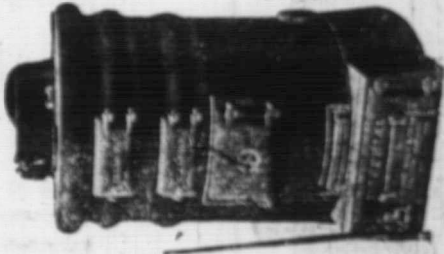


"Heaps" More Comfort in Having a Warm Cosy House



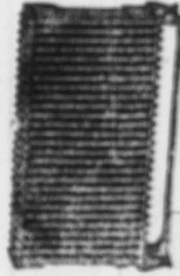
YOU really aren't ahead any in the long run by "freezing it out" winters with the old-fashioned heating apparatuses. Please your wife, make home so comfortable your boy or girl won't want to leave it, get more solid joy yourself these long winter nights by installing

Imperial Hot Water Boiler and Hydro-Thermic (Steel) Radiation

Imperial Boilers have all the advantages of the old boilers plus many new features, such as the **Overhanging Arched Fire Pot**, the improved fuel-saving **Clinker Door**, the single-cast, heavy, rigid **Ash Pit**, etc., etc. **Hydro-Thermic (Steel) Radiators** combine the strength, rigidity and ease of adjustment of the old-fashioned cast-iron radiators and in addition are light in weight, small in size. They are pressed from special rust-resisting steel alloy, have none of the twists and nipples found in the cast-iron radiators, therefore give **Free Waterways** and not only allow freer water circulation but require the use of two-thirds less water per square foot as compared with cast iron radiators.

Hydro-Thermic (Steel) Radiation therefore saves fuel bills and responds to damper regulation more promptly.

Owing to their extreme lightness these modern radiators save extra freight charges, costs for loading and handling, costs for placing, and can be suspended from the wall, allowing a clear floor for cleaning. Write today for booklet describing this modern, economical way of heating your home.

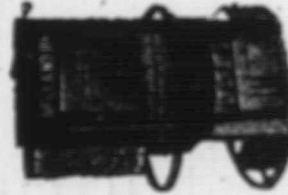


THE Famous "Hecla" Warm Air Furnace "Saves One Ton of Coal in Seven"

A furnace built on strictly scientific principles to give the most heat with the least waste and necessary attention.

Carefully note these points of superiority:

1. **Steel Ribbed Fire Pot**, gives three times more radiating surface than any other fire pot of same diameter, hence distributes more heat.
2. **Patent Fused Radiator Joints**, of iron and steel welded in one piece instead of "joined," thereby preventing gas and dust leakage through loosened joints.
3. **Independent Grate Bars**. Take out your ashes without disturbing live coals.
4. **Large Circular Water Pan**. Runs clear around "Hecla" furnace, sending moisture to every warm air pipe.
5. **Cast Iron Combustion Chamber**. Cannot burn through. Built in two pieces to insure against cracking.
6. **Large Door**. Takes coal easily. Air jets to burn coal gases.
7. **Burns Coal or Wood**. Extra grate supplied free.
8. **Coal Damper** prevents danger of gas explosions.
9. **Dust Damper**. Ash Dust is sent out the chimney, not through the house.
10. **Gas Ring for Natural Gas**. Can be supplied for every size "Hecla" Furnace.



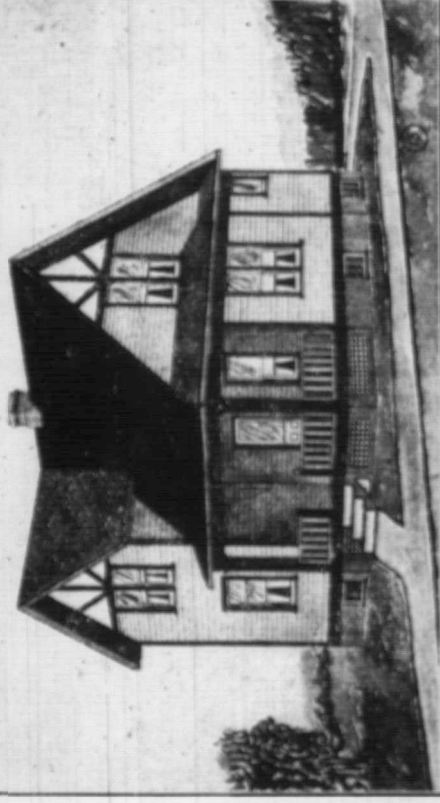
Send a postal **Today** for booklet giving particulars of this famous "Hecla" Warm Air Furnace.

Clare Brothers Western Ltd.

Manufacturers of Heating Plants of Every
Description for all kinds of Buildings

WINNIPEG

MANITOBA



An Economical Farm House

Comfort and Beauty Combined with Economy of Space

An entirely new design for a farm house is this one with the back door entering into the stair hall. Bearing in mind that both family and friends generally enter the house by the back way it is believed that this arrangement will be found unusually convenient for a small house. Guests can be taken upstairs to remove their wraps and shown to the living room without entering the kitchen, and the hired help can come in and go upstairs without passing thru the room where company is being entertained.

The entrance to the cellar, being in this back hall also, it is possible to put the roots away for the winter without taking them thru the kitchen, and to carry the ashes from the furnace out without cluttering up the whole place.

Guide House No. 13 is very remarkable in that it has no badly proportioned rooms. The living room, twelve by sixteen feet in size, with three windows and a glazed door is capable of being made into a delightful place to spend the long winter evenings, the dining room is sufficiently roomy for its purpose; there is a good sized kitchen and three fair sized bedrooms. Every inch of room has been turned to account in floor or closet space.

Suggestions for Decorating

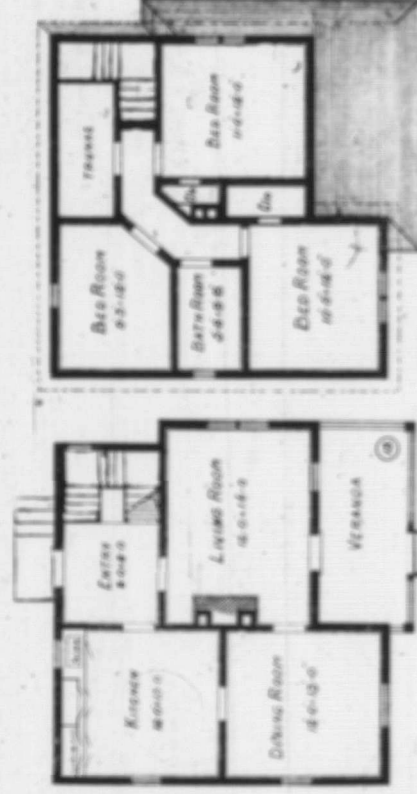
It is perhaps a good idea to leave the walls white for a few months until the plaster gets thoroughly dry, especially if the building is finished late in the fall, but it will be impossible to give it a furnished appearance until it is decorated. Tinting, flat paint or plain papers will be

2 x 6 sills, 1st floor joists 2 x 10, 2nd floor joists 2 x 8, all framing 2 x 4. The rear wall at side of entry and stairs is 9 feet. There is a gable at the rear of the house the same as on the front. These walls are 16 feet high. Provision has been made to cover the outside of the building with one ply ship-lap, one ply heavy paper and finish with 1/2 x 6 cedar level siding up to the gable framing. The portion between the framing is finished with cement stucco. Expanded metal lath is provided for all stucco work, which would look best in rough pebble finish, this, however, could be varied to harmonize with the colors used for the outside decoration. Ship-lap has been allowed to cover the entire roof and finish with one ply of tar paper and .XXX cedar shingles laid 5 inches to weather.

Specifications above are based on lumber as the standard material of construction. Many excellent building materials are at present on the market and any reliable make may be used instead of lumber. Thus, outside, instead of wood siding can be used either lath board and stucco finish, metal siding, cement, brick, hollow brick or hollow tile; inside, wall board or metal siding may be used instead of plaster, and for the roof, metal shingles or prepared roofing materials, the basis of which is felt and asphalt.

Estimate of Cost

Prices on lumber and building materials are changing all the time so that the following estimate is only good for prices at this date. Lumber is figured basis



found to give the greatest satisfaction, as a plain wall makes a much more beautiful background for pictures and draperies. Whatever method is chosen the color selected should be very quiet and neutral in tone. Bright greens, blues and pinks are intolerable in large quantities and yellow is scarcely less so.

Points of Construction

The outside of this house is 28 x 30, basement walls are composed of cement concrete, but either brick or field stone can be used if more convenient to obtain. Basement ceiling is 7 feet high, first and second floor ceilings are 8 feet 6 inches. Veranda is 8 feet by 16 feet.

The bill of materials for this house provides for 6 x 6 basement posts, 6 x 8 beams,

40 cent freight rate and remaining materials Co. B. Winnipeg.

Lumber, 24,000 Bd. Ft., Lath, Shingles, 40 cent rate \$ 600.00
Millwork, Co. B. Winnipeg 200.00
Cement, Lime and Plaster, Co. B., Winnipeg 175.00
Hardware, Paper and Nails, Co. B. Winnipeg 135.00
Metal Goods 30.00
Paint 42.00

Total \$1272.00
Complete working drawings as well as a bill of materials for Guide House No. 13 can be obtained for \$1.50 from Farm Buildings Department, Grain Growers' Guide, Winnipeg.