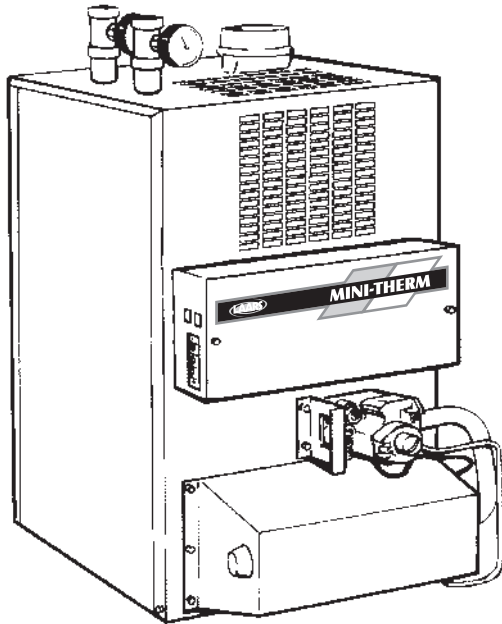


# MINI-THERM JVi

# Hydronic Boilers



JVi Induced Draft Residential Gas-Fired Hydronic Boiler

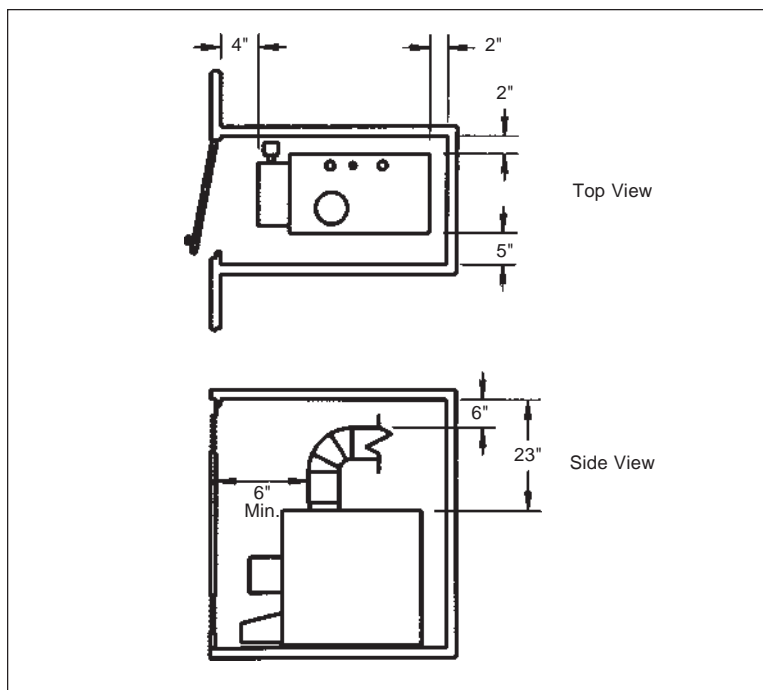
Sizes 50,000 - 225,000 BTU/h

## Submittal Data

### Minimum Boiler Clearances From Combustible Surfaces

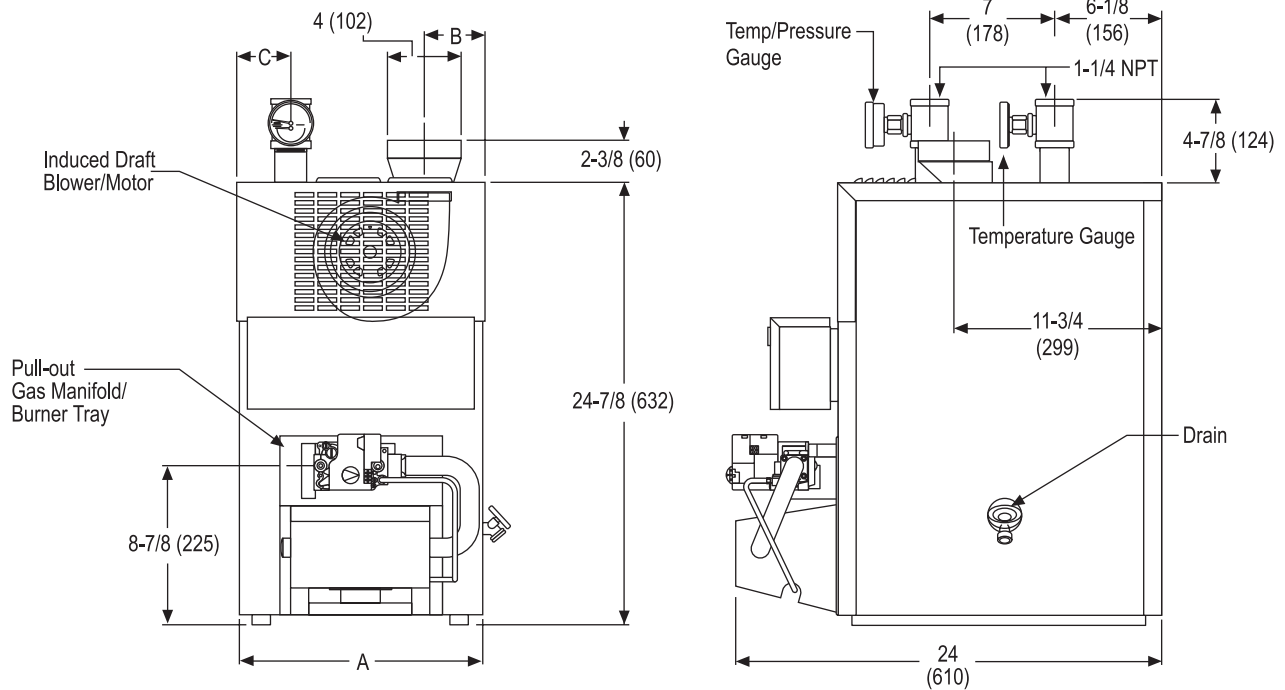
Boiler Sizes	Left Side	Right Side	Rear	Front	Flue*	Top
	inches					
50 to 225	2	5	2	4	6	23

\*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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