

Westinghouse—Sturtevant Division

AIR WASHERS

Three types are available—Types S and H, with one bank of nozzles, used primarily for humidifying; Type C, with two banks of nozzles, used for evaporative cooling, humidifying and dehumidifying.

FILTER-WASHERS

Self-cleaning filter-washers employ a bank of mineral wool, or glass fiber filter pads, in conjunction with water sprays to clean and humidify the air. Made in 72 standard sizes and to specifications.

SURFACE DEHUMIDIFIERS

Available for either chilled water or directly expanded refrigerant, these wet surface units control accurately wet and dry bulb conditions in industrial and comfort air conditioning systems. Capacities range from 2000 to 50,000 cfm, with cooling capacities of 5 to 250 tons of refrigeration.

AIR BLENDERS

Widely used for central air conditioning and ventilating systems in commercial buildings, the Air Blender mixes cool dehumidified air or heated humidified air from a central system with predetermined quantities of recirculated air to maintain room temperatures for both winter and summer, air conditioning. It has no moving parts, and is equipped with a heating coil for winter operation. All units are built with 7 in. front-to-back dimensions, and in nominal lengths of from 18 in. to 60 in.

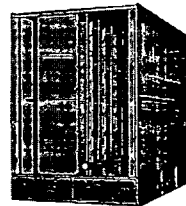
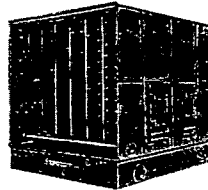
UNIT CONDITIONERS

Unit Conditioners, Type UC, provide year 'round air conditioning-cooling-dehumidifying to individual room areas in such structures as hotels, apartments, office buildings and hospitals.

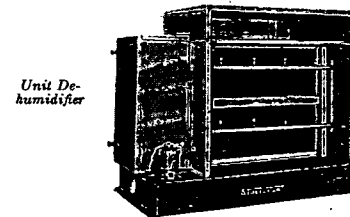
For cooling or heating, water is supplied at the required temperature from a central system. Air circulation and air cleaning is provided by the unit throughout the entire year.

Unit Conditioners may be used in combinations with a conditioned, central ventilating air system to recirculate and cool the air conveyed to a room, or may be individually applied to cool and dehumidify recirculated room air.

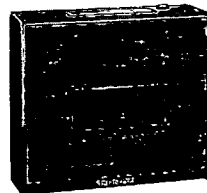
Air capacities range from 300 to 700 cfm, Btu per hour from 5400 to 16,200.

Air Washer
Type C

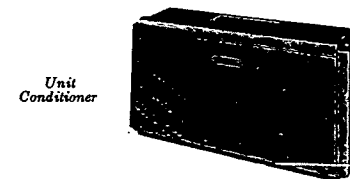
Filter Washer



Unit Dehumidifier



Air Blender



Unit Conditioner

Westinghouse—Sturtevant Division

UNITAIRE®

AIR CONDITIONING UNITS

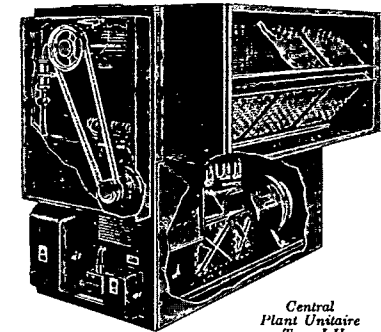
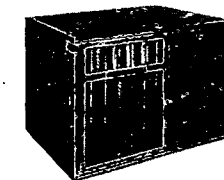
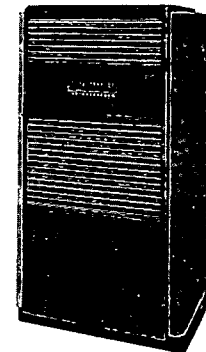
Central Plant Type Unitaires are completely self-contained, with all the component parts of an air conditioning system, designed especially for installation with supply and return air ducts. Unitaires are completely assembled, piped, refrigerant-charged, wired and adjusted at the factory. Each is given a complete operating test to assure satisfactory performance when installed. All that is required is connection of water and electrical service and attachment to the duct system.

The condensing unit is a standard Westinghouse hermetically-sealed, direct-connected compressor, with water-cooled condenser, isolated from the supporting structure by rubber anti-vibration mountings.

Central Plant Type Unitaires are available with 7½, 10, 15, 20 and 25 hp compressors.

Self-Contained Type Unitaires are widely used in small stores, restaurants, office suites and similar establishments. Usually they are installed in the room to be air conditioned, but in many cases they are remotely located with ducts supplying one or more spaces with air conditioned air. Available in sizes of 1, 2, 3 and 5 hp. Westinghouse Unitaires offer many important features:

1. Compact Size—Largest unit occupies less than 7 sq ft of floor space; smaller units often installed on shelves.
2. Attractive Appearance.
3. Completely Factory-Built.
4. Flexible Application.
5. Westinghouse Hermetically-Sealed Compressor.
6. Quiet Operation.

Central Plant Unitaire
Type LUSelf-Contained
Unitaire
Type SUSelf-Contained
Unitaire
Type CU