

SPECIFICATIONS



RECOMMENDED SYSTEM PIPING

ONE-PIPE STEAM

Up to 28 sq. ft. 1/2 inch
 Up to 62 sq. ft. 1 1/4 inches

HOT WATER - Two-Pipe Forced Circulation

Up to 100 sq. ft. 1/2 inch
 101 sq. ft. and larger 3/4 inch

HOT WATER - TWO-PIPE GRAVITY SYSTEM

First floor - Up to 20 sq. ft. 1/2 IN
 21 to 50 sq.ft. 3/4 IN
 51 to 100 sq. ft. 1 IN
 101 to 175 sq. ft. 1 1/4 IN
 Second floor - Up to 30 sq. ft. 1/2 IN
 31 to 70 sq. ft. 3/4 IN
 71 to 120 sq. ft. 1 IN
 121 to 250 sq. ft. 1 1/4 IN
 Third floor - Up to 40 sq. ft. 1/2 IN
 41 to 100 sq. ft. 3/4 IN
 101 to 175 sq. ft. 1 IN
 175 to 300 sq. ft. 1 3/4 IN

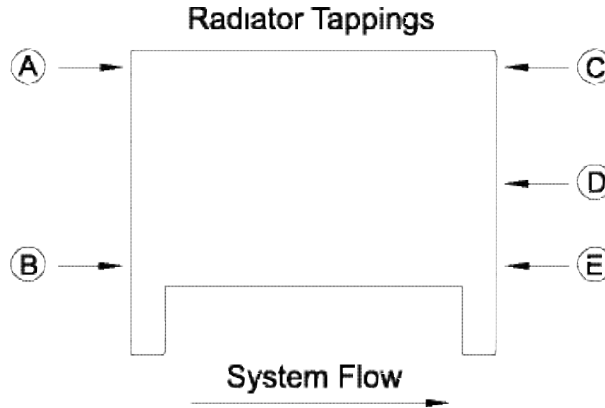
NOTES:

All sizes based on steel pipe. Vapor tapplings, top and bottom opposite ends; supply 3/4 inch, return 1/2 inch.

For tapplings on one-pipe hot water systems see I=B=R Installation Guide.

The last connection taken off the main should be run to a first floor radiator.

Radiators in which mains terminate should have one size larger valves.



| | A | B | C | D | E |
|-----------------------|--------|---------|-------|------|--------|
| One Pipe Steam | * | supply | +vent | vent | * |
| Two Pipe Steam | supply | +supply | * | * | return |
| Hot Water | * | supply | vent | * | return |

* Plug

+ Alternate

Heat Emission Chart (Based on room temp. of 70°F)

| Ave. water temp. in radiators, °F | 150 | 160 | 170 | 180 | 190 | 200 | 210 | 215 |
|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Heat emission, BTU/Hr. per sq. ft. | 110 | 130 | 150 | 170 | 190 | 210 | 230 | 240 |



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