

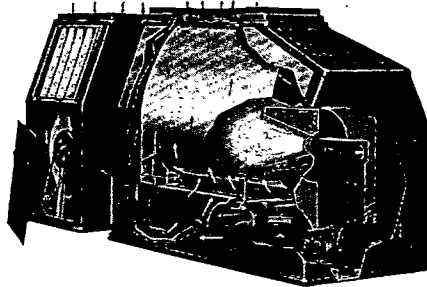
Gar Wood Industries, Inc.

AIR CONDITIONING DIVISION

7924 Riopelle Street *Gar Wood* Detroit, Mich.

Licensed Distributors in All Principal Cities

TEMPERED-AIRE UNIT

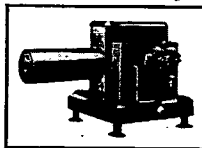


Tempered-Aire heating and air conditioning equipment includes filters, blower, humidifier, furnace (with "Economizer") and integral oil burner of pressure atomizing type. Cloth filters can be easily laundered. All units can be equipped with a water heating coil for use in winter. The installation of an auxiliary duct for intake of outside and basement air in summer is desirable. Air can then be drawn from the basement during the day and from the outside at night to provide ventilation and cooling during warm weather. Change from basement air to night air may be manually or automatically controlled.

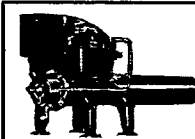
Ratings and Dimensions	No. 102-A	No. 102	No. 103	No. 104	No. 105	No. 105-C
Btu 1 Hour at Bonnet	120,000	120,000	165,000	225,000	300,000	400,000
Btu 1 Hour at Grilles	100,000	100,000	135,000	185,000	245,000	320,000
Air Delivery, CFM	1000 to 1575	1000 to 1575	1375 to 2150	1875 to 2950	2500 to 3925	3000 to 4500
Heating Surface, Firebox, Sq Ft.	30	30	33	44	55	65
Heating Surface, Economizer, Sq Ft.	60	60	99	132	165	220
Total Heating Surface	90	90	132	176	220	280
Filter Area Sq Ft.	24	34	43	60	77	100
Motor Horse Power—Burner	1/6	1/6	1/6	1/6	1/4	1/4
Motor Horse Power—Blower	1/4	1/4	1/3	1/2	3/4	1
Current Consumption—Burner	250W	250W	250W	250W	325W	325W
Current Consumption—Blower	250W	250W	330W	500W	750W	1000W
Overall Length, Inches	92 1/4	96 1/4	117 1/4	140 1/4	156 1/4	156 1/4
Overall Width, Inches	38 1/8	40	40	40	40	40

CONVERSION OIL BURNERS—

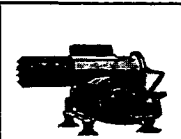
Provide automatic oil burning equipment for coal-fired heating plants. Pressure atomizing type, handle heavy, low grade fuel oil. Sturdy, noiseless, easily accessible. Fit any furnace or boiler regardless of shape.



Model "W"
418-2500 sq. ft. net
steam radiation.



Model "K"
412-2400 sq. ft. net
steam radiation.



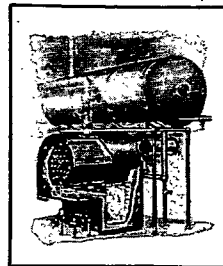
Model "H"
Up to 625 sq. ft. net
steam radiation.

MODEL "Q" AUTOMATIC OIL-FIRED WATER HEATER—

Provides quick, convenient, inexpensive and unlimited supply of domestic hot water for industrial and commercial buildings. Complete, quiet. Burns low-priced No. 3 fuel oil.

Capacities and Dimensions

Two sizes, 200 and 300 gal capacity. 100° F rise per hour.
Overall height 48 in.
Overall width 28 1/4 in.
Length 49 in. and 61 in. respectively.

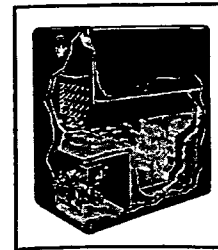


MODEL "R" BOILER-BURNER UNIT

A compact, fire-tubular steam or hot water heating boiler, with an integral oil burner.

Boiler built of heavy rust-resisting boiler plate, electrically welded. The combustion chamber walls are carried clear to the crown sheet. The result is a considerably higher temperature of fire than is found in the conventional boiler, and better combustion of No. 3 oil.

Since there are no water legs, the bulk of the heating surface is concentrated in the firetubes, or secondary heating surface, resulting in maximum extraction of heat from the hot gas which leaves the firebox and consequent low stack temperature, high efficiency and operating economy.



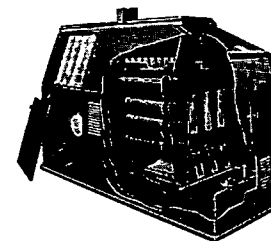
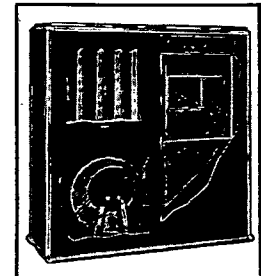
Ratings and Dimensions	R475	R750	R1000	R1400	R1800
Maximum Net Steam Load, Sq Ft.	475	750	1000	1400	1800
Maximum Net Hot Water Load, Sq Ft.	760	1200	1600	2240	2880
Maximum Gross Steam Load, Sq Ft.	712	1125	1500	2100	2700
Maximum Gross Hot Water Load, Sq Ft.	1140	1800	2400	3360	4320
Heating Surface, Sq Ft.	52	68	84	118	154
Overall Width, Inches	30 1/2	30 1/2	37 1/2	37 1/2	37 1/2
Overall Length, Inches	53	65	59 1/4	66	80

INDIRECT AIR CONDITIONING CABINET

Combined with "R" boilers, it provides heating, humidifying, filtering and circulation of air.

The air drawn by blower is first cleaned by dry cloth filters, then forced through the humidifying chamber, where proper amount of healthful moisture is added by passing through a warm vapor mist, regulated by a room humidistat. The air is then warmed to correct temperature by passage through the copper blast heater. Standard units, in capacities from—

111,000—497,000 Btu Hour at bonnet
89,000—397,000 Btu Hour at grilles



RATINGS AND DIMENSIONS

	No. 90	No. 120
ACA Input, Btu per hour	135,000	180,000
ACA Output, Btu per hour	101,250	135,000
Grille Delivery Btu per hour	90,000	120,000
Air Delivery CFM	900-1425	1200-1900
Filter Surface Sq Ft.	34	34
Blower Motor Size	1/2 hp	1/4 hp
Blower Motor Current Consump.	250 Watts	250 Watts
Overall Length, Inches	96 1/2	96 1/2
Overall Width, Inches	40	40

GAS-FIRED TEMPERED-AIRE

Built in a single compact unit it accomplishes the various functions of air conditioning in an efficient manner. Filtering, ventilating, humidifying and cooling in summer functions are similar to the oil-fired Tempered-Aire.

Heating is automatic, clean and odorless. The gas valve is controlled by a thermostat. The furnace is made of heavy gage copper-bearing steel welded into a single unit. Corrugations and ribbings give the heating surface more than double the area of a flat surface of equal outside dimensions.