sizes.

Model Designation 6D

HERMETIC CONDENSING UNITS



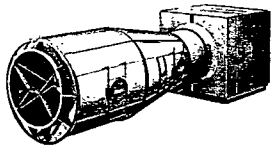
10 to 120 tons

These units consist of a compressor, motor, water cooled condenser, safety controls and motor starting and protection equipment—all entirely factory assembled and wired. If desired, these machines can be ordered without a water cooled condenser for use with evaporative or air cooled condensers (page 3). Hermetic compressors used on these units are a Carrier feature in this size range. They eliminate the problems of motor mounting, coupling alignment and shaft seal maintenance. Compressors can be serviced on the job. Available in 11 sizes.

Model Designation 6G, L

Industrial Equipment

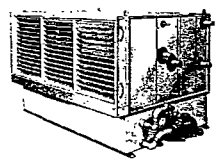
ROTASPRAY WEATHERMAKER 10,500 to 45,000 cfm



A unique concept in industrial air conditioning, this unit offers air handling, cleaning and saturation efficiency in one compact, factory-engineered unit. It provides better temperature and humidity control for new or existing plant facilities. Air velocities are 3 to 4 times that of conventional air washers. Spray section and eliminators are durable stainless steel. Comparatively light in weight, it may be roof-mounted, wall hung or ceiling suspended. 5 sizes.

Model Designation 29DA

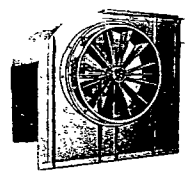
SURFACE TYPE DEHUMIDIFIER 11.4 to 108.6 sq. ft. face area



Combination coil and spray type equipment has wetted coil surface to increase heat transfer and to add humidity. Twelve sizes, suitable for blow-through or draw-through installation, include connections for coil, spray and drain. Factory assembled and insulated, it consists of heating and cooling coils, sprays, pump, necessary piping and eliminators. Designed to operate up to 9 in. water gauge positive pressure on a blow-through application. Double weight galvanized, gasketed steel panels.

Model Designation 43A

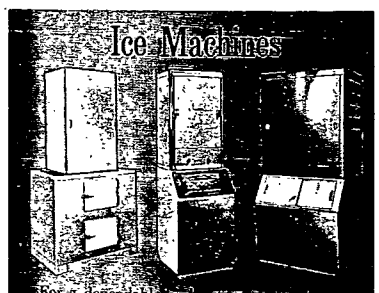
CENTRIFUGAL FANS



Carrier airfoil centrifugal fans are available in capacities from 400 to 381,000 cfm in classes I, II, III and IV as standard AMCA arrangements.
Backward curve centrifugal fans are available in capacities from 700 to 224,400 cfm in classes I and II as standard AMCA arrangements.
Forward curve centrifugal fans are available in capacities from 700 to 246,500 cfm in classes I and II as standard AMCA arrangements.
Package ventilating sets available with capacities from 100 to 20,700 cfm in forward and backward curve fan wheels.

Model Designation 27CA, CB, CF, DA

Ice Machines



For a dependable and [illegible] at low cost, these [illegible] hotels, restaurants and [illegible] ble in either [illegible] enamel finish. A variet[illegible] exact matching for [illegible] sizes deliver 200 [illegible] crushed ice per [illegible] produce 1,000 and 2,0[illegible] flaked ice each [illegible]

Model Designation 26[illegible]

Heat Pumps

All electric, year-round heating and cooling [illegible] for all types of construction from small shop[illegible] buildings. Carrier heat pump packaged units op[illegible] to and below zero outdoor temperatures to insure [illegible] possible operating cost to the customer.

Every Carrier heat pump—from the one piece unit to split units—has a system of protective devices to [illegible] operating efficiency. One such device is the [illegible] Chronotemp defrost system.

There are four sizes of one-piece units ranging from [illegible] to 96,000 Btuh, split systems range from 24,000 to 36[illegible] Btuh, and a line of multiple circuit fan-coil units [illegible] extend this split system offering up to 600,000 Btuh [illegible] almost 20 selection points. Carrier has the wide[illegible] heat pump product offering. The components [illegible] and reliable ones. And the pre-packaged controls [illegible] many valuable hours of design time.

The centrifugal liquid chilling packages shown [illegible] are especially adaptable to large, built-up [illegible] systems. For particular heat pump application [illegible] tion, contact your local Carrier representative [illegible] in the Yellow Pages and will be glad to assist.