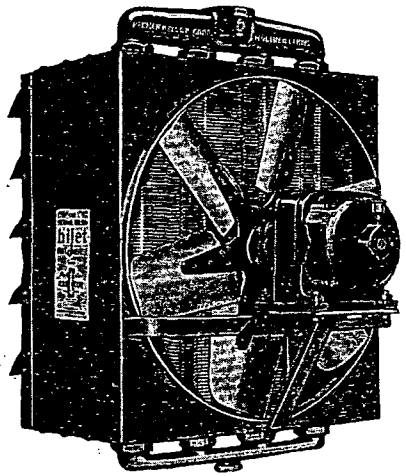
HERMAN NELSON
hiJet
HEATER



Rear View Model 80 hiJet Heater

This product is manufactured in three (3) sizes, referred to as Nos. 42, 80 and 180. The heating element in the hiJet Heater is the Herman Nelson leak-proof, jointless radiator.

Operating steam pressures up to 150 lb. A long range projection of warm air to working level is provided.

The Her-Nel-Co motor furnished as standard equipment.

For description of the radiator see opposite page.

Light Weight Compact Portable

Heaters Nos. 42 and 80 completely assembled, weigh approximately 92 and 170 lb. respectively. They are often hung on pipe lines thus reducing installation cost. The No. 180, largest of the line, weighs approximately 350 lb. and may be easily supported or moved.

Motors

Herman Nelson hiJet Heaters are powered by Her-Nel-Co motors. Due to its lowered power cost, wider range of speeds and greater efficiency, the Her-Nel-Co motor is ideally fitted for hiJet Heater service.

Motors furnished regularly for two speed operation. Variable speed operation may be obtained through central control. These motors may be furnished for a standard voltage direct or alternating current, single phase or polyphase.

Fans

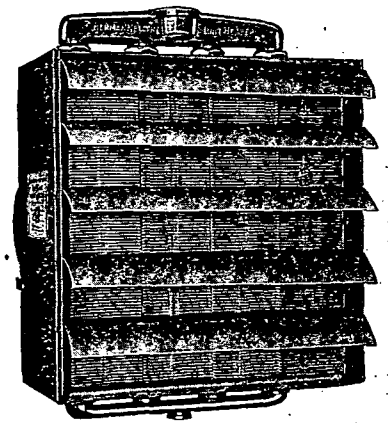
Fans for all three models are of the propeller type. They have been developed to provide high efficiency, great air projection and the least noise, without sacrificing results.

The sheet aluminum blades are riveted onto a rigid steel spider, balanced after assembly and tested at full speed in the unit before shipping.

Capacities

The following schedule gives the capacities of the three models in equivalent direct radiation, entering air temperature 60 deg. with 2 lb. steam pressure.

	Model		
	42	80	180
Full Speed	260	485	1040
Slow Speed	185	348	750



Front View Model 80 hiJet Heater

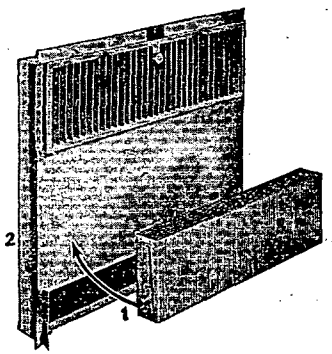
For catalog and more detailed information address

THE HERMAN NELSON CORPORATION, Moline, Illinois.

HERMAN NELSON
Invisible
RADIATOR

The Herman Nelson Invisible Radiator may be used for either steam, vapor, vacuum or hot water heating service.

It consists of a substantial steel case indicated by Fig. 2, which encloses the heating element; a heat control damper, and an attractive heat outlet grille. The heating element, or Herman Nelson Radiator is indicated by Fig. 1.



The complete unit is shipped ready for installation within any standard wall or partition.

The operation of the Herman Nelson Invisible Radiator is very simple and positive. The air from the room enters the inlet at the floor, is warmed by passing through the heating element, and is emitted into the room through the heat outlet grille at the top.

The damper method of heat control has been adopted as preferable to valve control because of its simplicity. Heat output may be controlled by moving the damper to any position between open and closed. The damper is operated by a small knob shown on the face of the grille.

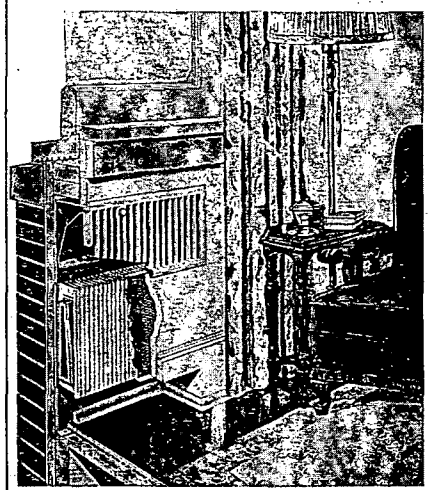
Installation

The installation of Herman Nelson Invisible Radiators is quite simple. After the opening has been provided in the walls by the general contractor, it is only necessary for the heating contractor to slip the complete unit in place, fasten it, make the simple pipe connections required, and then the radiator is ready for metal lath and plaster by other contractors.

Dimensions

For the sake of brevity, the following table is prepared to indicate the height, length and width of standard stock radiators regularly furnished:

Width	Height	Length
Narrow (for 3⅝" recess)	20"	10" 14" 20" 30" 40" 50"
Medium (for 4⅞" recess)	24"	
Wide (for 7½" recess)	30"	



Cutaway section showing complete radiator behind plastered wall.

Radiators of other dimensions are built special and furnished at additional cost.

The Herman Nelson Invisible Radiator catalog will be gladly furnished to those interested, upon request.