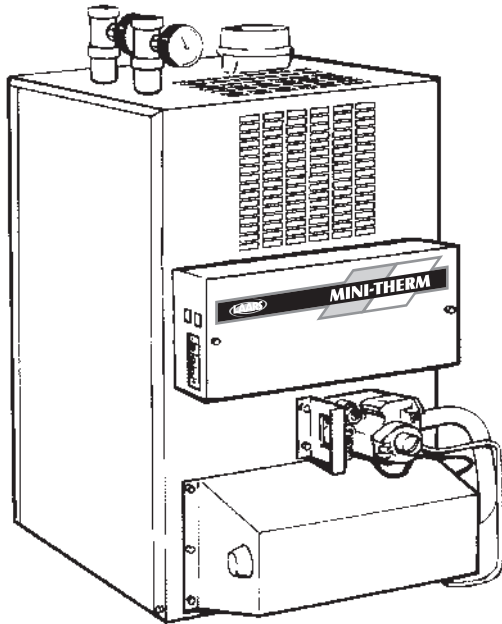


MINI-THERM JVi

Hydronic Boilers



JVi Induced Draft Residential Gas-Fired Hydronic Boiler

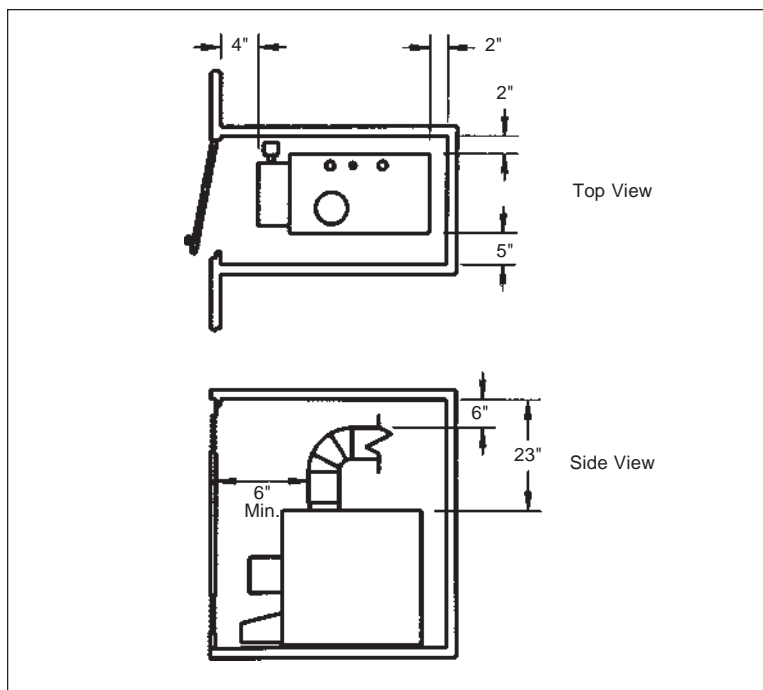
Sizes 50,000 - 225,000 BTU/h

Submittal Data

Minimum Boiler Clearances From Combustible Surfaces

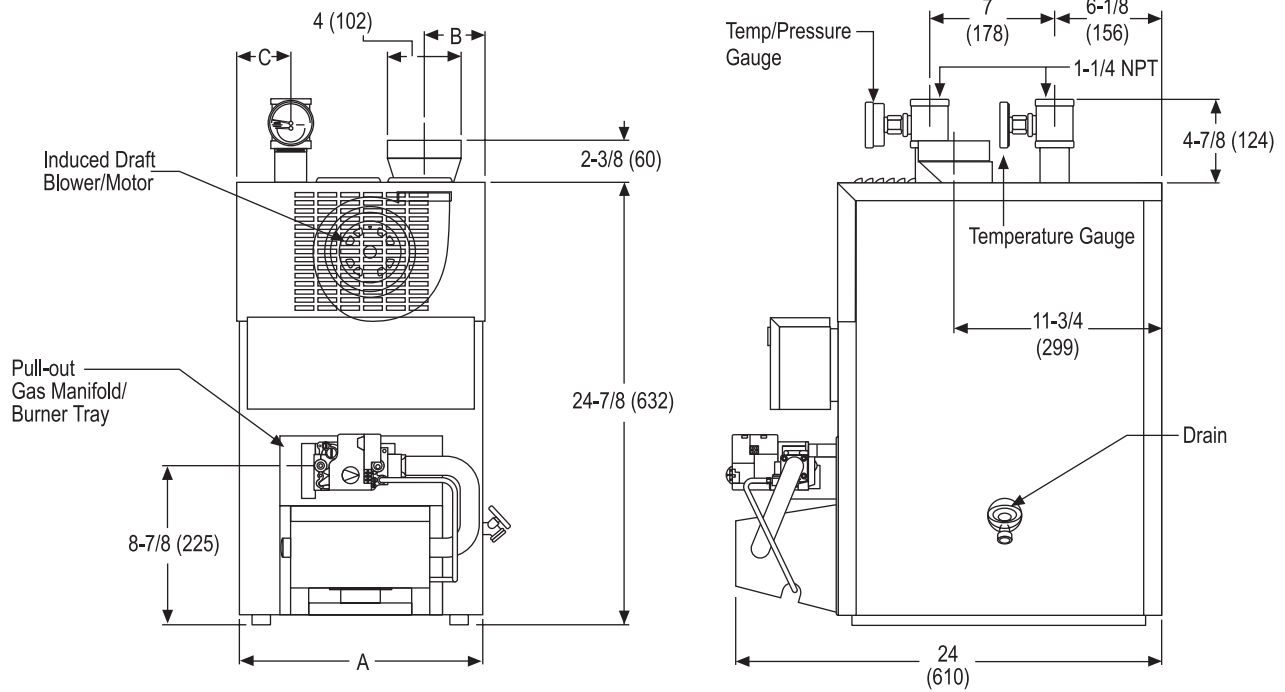
| Boiler Sizes | Left Side | Right Side | Rear | Front | Flue* | Top |
|--------------|-----------|------------|------|-------|-------|-----|
| | inches | | | | | |
| 50 to 225 | 2 | 5 | 2 | 4 | 6 | 23 |

*One inch clearance using type B double wall vent pipe.



- Design certified and tested by American and Canadian Gas Associations
- Natural or propane gas
- Maximum working pressure - water 30 p.s.i., ASME rated
- Hydrostatic test pressure at factory - 60 p.s.i.
- Material specifications as per Section IV, ASME Code
- Designed and certified for placement on combustible floor (except carpeting)
- Maximum gas supply pressure - Natural - 9" w.c., Propane - 14" w.c.
- Pressure relief valve - capacity in excess of boiler input rating
- Integral induced draft fan
- Horizontal (Category III) or vertical (Category I) venting
- Air supply - natural aspiration
- Hot surface pilot ignition
- Slide-out burner tray
- Temperature/pressure gauge on outlet
- Temperature gauge on inlet
- Water headers - cast iron per ASME requirements
- Water tubes - pure copper with integral formed external fins
- Main burners - aluminized steel
- Pump relay standard
- Vent pressure safety switch
- Flame rollout safety switch
- Electrical - 115V/60Hz/1PH less than 12 Amps, 24V transformer mounted and wired
- 20 Year Warranty - see Document 1136 for details

Dimensional Data



Dimensions shown in inches (mm).

| JVi Size | Input BTU/hr X 1000 kW | Heating Cap. BTU/h x 1000 kW | | | | Net IBR BTU/h x 1000 kW | | | | AFUE % | | Dimensions inches mm | | | Water Conn. in. | Gas Conn. in. | Approx Weight lbs. | | | |
|----------|------------------------|------------------------------|----------|----------|----------|-------------------------|----------|-------|------|--------|------|----------------------|-----|-------|-----------------|---------------|--------------------|-------|------|-----|
| | | Nat. Gas | Pro. Gas | Nat. Gas | Pro. Gas | Nat. Gas | Pro. Gas | A | B | C | | | | | | | | | | |
| 50 | 50 14.6 | 41.5 | 12.1 | 42.0 | 12.3 | 36.1 | 10.5 | 36.5 | 10.7 | 83.4 | 84.0 | 13-3/8 | 340 | 3-1/8 | 80 | 2-7/8 | 73 | 1-1/4 | 1/2 | 160 |
| 75 | 75 21.9 | 62.3 | 18.2 | 63.0 | 18.4 | 54.2 | 15.8 | 54.7 | 16.0 | 83.2 | 84.0 | 13-3/8 | 340 | 4-1/4 | 108 | 2 | 51 | 1-1/4 | 1/2 | 165 |
| 100 | 100 29.1 | 82.0 | 24.0 | 83.5 | 24.4 | 72.6 | 21.3 | 72.6 | 21.3 | 82.4 | 84.0 | 16-7/8 | 429 | 5-3/4 | 146 | 2-7/8 | 73 | 1-1/4 | 1/2 | 180 |
| 125 | 125 36.6 | 102.5 | 30.0 | 103.0 | 30.1 | 89.6 | 26.7 | 89.6 | 26.7 | 82.4 | 82.8 | 16-7/8 | 429 | 5-1/2 | 140 | 2 | 51 | 1-1/4 | 1/2 | 185 |
| 160 | 160 46.8 | 131.2 | 38.4 | 132.8 | 38.9 | 114.1 | 33.4 | 115.5 | 33.8 | 82.3 | 82.4 | 20-3/8 | 518 | 7-1/4 | 184 | 2 | 51 | 1-1/4 | 1/2 | 210 |
| 225 | 225 65.9 | 184.5 | 54.0 | 187.2 | 54.8 | 160.4 | 46.9 | 162.8 | 47.7 | 82.2 | 83.2 | 25-5/8 | 651 | 10 | 254 | 2 | 51 | 1-1/4 | 3/4* | 225 |

*1/2 for propane



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