

General Electric Company

AIR CONDITIONING PRODUCTS

Air Conditioning Department,



570 Lexington Ave., New York, N. Y.

For Steam, Hot Water, Vapor, or Warm Air Heating Systems, a complete line of Air Conditioning Equipment:

The G-E Oil Furnace (2 sizes) Type LA4 and LA5—See Page 666.

The G-E Winter Air Conditioner for Warm Air Systems (Type AA3)

—This Air Conditioner, combined with the G-E Oil Furnace, provides all the four functions of winter air conditioning—heating, humidifying, filtering and circulation. A fan draws air from the return duct system through dry steel-wool filters, delivering it over the steam heating surface and humidifying screens, to the delivery duct system. Humidifying water is heated by an indirect heating coil, flow being controlled by a magnet valve operated from a Humidistat. Cooling coils for summer air conditioning optional.

Specifications

Output—130,000 B.t.u. per hour.

Power Input—260 watts at full load.

Humidifying Capacity—1.5 gal. per hour maximum.

Blower—Multi-vane, maximum delivery, 1600 c.f.m.

Heating Surface—2½ in.

tappings for supply and return, 15 lbs. maximum operating pressure.

The G-E Winter Air Conditioner for Radiator Systems (Type AC1)

The Type AC1 air conditioner combines means for humidifying, filtering and circulating. It is mounted in the floor, either operating as an open system, or with return duct. Hot water for humidification is supplied from an indirect water heater connected to the heating boiler. Air is admitted through filters located on each side, discharging over the humidifying screens and finally through the delivery grille into

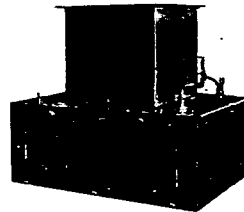
the room. Control of humidification is obtained by means of a magnet valve operated by a humidistat.

Specifications

Fan—400 c.f.m.

Humidifying Capacity—1¼ gallons per hour.

Power Input—45 watts.



The G-E Room Air Conditioner

The G-E Room Air Conditioner (2 sizes) provides complete year round conditioning—heating, humidifying, filtering, ventilating and circulating in winter—and cooling, dehumidifying, filtering, ventilating and circulating in summer. The heating surface is used with existing steam system. Automatic control of temperature is by means of a thermostatic inlet valve.

Ventilation is controlled by means of a damper in the outdoor air duct, and circulation is controlled by varying the speed of the blower motor. Humidifying is controlled by means of a switch. On the small size, the condensing unit for cooling may be mounted either integral or remote, while on the large size, the condensing unit is always mounted remote.

Specifications

Type	AD1	AD2
Ventilation.....	0-200 c.f.m.	0-200 c.f.m.
Recirculation.....	200-400 c.f.m.	400-600 c.f.m.
Heating Capacity—		
Low Speed.....	7900 B.t.u.	9200 B.t.u.
Medium Speed.....	12200 B.t.u.	16000 B.t.u.
High Speed.....	16800 B.t.u.	22000 B.t.u.
Cooling Capacity—		
Nominal Maximum.....	8500 B.t.u.	14000 B.t.u.
Humidifying Capacity.....	1.2 lbs. per Hr.	1.2 lbs. per Hr.



THE MEYER FURNACE COMPANY

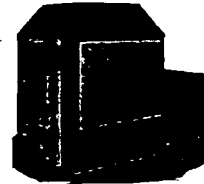


PEORIA, ILLINOIS

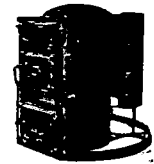
Manufacturers of Domestic Heating and Air Conditioning Units for Coal, Gas and Oil Burning

Branches and Distributors

KANSAS CITY, MO.
OMAHA, NEB.
GREEN BAY, WIS.
PITTSBURGH, PA.
NEW ORLEANS, LA.
DETROIT, MICH.
ST. LOUIS, MO.
SAN FRANCISCO, CALIF.

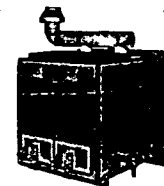


The WEIR Conditioned-Air Unit for coal or oil burning, built around the famous Weir Steel Furnace, is, as its name implies, a complete outfit for conditioning the air in the home during the heating season with respect to temperature, humidity, air-cleansing and positive circulation. Casing of insulated asbestos composition with pleasing red finish. Equipment includes automatic humidifier (which may be provided with room control if desired), renewable filters, centrifugal blower and fully automatic damper and blower controls. (Refer to table below for data on gravity as well as mechanical installations.)

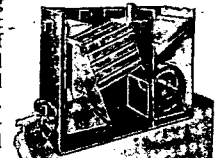


The WEIR Furnace

No.	Grate Surface (Sq. Ft.)	Ratio Htg. to Grate Surface	Smoke Outlet Diam. (In.)	Gravity Circulation				Fan Circulation		
				Casing Dimen.		Rated Output		Casing Dimen. (In.)	Air Delivery (C.F.M.)	Rated Output at register (Btu/Hr.)
				Round (In.)	Rect'lar (In.)	At Reg. (Btu/Hr.)	Pipe Area (Sq. In.)			
621	1.26	41.2	9	48		54,400	400			
624	1.78	33.9	10	52	47x50	73,600	541	47x90	1200	92,000
628	2.32	29.2	10	54	50x52	94,100	692	50x99	1600	118,000
630	3.08	26.4	10	58	54x56	119,000	875	54x103	2000	148,000
633	3.82	22.7	10	65	56x64	138,000	1015	56x110	2300	172,000
636	4.74	19.4	10	67	56x66	160,000	1180	56x118	2700	200,000
540	6.25	19.3	12					60x106	4000	264,000
544	7.60	18.5	12					64x114	5000	316,000



The MEYER Gas Fired Air Conditioner automatically provides completely conditioned air for the heating season. It is as attractive in appearance as it is compact and efficient. Heating section of special heavy gauge welded steel, gas- and fume-tight construction; casing of insulated asbestos composition with pleasing red finish. Equipment includes specially designed automatic humidifier (which may be provided with room control if desired), renewable filters, centrifugal blower and fully automatic controls. Manufactured or natural gas.



Data on refrigerating equipment for summer cooling, to be used in conjunction with any of the mechanically-circulating systems described, will be supplied upon request.

No.	Output at Bonnet (Btu/Hr.)	Input at Burner (Btu/Hr.)	Vent Diam. (In.)	Dimensions			Air Delivery 1/4" S.P. (C.F.M.)	Motor Size (HP.)
				W. (In.)	L. (In.)	H. (In.)		

MEYER Gas-Fired Air Conditioner

1-B	72,500	90,000	4	20	53	42	1000	1/6
1½-B	108,000	135,000	5	27	60	44	1500	1/4
2-B	145,000	180,000	7	40	53	42	2000	1/3
3-B	217,500	270,000	8	60	53	42	3000	1/2
4-B	290,000	360,000	9	80	53	42	4000	3/4
5-B	362,500	450,000	10	100	53	42	5000	3/4

MEYER Gravity Gas Furnace

C-100	80,000	100,000	5	38	38	60	The MEYER Gravity Gas Furnace
C-120	96,000	120,000	6	42	42	67	
C-150	120,000	150,000	6	42	42	67	

Designed for high efficiency and resultant fuel economy with gravity circulation. Heating section of all-steel, welded construction with unusually large vertical heating surface. Casing same as on Air Conditioner. Complete with automatic controls. Manufactured or natural gas. Priced for the pocketbook of the average home.

