

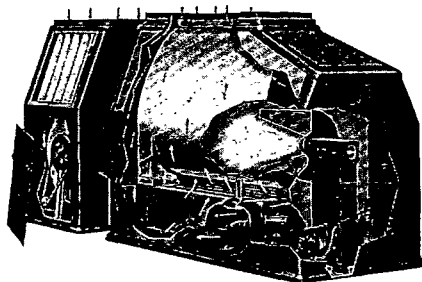
Gar Wood Industries, Inc.

AIR CONDITIONING DIVISION

Gar Wood

7924 Riopelle St., Detroit, Mich.

Licensed Distributors in All Principal Cities



TEMPERED-AIRE UNIT

The Tempered-Aire heating and air-conditioning equipment made in five (5) capacities, consists of filters, blower, burner, humidifier, and oil furnace engineered into one compact, coordinated system.

Clean, humidified, warmed air is delivered from the unit to the duct system and then uniformly distributed to all parts of the building.

Air is cleaned by dry cloth filters and circulated by a multiple-blade blower fan. The heating unit is a down-draft, warm-air furnace equip-

ped with an integral pressure atomizing type oil burner. The humidifier, located at the top of the unit, is designed integrally with the furnace.

Tempered-Aire Ratings and Dimensions	No. 102	No. 102A	No. 103	No. 104	No. 105	No. 105C
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	300,000
Air Delivery, CFM.....	1000-1575	1000-1575	1375-2150	1875-2950	2500-3925	3000-4500
Air Temperature at Bonnet.....	175°-135°	175°-135°	175°-135°	175°-135°	175°-135°	185°-145°
Oil Rate, Gallons 1 hour.....	1.20	1.20	1.65	2.25	3.00	4.00
Heating Surface, Firebox, sq. ft.....	30	30	33	44	55	55
Heating Surface, Economizer, sq. ft.....	60	60	99	132	165	165
Total Heating Surface, sq. ft.....	90	90	132	176	220	220
Filter Area, sq. ft.....	24	34	43	60	77	77
Motor Horse Power—Burner.....	1/6	1/6	1/6	1/6	1/6	1/4
Motor Horse Power—Blower.....	1/5	1/5	1/3	1/2	3/4	1
Overall Length, Inches.....	96 3/4	92 1/4	117 3/4	140 1/4	156 1/4	156 1/4
Overall Width, Inches.....	40 1/4	38 1/4	38	38	38	38

MODEL EW UNIT

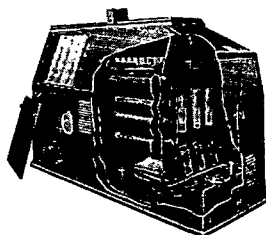


A complete winter air conditioning unit for moderate cost homes. It comes in one (1) size, with pressure atomizing type oil burner, refractory combustion chamber, star shaped transfer chamber, washable cloth filters, multivane blower and humidifier.

RATINGS AND DIMENSIONS MODEL EW

Btu 1 hour at Bonnet.....	100,000
Btu 1 hour at Grilles.....	80,000
Air Delivery CFM.....	800-1200
Air Temp. at Bonnet.....	175 - 135
Oil Rate Gal per hour.....	1.00
Heating Surface Firebox.....	5.5 Sq Ft
Heating Surface Trans. Chamber, 74.5 Sq Ft	
Heating Surface Total.....	80 Sq Ft
Filter Area.....	25.5 Sq Ft
Min. Width Door to admit unit.....	29 in.

GAS FIRED TEMPERED-AIRE



Built in a single unit, it provides air filtering, blower circulation, humidifying and heating.

Furnace is made of heavy gauge cop-

per bearing steel. Thermostatically operated. Safety controls give full protection. Approved by Amer. Gas Assoc.

	No. 90	No. 120
AGA Input, Btu per hour.....	135,000	180,000
AGA 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.....	1/5 hp	1/5hp
Blower Motor Current Consump.....	250 Watts	250 Watts
Overall Length, Inches.....	96 3/4	96 3/4
Overall Width, Inches.....	40	40

MODEL "R" BOILER-BURNER UNIT



A compact firetube 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.

Burner Model	R500 H	R750 H	R1000 D	R1400 D	R1800 D
Firing Rate—Gal per Hour.....	1.65	2.50	3.25	4.50	6.00
Maximum Net Steam Load—Sq Ft.....	500	750	1000	1400	1800
Maximum Net Hot Water Load—Sq Ft.....	800	1200	1600	2240	2880
Maximum Gross Steam Load—Sq Ft.....	750	1125	1500	2100	2700
Maximum Gross Hot Water Load—Sq Ft.....	1200	1800	2400	3360	4320
Heating Surface—Sq Ft.....	52	68	84	118	154
Overall width—Jacket.....	30 3/4	30 3/4	37 3/4	37 3/4	37 3/4
Overall Length—Jacket.....	53	65	59 1/4	66	80

VENTILATOR



A silent operating ventilator—attic or commercial use. Ventilator consists of belt-driven propeller

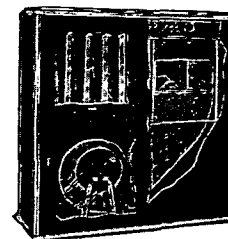
type fan; electric motor with overload protection; metal housing; automatic shutter; insect screen; canvas connection and clamps; suspension springs.

8 Sizes: 20 in. to 60 in. CFM: 3500 to 30,000.

INDIRECT AIR CONDITIONING EQUIPMENT

Made in eight (8) sizes. Consists of a compact cabinet unit containing cloth air filter and vapor mist filter, blower, humidifying chamber, and indirect, blast heater.

While designed particularly for use with Gar Wood Boiler-Burner Units (steam, vapor, or hot water), the air conditioning unit may be used effectively with any adequate existing plant.

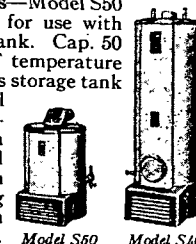


OIL-FIRED WATER HEATERS

Commercial Type—An attractive, quiet operating balanced unit, in 2 sizes. Burns No. 3 fuel oil. Fully automatic. Separate tank.

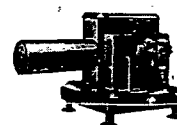
Capacities: 200 and 300 gal per hour 100 F temperature rise. Overall widths: 28 1/4 in.; lengths: 49 in.—61 in.

Domestic Types—Model S50 —coil type heater for use with separate storage tank. Cap. 50 gal per hour 100 F temperature rise. Model S40 has storage tank integral. Cap. 40 gal per hour 100 F temperature rise. Both types have vertical rotary burner with only one moving part and for use with No. 2 or lighter oil.

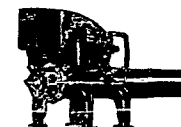


CONVERSION OIL BURNERS

Highly efficient for installation in existing heating plants. Pressure atomizing type. Simple in design. Handle No. 3 fuel oil. Sturdy, quite, easily accessible. Fit any shape of firebox.



Model "W"
412-2500 sq ft net
steam radiation.



Model "K"
412-2500 sq ft net
steam radiation.



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