



Westinghouse Electric Corporation Sturtevant Division

Air Conditioning, Heating, Ventilating, Dust Control and Fume Removal
Equipment, Electronic Air Cleaners, Compressors, Mechanical
Draft Equipment

Hyde Park

Boston 36, Mass.

Westinghouse-Sturtevant Division manufactures a complete line of air conditioning, heating, ventilating and air handling equipment. Shown here are selections from the complete line. Individual product catalogs are available on request.

REFRIGERANT COMPRESSORS

Hermetically-Sealed, Freon 12, refrigerant compressors are designed for air conditioning and industrial refrigeration applications requiring suction evaporating temperatures ranging from 10°F to 50°F.

Westinghouse Special Features

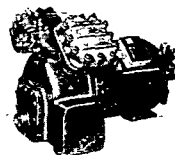
1. Shaft seals eliminated.
2. Direct drive—no belts, pulleys and couplings.
3. Sealed-in mechanism.
4. Refrigerant-cooled motor.
5. Compact size and light weight.

The hermetically-sealed compressors are reciprocating multi-cylinder, in-line type in sizes 7½ hp to and including 60 hp; 90 deg V-type on the 2, 3, 5, 75 and 100 hp sizes. They are protected by manually reset high and low pressure switch. Driving motors are polyphase, refrigerant-cooled induction type. Motors are protected by thermal overload protection in the De-ion magnetic line starters.

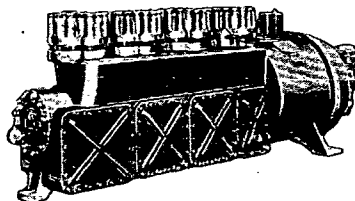
Mounting supports are available to permit mounting the compressor and suitable Westinghouse water-cooled condenser as a unit. Type CLS compressors are made in 12 sizes ranging in nominal capacities of from 2 to 100 tons refrigeration effect.

WATER COOLED CONDENSERS

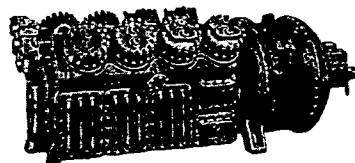
Where sufficient water is available from city water supply or cooling tower the water-cooled condenser is economical and efficient. To economically match refrigeration load requirements, Westinghouse water-cooled condensers are available in 14 sizes, ranging in nominal capacities from 2 to 100 tons net refrigeration effect.



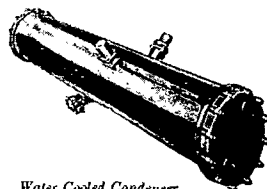
Two-Cylinder V-Type Compressor Type CLS 110/188



Eight-Cylinder In-Line Type Compressor Type CLS-1820



Sixteen-Cylinder V-Type Compressor Type CLS-2250



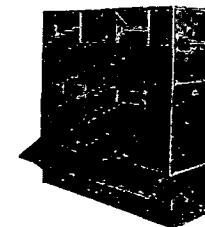
Water Cooled Condenser Type CWC

Westinghouse—Sturtevant Division

EVAPORATIVE CONDENSERS

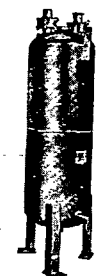
Where water is scarce or expensive, or its use or disposal restricted, Westinghouse aquamisers provide savings in water consumption. They are available in sizes to give a range of capacities from approximately 5 tons to 100 tons each, net refrigeration effect.

Aquamiser
Evaporative
Condenser
Type EVA



WATER COOLERS

For the chilling of water for distribution to a number of cooling coils, for surface-dehumidifiers and for use in industrial processes, these efficient water coolers range in size from 5 to 110 tons net refrigeration effect. The vertical cooler, located close by the compressor, eliminates long refrigerant piping.

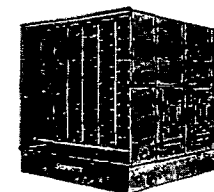


Water
Cooler
Type LC

AIR WASHERS

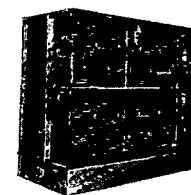
Four types are available for evaporative cooling, humidifying, dehumidifying and cleaning.

Air
Washer
Type C



SURFACE DEHUMIDIFIERS

These sprayed coil units are available with chilled water or direct expansion coils. The sprays perform two important functions: (1) lower the dry bulb temperature to approach saturation and; (2) continuous washing of coil surface. Capacities range from 2000 to 150,000 cfm.



Surface
Dehumidifier

AIR BLENDEES

Air Blenders mix cool dehumidified air or heated humidified air from a central system with 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.

Air
Blender

