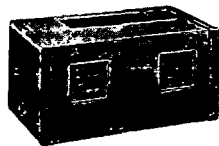


Kelvinator Central System Air Conditioning Unit.

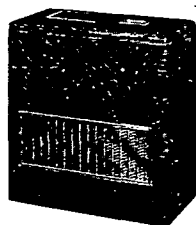


Kelvinator Type C Suspended Air Conditioner; condensing unit remote.

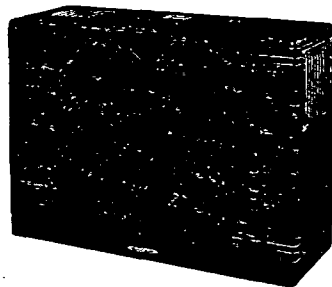
Central System Air Conditioning Units. Completely-controlled air conditioning system; with automatic cooling, dehumidifying, filtering, and air distribution. Kelvinator heating and humidifying equipment may be installed at any time. Designed, engineered, and completely factory-built and factory tested, for high efficiency and low operating cost.

Capacities: 10 to 40 tons I.M.E. per day.

Suspended Type Air Conditioning Units. For 0.7 ton to 10 ton installation in locations where floor or room space is limited. Fully automatic control. Complete cooling, dehumidifying, filtering, and air distribution. Heating coil and humidifier can be included in sizes of 5 tons and larger. This equipment is designed for installation right in the room to be air conditioned. Eliminates costly duct work; ideal for business firms holding short-term leases.



Kelvinator Floor-Type Air Conditioner; condenser remote.



Kelvinator Air-Cooled Room Cooler; completely self-contained.

Floor-Type Cabinet Air Conditioning Units. For use with Freon or circulating cold water as the refrigerant. Heating and humidification for winter air conditioning, and outside-air intake, with filter, can be provided. Capacities: 0.55, 0.80, 1.10, and 1.60 tons.

These units, which occupy about the same space as the radiator they replace, and cost little more, afford an ideal method of air conditioning hotel guest rooms, hospitals, office suites, and other existing construction where duct installation expense would be prohibitive.

Self-Contained Air Conditioners for Single Room Installations. Air-cooled models in $\frac{1}{2}$ hp and 1 hp sizes. Water cooled models in $\frac{1}{2}$ hp, 1 hp and $1\frac{1}{2}$ hp sizes. Provide cooling, dehumidifying, cleaning, and circulation. Outside air intake standard on air-cooled models, winter-heating coils optional. All models can be equipped with thermostat for automatic operation.

Kelvinator Room Coolers can be moved to a new location the same as other office or household equipment.

Residential Air Conditioning and Automatic Heating Equipment

Kelvinator's year 'round residential air conditioning and automatic heating equipment is the result of 24 years of experience in the manufacture of controlled temperature appliances. Developed in the Kelvinator Research Residence, it has been proved in hundreds of Kelvin Homes throughout the country. These homes, whose pre-engineered specifications and construction fundamentals provide new scientific advances in year 'round comfort and household conveniences at the cost of owning and operating an ordinary home, have been heralded by prominent housing authorities everywhere as a major contribution to "The New Mode of Living" for the moderate-income family.

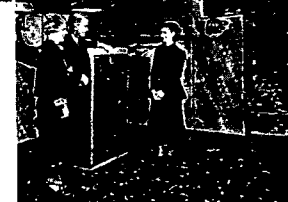
The heating function of Kelvinator's year 'round system may be accomplished with oil, gas, coal, or electricity; the cooling function with mechanical refrigeration. Year 'round ventilation is provided by the unique Comfort Dampener.



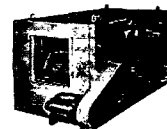
Typical Kelvin Homes equipped with year 'round Kelvinator air conditioning.



Year 'Round Air Conditioning System—Kelvinator's residential air conditioning system is of the indirect type wherein the air is heated by a steam coil in the conditioner, the steam for which is supplied from an automatic boiler. The indirect system was chosen after careful study as the most flexible and satisfactory for year 'round air conditioning. The automatic steam boilers are not only available for supplying steam to the steam coil but also furnish heat to radiators for heating those parts of the house where conditioned air is not required.



The illustration above shows the automatic oil-fired boiler (left), the air conditioner (above at center), and the condensing unit for summer cooling (inside the small room at right).



Assembled and cutaway views of Kelvinator residential air conditioner.

The Conditioner—The conditioner contains a heating coil, cooling coil, filter, humidifier and centrifugal fan. Steam for the heating coil is provided by an automatic boiler, and refrigerant for the cooling coil is supplied by a Freon mechanical cooling unit. Heating and cooling coils are provided in a variety of sizes to suit all climatic conditions.

The attractively finished conditioner is resiliently mounted and is insulated to insure quiet operation. The operation of the conditioner is automatically controlled by the thermostat in summer, and by the thermostat and humidistat in winter.

Four sizes with air deliveries up to 2000 cfm provide for conditioning any size home. Multiple units can be used for zoned systems of large residences.

The Comfort Dampener—Controlled by the Selector, the comfort dampener, a Kelvinator development, permits outside air to be brought to the conditioner, filtered, and circulated throughout the house at the almost negligible cost of fan operation. In summer, through the introduction of cool night-air and the discharge of warm vitiated air, it reduces the mechanical cooling load and cuts operating costs. During the entire year it is available for purging of the house whenever outside air is required.



The comfort dampener takes full advantage of the coolness of night air.