

HOME AIR CONDITIONING . . . *by*

Luxaire

GETTING THE MOST FROM YOUR HEATING DOLLARS WITH *Luxaire* HEATING EQUIPMENT

No part of the home equipment contributes so much to the health, comfort and enjoyment of your family as the heating system.

Whether you want Gas, Oil or Coal—Gravity, Forced Air or a panel heating installation, remember that complete heating satisfaction depends on the care with which you select your heating equipment—so don't compromise with quality in your choice.

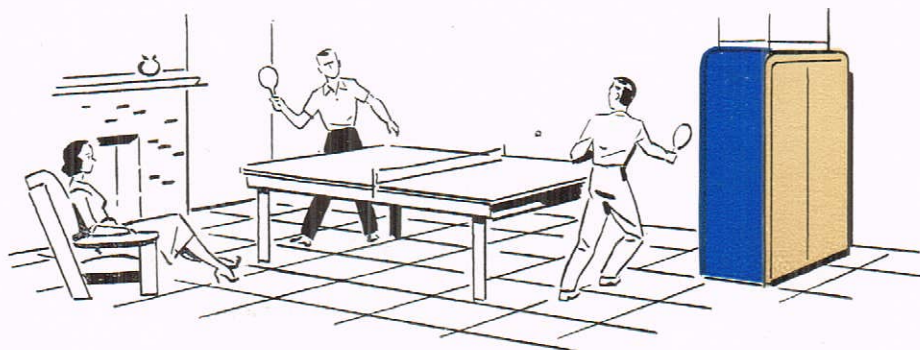
Luxaire heating equipment is designed to bring you the utmost in comfort, convenience and pleasant living.

Luxaire heating equipment is completely modern in design and construction.

Luxaire heating equipment is economical to own and to operate.

These are the reasons why Luxaire heating equipment is taking "top-billing" with home owners and heating contractors—everywhere. These are the reasons why you should install a Luxaire in your home for lasting satisfaction.

So—before you complete your plans, read about the Luxaire units on the following pages. Then—check with your heating contractor. With the help of this book, you and he can collaborate in the selection of the proper heating equipment for your home. Or, mail us the coupon on the back cover.

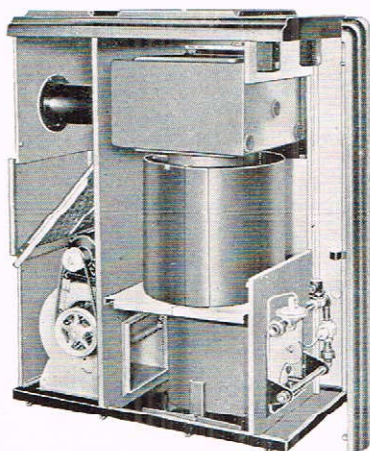


Luxaire

GAS FIRED AIR CONDITIONING UNIT

Enjoy the convenience of automatic, ideal heating by simply setting your room thermostat to your "comfort-zone." Then let this Luxaire Gas Fired Air Conditioning Unit "take-over" for the rest of the winter.

This beautiful piece of equipment is a Luxaire creation of a modern heating plant—and the beauty is not merely "skin deep." Just take a look inside the cabinet walls. See the long-lived, efficient, heat-producing elements—you have your choice of either steel or cast iron. Also notice the large air handling equipment that silently sends a gentle flow of soft, warmed, humidified air into your home. Note particularly the filters which eliminate dirt and dust from the circulating air.



Interior view of unit with steel heating element.

Luxaire Gas Fired units are equipped with Luxaire's silently operating multi-port, ribbon-type gas burners for burning natural, manufactured and all types of mixed gases. Everything is enclosed inside the easy-to-keep-clean baked enamel cabinet. Luxaire units with a B.T.U. input range of 70,000 to 200,000 are built in sizes for practically any heating installation. They bear the American Gas Association's seal of approval.

Luxaire Gas Fired Utility Air Conditioning Unit

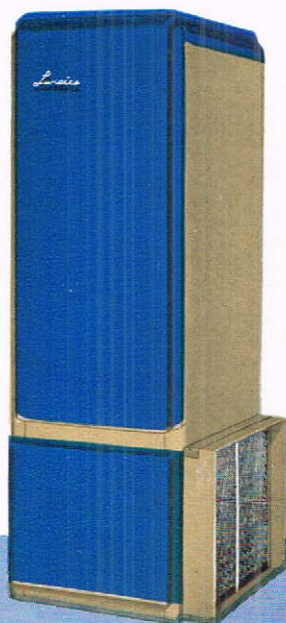
Now—if you're planning a basementless home, you can have all the benefits and satisfaction of automatic, economical gas-fired heating with this superbly designed, attractive, Luxaire Utility air conditioning unit.

This smart looking unit can be placed in a utility room, or in an alcove or a closet.

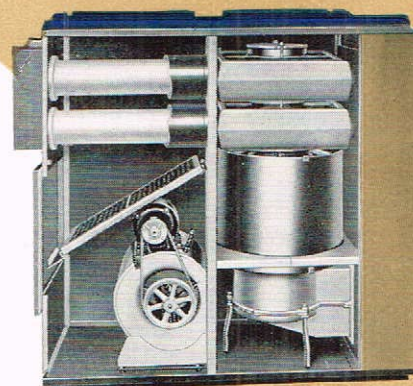
Where space is valuable and limited in your new basementless home, no better choice can be made than the Luxaire space saving Utility Air Conditioning Unit.

Luxaire utility units have all the quality-construction and automatic operating features of the basement air conditioning unit described above. And for convenience in installation, the return air may enter either side or the bottom of the unit.

Luxaire utility air conditioning units are built with both steel heating elements and with cast iron heating elements. They have a range of sizes from 65,000 to 125,000 B.T.U. input and are approved by the American Gas Association.



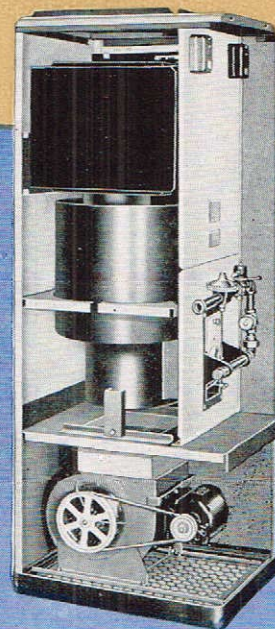
Front view of Utility Air Conditioning Unit with Filters installed at side of the cabinet.



Interior view of unit with Cast Iron heating element.



The attractive Air Conditioning Unit enhances any heating installation.



Interior view of unit with steel heating element. Shows controls and air handling equipment.

Luxaire Gas Fired Gravity Furnace

Automatic, economical Gas-Fired heating for the small home, so inexpensive, so satisfactory, is "all yours" when you install a Luxaire Gas-Fired Gravity Furnace.

You'll be amazed at the low installation cost and unbelievably low operating cost. You'll be surprised at the cleanliness of gas heat—how much easier it is to keep your home clean—how walls, drapes, curtains—in fact everything—stay cleaner—longer.

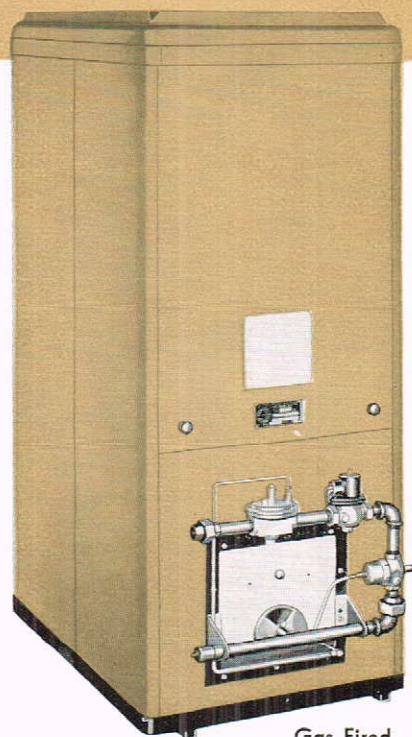
Luxaire Gas-Fired Gravity Furnaces are completely automatic—just light the pilot—set the room thermostat, and your winter heating chores are over.

Luxaire Gas-Fired Gravity Furnaces are built with either a steel heating element or a cast iron heating element, whichever you prefer, and also have the silently operating, Luxaire ribbon-type gas burner. Capacities range from 50,000 to 125,000 B.T.U. input. Approved by the American Gas Association.

Luxaire Oil Fired Gravity Furnace

If you prefer oil heating in your home, but economy in installation and economy in operation are vital factors in your budget, here's a Luxaire Oil-Fired Gravity Furnace, with Pressure Vaporizing Oil Burner, that has been designed to provide automatic heating at moderate expense.

Here's a good looking furnace with a



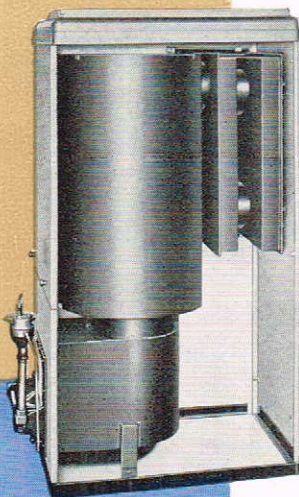
Gas Fired Gravity Furnace



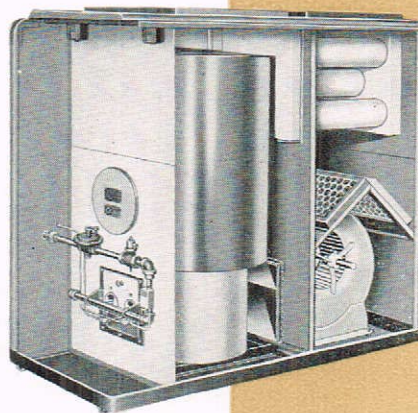
Oil Fired Gravity Furnace

ruggedly constructed steel heating element that is welded leak-proof so no fumes can get into your home—a unit that will give you complete, automatic heating satisfaction. Its compact design and construction means that little basement space is needed for installation.

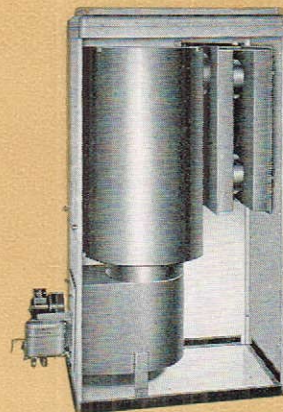
The Pressure Vaporizing Oil Burner is listed by Underwriters' Laboratories Inc. and is approved by Underwriters to burn No. 3 Fuel Oil as well as the lighter grades.



Interior view of Gravity Furnace with multi-port, ribbon-type gas burner.



Interior view of Gas Fired Air Conditioning Unit.



Interior view of Gravity Furnace with Pressure Vaporizing Oil Burner.

Luxaire OIL-FIRED AIR CONDITIONING UNIT WITH GUN TYPE OIL BURNER

This oil-fired unit is highly efficient in providing speedy, economical delivery of heat on those cold, zero days, keeping the warmed, healthful air in constant circulation. On hot summer days and nights the blower can be operated to keep the air in continuous circulation.

As with all Luxaire-engineered units, you can be assured of economical performance, long-lived operation and a minimum of maintenance and servicing costs.

Home cleaning and home maintenance are also reduced to a minimum, because Luxaire heating elements are made leak-proof and gas-tight by the new method of submerged arc welding. As in all Luxaire Air Conditioning Units, filters remove dust, pollen and impurities from the circulating air, and the Automatic Humidifier adds the moisture so necessary for healthfulness.

THE OIL BURNER

This new, revolutionary type Luxaire Oil Burner has many distinctive features, vastly important to economical heating, long life and trouble-free service.

This burner will provide efficient combustion with the heaviest types of domestic heating oils, which are generally lower in cost. It is so carefully aligned and delicately balanced that mechanical wear is reduced to a minimum. No burner designed to date is as easy to service as the Luxaire. Once installed, the air tube part of the burner need never be removed. The burner chassis, which contains all the moving parts, is attached to the front of the furnace in such a way that loosening 4 nuts, in the matter of a few minutes, releases the burner chassis for inspection or servicing.

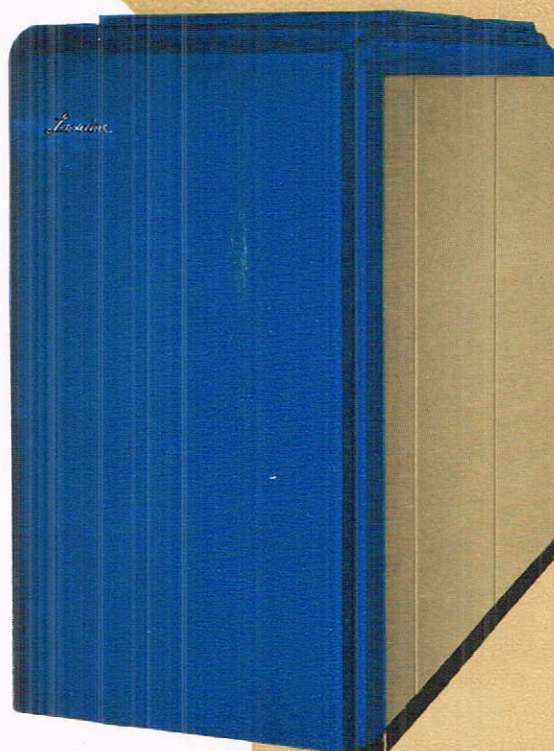
VIRTUALLY ALL *Luxaire* UNITS ARE DESIGN- ED for EITHER GAS or OIL FIRING

Most Luxaire Air Conditioning Units have been so ingeniously engineered that they are perfectly suitable for either gas or oil burning—and are equally efficient with either fuel.

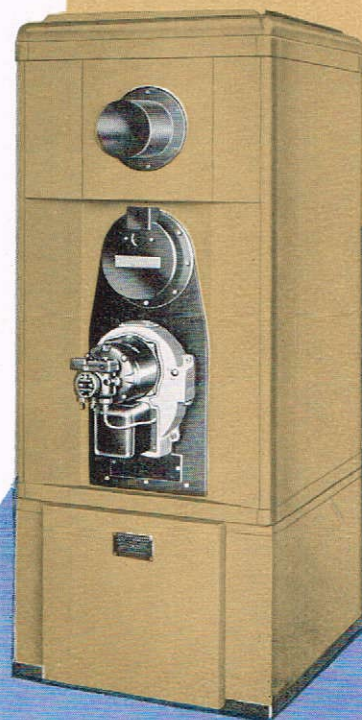
If you are undecided now which fuel you prefer to burn, you can have your Luxaire system installed now—air conditioning unit, ducts, registers and grilles—and finally before the arrival of cold weather make the decision whether to add the Luxaire Gas Burner or the Luxaire Oil burner to your system.

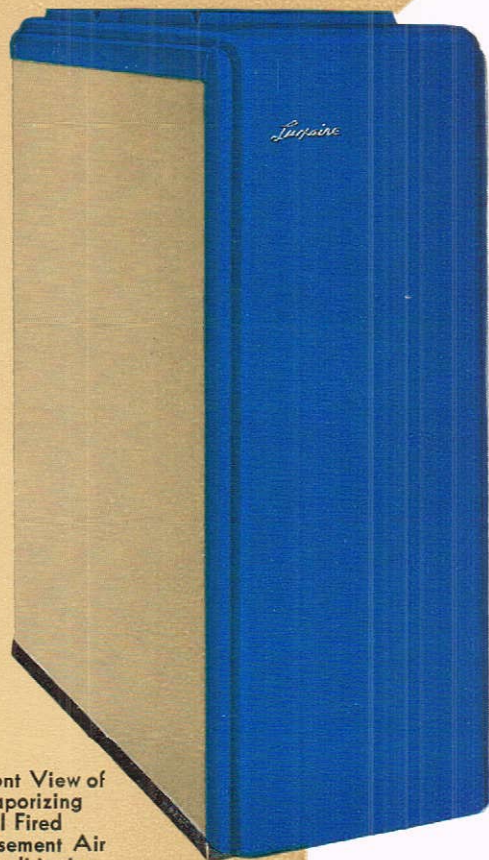
Or in later years, if you decide to change from Oil firing to Gas firing, or from Gas to Oil, you simply remove the one Luxaire burner and replace it with the other Luxaire, without sacrificing efficiency and at comparatively small cost.

Luxaire Gas Fired Units carry the Approval Seal of the American Gas Association. Luxaire Oil Burners carry the listing of Underwriter's Laboratories Inc.



Luxaire Oil-fired Gun type Air Conditioning Units are also available in the Utility model as illustrated below.





Front View of
Vaporizing
Oil Fired
Basement Air
Conditioning
Unit.

Luxaire VAPORIZING OIL FIRED AIR CONDITIONING UNIT

If the heating requirements of your new home are within the heating capacity of the Luxaire Vaporizing Oil Fired Air Conditioning Unit, you can enjoy carefree, automatic heating at a surprisingly low first cost and fuel cost.

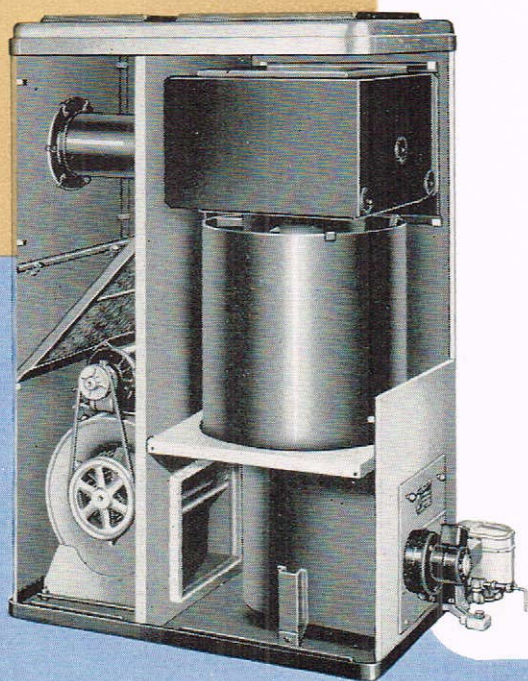
Inside of the attractive enamel cabinet is a heating element of heavy steel, electrically welded to form a leak proof unit, rugged and long lived. This heating element extracts all the heat possible from the oil burned.

BURNS No. 3 FUEL OIL

The Luxaire Pressure Vaporizing Oil Burner has been approved by Underwriter's Laboratories to burn the less expensive No. 3 Fuel Oil, as well as the lighter grades, saving you fuel dollars.

The burner is factory assembled and factory adjusted. It is readily installed in the unit and it is difficult to install it incorrectly. Like all Luxaire burners it is highly efficient. For inspection or servicing, the burner is speedily removed by loosening 4 screws and disconnecting the oil line—without disturbing or dismantling the furnace or cabinet.

Interior view of Vaporizing
Oil Fired Basement Air
Conditioning Unit.



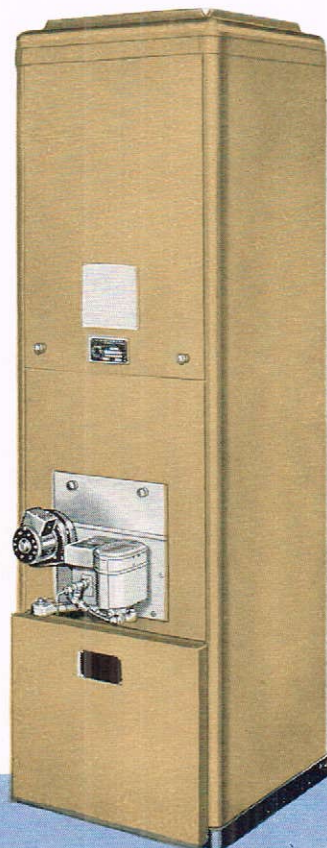
Luxaire Vaporizing Oil Fired Utility Air Conditioning Unit

If in your new home without a basement the heating plant will be placed in a utility room or closet, this Luxaire Utility Air Conditioning Unit will fit into your plans.

While it is compact so that it will require little of your valuable floor space, it will provide carefree, automatic heating, clean, filtered air, refreshing humidified air; and healthful ventilation.

The Utility unit has the same engineering features that are embodied in the basement air conditioning unit. You dust its smooth cabinet as you would any piece of furniture.

Front view of Vaporizing
Oil Fired Utility Air Con-
ditioning Unit.

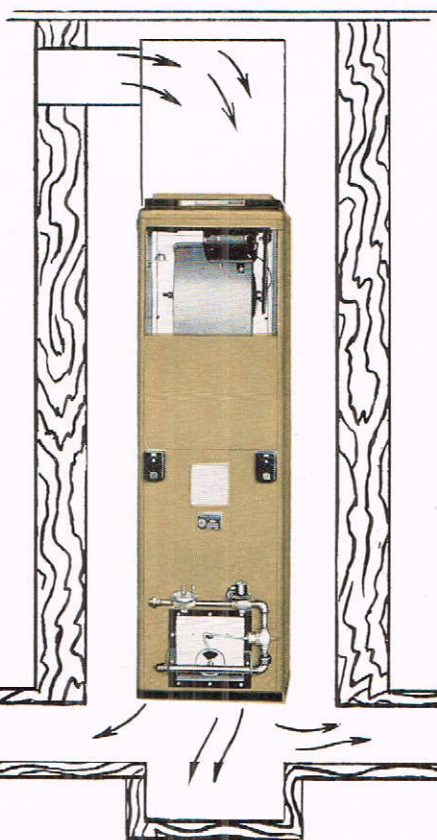


THE *Luxaire* COUNTERFLOW UNIT

The Luxaire Counterflow Unit has been designed for basementless homes, where it is desired to circulate the heated air in the concrete floor slab, or below it, so that some of the heat from the pipes or ducts will pass by radiation directly to the floor. Instead of the customary location of the air handling equipment in the bottom of the cabinet, the blower-fan is placed at the top, above the heating element, and the air is forced downward in a counterflow action.

Luxaire Counterflow units give you 3 choices of heating installations: You can have floor panel heating with the heat pipes imbedded in the concrete floor; or you can have these same imbedded pipes connected to wall or floor registers for warm air heating; or you can have the heat pipes installed in the crawl space under the floor and connected to wall or floor registers, thereby providing a circulation of the air throughout the home.

Luxaire Counterflow is a well-built, compactly constructed unit. The steel, baked enamel cabinet houses the rugged, welded steel heating element, that extracts heat so economically from the fuel being burned. Available either as a Gas unit or an Oil unit.



THE C. A. OLSEN MANUFACTURING COMPANY
ELYRIA, OHIO

Please have your nearest Luxaire dealer arrange to provide me with:

() additional information.

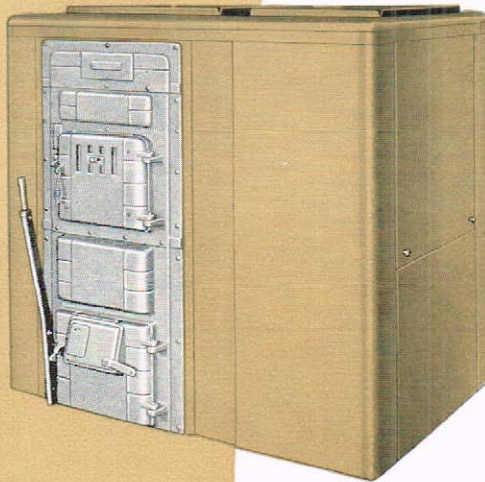
() a quotation on a Luxaire installation in my home.

Name

Address

City

State

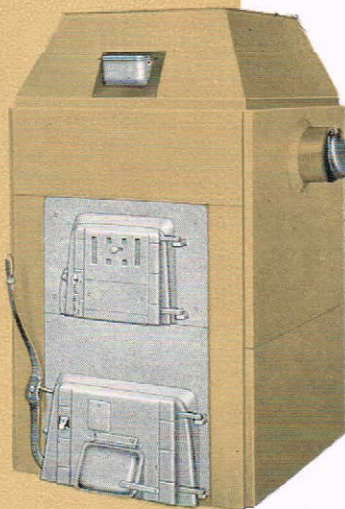


Steel Air Conditioning Unit.
Designed for Coal—Easily
Converted to Burn Oil and
Gas.

Luxaire "THREE-WAY" Steel Air Conditioning Unit

This popular air conditioning unit will provide thoroughly satisfactory heating with any of the three fuels—coal, gas or oil. Its large area of heat-radiating surface and the long travel of the hot gases, before they pass into the flue, make it surprisingly economical with any fuel. With it, you can convert at any time from one type of fuel to another without the expense of purchasing a new heating plant.

Besides heating, this "Three-Way" air conditioning provides air circulation, humidifies the air, and with its filters, eliminates dirt, dust and pollen.



Cast iron gravity furnace

Luxaire Coal Fired Gravity Furnaces—Cast Iron Heating Element

This efficient, economical, warm air furnace, burning coal, has been outstanding in the heating market for over 50 years.

Equipped with a large, one-piece radiator, a durable two-piece firepot, duplex roller-bearing grate, and a roomy dust-tight ashpit, this furnace has only four double-sealed joints inside the casing—a feature which minimizes the danger of dirt and fumes escaping into the warm air chamber.

Steel Heating Element

An efficient coal-fired furnace that will give long, trouble-free years of heating satisfaction—yet is surprisingly low in cost.

Combustion chamber and radiator are welded, gas-tight. Heavy, duplex dumping grates are standard equipment. Firepot is brick lined. Both Steel and Cast Iron Furnaces are available with the attractive square enameled casings as illustrated, and also with conventional round casings.



Steel gravity furnace

THE C. A. OLSEN MANUFACTURING COMPANY

Luxaire



ELYRIA, OHIO

HEATING & AIR CONDITIONING UNITS