PLAINTIFF'S EXHIBIT

ASI-1005

SUNBEAM

WINTER AIR CONDITIONER

Gas fired



MOHAWK

It's new
It's modern
It's efficient

AMERICAN RADIATOR & Standard Sanitary
New York CORPORATION Pittsburgh

04156

CONSTRUCTION FEATURES
of the
"MOHAWK"
[K-180]

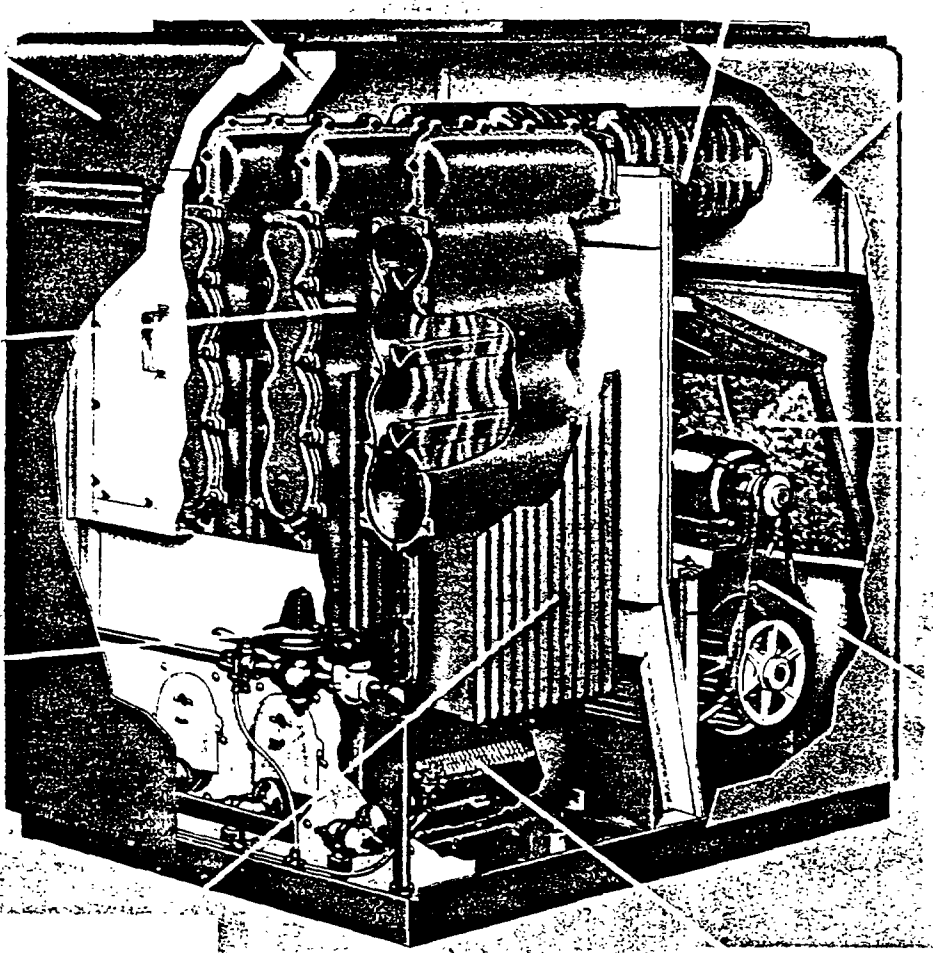
COOL JACKET. Inner lining keeps jacket cool, prevents heat loss and brings circulating air into intimate contact with heating surfaces.

PRE-HEATED AIR. Prior to ... Element, the return air ... these hot radiators. T... *before* it enters the Heating ... ing fuel, increasing efficienc...

SMARTLY STYLED. The handsome, streamlined jacket is made of durable steel and finished in beautiful Placid Two-Tone Blue with suede texture.

RUGGED HEATING ELEMENT Made in two sections of durable cast iron. The faces of both sections are precision ground and packed with asbestos wicking to form a leak-proof joint.

HIGHEST QUALITY CONTROLS. In the several control combinations which are available, the individual instruments are considered the finest available.



REDUCES HEAT LOSS. Corrugated Shield cuts heat loss into basement. Increases efficiency by providing extra heating surface. Placed between each Heating Element and on sides of end Elements.

EFFICIENT BURNER. Made of ... ented high temperature alloy. ... Burns natural, manufactured ... gas uniformly, efficiently and ... dependable, durable.

The New **"MOHAWK"** This handsome new member of the famous Sunbeam family possesses a host of superior features—all perfectly coordinated for fuel-saving efficiency, trouble-free service and long life.

Modest in cost, the Mohawk provides completely automatic Gas-Fired Winter Air-Conditioning in small, medium or large homes, thanks to its nine sizes, with capacities ranging from 60,000 to 300,000 Btu input per hour. Its special ribbon-type Burner assures a satin-smooth, uniform flame that is both economical and efficient.

The beautiful, streamlined jacket is finished in Placid Two-Tone Blue with suede texture. It blends and harmonizes with the smartest basement furnishings and decorations. All controls, pipes and wires are concealed within the jacket, yet are available in an instant through the removable front door.

Inside and out, the Mohawk is a quality Unit. Look for this nameplate on all models—

SUNBEAM

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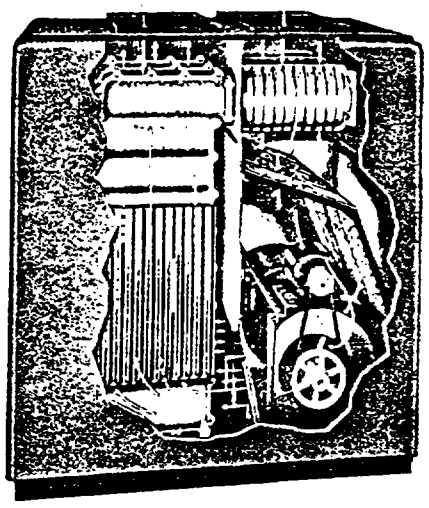
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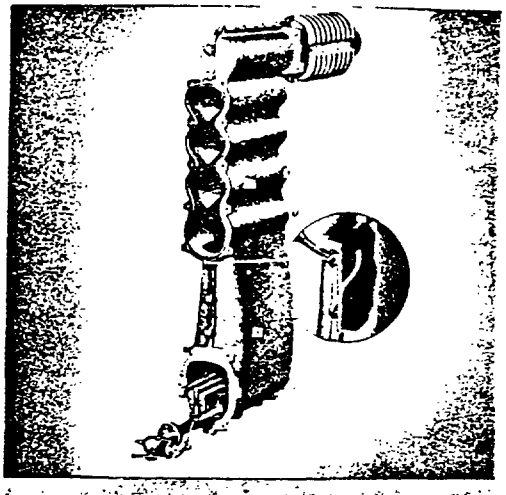
PRE-HEATED AIR provides EXTRA EFFICIENCY



Lower fuel consumption and extra efficiency are achieved in the Mohawk, because the return air from the living quarters is pre-heated *before* it enters the Heating Compartment. Here's how this is accomplished: Finned radiators in some sizes and cast iron collars in others are placed in the return air compartment. These radiators or collars are warmed by the hot gases on their way to the flue. The return air from the rooms passes over these radiators or collars and receives a preliminary heating. It is then filtered, and enters the heating compartment. Here the air is heated to a higher temperature much faster and more efficiently than if it had not been pre-heated. Arrows in the illustration at right show the air travel within the jacket.

(Finned radiators are furnished on following sizes only: K-60, K-120, K-180, K-240 and K-300. All other sizes have cast iron collars. K-80 has the flue outlet through the top of the unit, at the front.)

CAST IRON HEATING ELEMENT

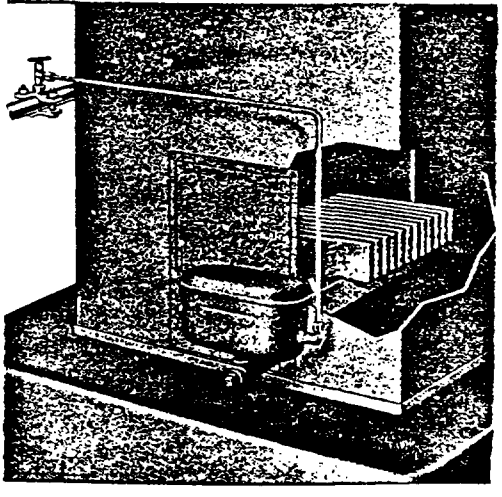


The Heating Element of Mohawk Gas-Fired Winter Air Conditioning Units is scientifically proportioned and built of rugged, durable cast iron. Each Element consists of two sections. No cement or putty is used in the assembly. The faces of each section are surface ground and are bolted together at close intervals to form a tight, metal-to-metal joint. An asbestos wick gasket is inserted in grooves. As shown in the illustration opposite, it further insures a permanently leak-proof union.

Baffles placed horizontally above the burner, help get all the good out of the hot gases before they pass to the flue. As hot gases rise, the special design of the baffles forces them against the sides of the Heating Element causing them to impinge uniformly and heat the entire surface.

AUTOMATIC FLOAT TYPE HUMIDIFIER

(Optional at Extra Cost)



This humidifier comes complete with all parts necessary for installation in the plenum chamber of Sunbeam Winter Air Conditioners.

A series of ceramic plates set in the pan increase the evaporating surface and efficiency and distinguish this humidifier from ordinary types. The ceramic plates are of the highest quality, large pored and well spaced to assure positive evaporation. The evaporator pan and the ceramic plate holder are porcelain enameled inside and out to guard against oxidization and assure easy cleaning.

Each size pan is supplied with a certain number of ceramic plates as standard equipment, but is so designed that more plates may be added at a slight additional cost should the owner desire more humidity.

This humidifier is absolutely quiet in operation and very efficient, because the float control regulates the amount of water in the evaporating pan

NOTE Plenum chamber not furnished with Humidifier or Conditioner.

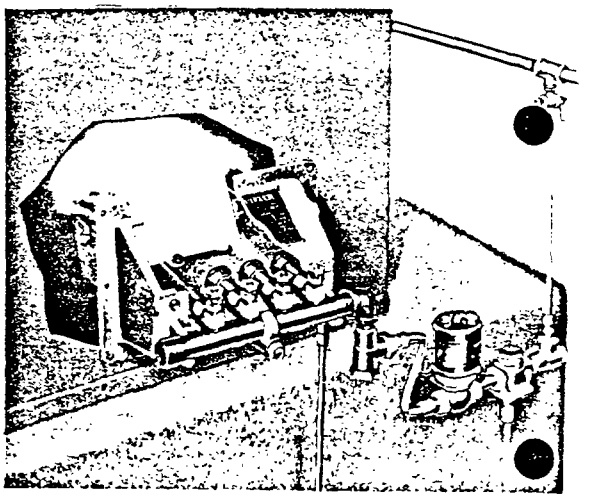
AUTOMATIC SPRAY TYPE HUMIDIFIER

(Optional at Extra Cost)

This type of spray humidifier is designed for installation in the plenum chamber of Sunbeam Winter Air Conditioners and is automatically controlled by a room humidistat. It operates on the principle of breaking up the water into a fine spray and thus making it easier for the air to absorb the moisture. The amount of water atomized can be adjusted to the air's ability to absorb moisture—and thus prevent condensation in the plenum chamber—by changing the position of the atomizing plate.

The spray humidifier is equipped with four nozzles. If one nozzle clogs it is turned off and the next one turned on until all are clogged. All four nozzles are cleaned at one time—a simple operation requiring only a few minutes. Cleaning is necessary only a few times during a season.

NOTE: Plenum chamber not furnished with Humidifier or Conditioner.



CONTROL EQUIPMENT

Temperature Control Equipment, for any degree of regulation that may be desired by any home owner, is available with Sunbeam Winter Air Conditioning Units. Control combinations are provided which give control of temperature from one central point in a home, or from several different rooms.

The individual instruments, which are included in the various combinations, are generally considered the finest available. The proper combination of controls for each and every temperature regulation requirement is listed in the current Trade Price List for Sunbeam Winter Air Conditioning Units.

RATINGS AND SPECIFICATIONS

Number	A. G. A. Btu Input per Hr.	Btu Capacity at Reg. (Manuf.)	Air Volume CFM Range[x]	No. of Burners	No. of Sections	Gas Supply Tapping	Diameter Flue Outlet	[xx] Approx. Distance from floor to center of Draft Hood outlet
K-60	60,000	43,200	400---750	1	1	½"	4"	56"
K-80	80,000	57,600	550---1000	2	2	½"	5"	58"
K-100	100,000	72,000	600---1100	2	2	½"*	6"	49¾"
K-120	120,000	86,400	750---1500	2	2	¾"	6"	49¾"
K-150	150,000	108,000	1000---1900	3	3	¾"**	7"	49¼"
K-180	180,000	129,600	1100---2100	3	3	¾"**	7"	49¼"
K-200	200,000	144,000	1250---2300	4	4	1"	8"	48¾"
K-240	240,000	172,800	1500---2900	4	4	1"***	8"	48¾"
K-300	300,000	216,000	1900---3200	5	5	1"***	9"	54½"

[x] Available air volume in ample size ducts.
[xx] K-60, K-80 and K-300 have top outlets on Draft Hood. Figure refers to distance from floor to top of outlet. K-80 has flue outlet through top of unit at front.
*¾" for manufactured gas.
**1" for manufactured gas.
***1¼" for manufactured gas.

DIMENSIONS AND BLOWER—MOTOR—FILTER SPECIFICATIONS

Number	Width	Depth	Height	Air Discharge* Opening	Air Intake* Opening	No. of Blowers and Size	Motor HP	No. of Filters and Size
K-60	21"	44⅝"	55¾"	14"x14"	12"x14"	1- 9"	1/6	2-(10"x20")
K-80	27"	51⅛"	55¾"	14"x22"	12"x22"	1-10½"	¼	2-(16"x25")
K-100	27"	51⅛"	55¾"	14"x22"	12"x22"	1-10½"	¼	2-(16"x25")
K-120	27"	51⅛"	55¾"	14"x22"	12"x22"	1-12"	⅓	2-(16"x25")
K-150	41¼"	51⅛"	55¾"	14"x36"	14"x36"	2-10½"	⅓	4-(16"x20")
K-180	41¼"	51⅛"	55¾"	14"x36"	14"x36"	2-10½"	½	4-(16"x20")
K-200	50"	51⅛"	55¾"	14"x44"	14"x44"	2-10½"	½	4-(16"x25")
K-240	50"	51⅛"	55¾"	14"x44"	14"x44"	2-12"	½	4-(16"x25")
K-300	60"	51⅛"	55¾"	14"x52"	14"x52"	2-12"	¾	6-(16"x20")

*First figure gives depth. Second figure gives width of opening.

Form No. AC 30 100M 4-41

Litho in U. S. A.