Independence Series

Gas Fired, Chimney or Power Vented, Cast Iron Steam Boiler

Independence

Chimney vented, equipped with fuel saving vent damper and low profile rear drafthood which accommodates low overhead areas and permits flexibility of installation with existing heating system piping.

Independence PV

Power vented option, for installation without a chimney. A draft-inducing fan pulls hot gases through the heat exchanger for optimum efficiency.

Standard Features

- Up 82% AFUE
- 62 – 382 MBH (10 sizes)
- Natural or LP gas on selected models (chimney vented)
- Electronic ignition (sizes 3-9)
- American-made cast iron sections
- Stainless steel burners
- Step-opening gas valve provides smooth & quiet start-up
- Industrial-quality pressure limit control

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Standard Equipment (Semi Pack & K/D):

- Section assembly
- Insulated deluxe jacket
- Base-burner manifold assy.
- Flame roll-out switch (FRS)
- Gas control assembly
- Canopy
- Rear drafthood (sizes 3-9 only)
- Blocked vent switch
- Vent damper

Packaged Boilers add:

- Pressure limit
- 24V transformer
- Probe type LWCO
- Junction box
- Thermostat isolating relay
- Electronic ignition assembly
- 15 PSI safety valve
- Steam gauge
- Gauge glass
- 3/4" drain valve
- Wiring harness

PV Boilers add (in lieu of chimney venting equipment):

- Induced draft fan
- Suction pressure switch
- Thermostat blower relay
- Vent accessory carton: vent connector with locking band, vent terminal, clamp
- 3 oz. tube, silicone sealant

Independence Ratings & Specifications*

Model*	Max Input MBH[1]	Heating Capacity MBH	AHRI Net Ratings[2] Steam MBH	AHRI Net Ratings[2] Steam Sq. Ft.	AFUE %	Approx Shipping Weight (Lbs.)	Minimum Chimney Requirements (Round) Dia. (In.) x Ht. (Ft.)[3]
IN3I	62	51	38	158	81.9	350	4x15
IN4I	105	87	65	271	82.0	420	5x15
IN5I	140	115	86	358	82.0	485	6x15
IN6I	175	144	108	450	82.1	555	6x15(5)
IN7I	210	173	130	542	82.1	620	7x15
IN8I	245	202	152	633	82.2	690	7x15(5)
IN9I	280	231	173	721	82.2	760	8x15
		Gross Output MBH			Thermal Efficiency %		
IN10-I	315	250	188	783	79.5	815	8 x15(5)
IN11-I	349	277	208	867	79.5	885	9x15
IN12-I	385	306	230	958	79.5	815	9x15

*LP available on IN3-IN9

1. Ratings shown are for installations at sea level and elevations up to 2,000 ft. For higher elevations, reduce ratings 4% for each 1,000 ft. above sea level (U.S. only).
2. The Net AHRI Steam Ratings shown are based on a piping and pickup allowance of 1.333.
3. 15 ft. height is measured from top of drafthood to top of chimney.
4. IN10-1, IN-11 not ETL listed for Canada

The manufacturer should be consulted before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping, etc.

Max Working Pressure: 15 PSI Steam

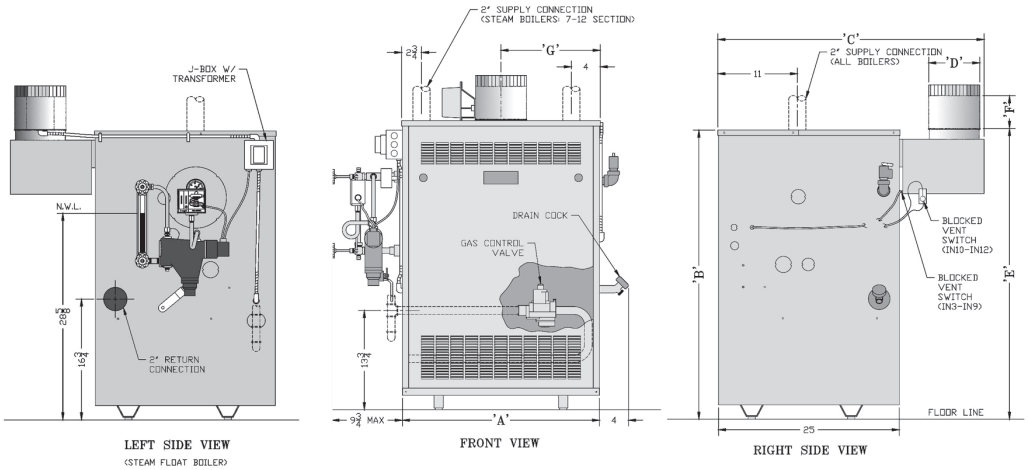
Independence PV Ratings & Specifications (Natural Gas, Packaged)

Boiler Model	Input MBH	DOE Heating Capacity MBH (1)	AHRI Net Ratings Steam MBH	AHRI Net Ratings Steam Sq. Ft.	Maximum Vent Length Equivalent Ft. (2) (3)	AFUE%	Approx Shipping Weight (LBS.)
IN3PVNI	62	52	39	163	45	83.2	355
IN4PVNI	105	87	65	271	35	82.2	425
IN5PVNI	140	116	87	363	35	82.2	490
IN6PVNI	175	145	109	454	35	82.2	560

1. Capacities and ratings are based on steam combustion efficiency of 83.0%. (84.1% for IN3PVNI)
2. The approved venting system for the Independence PV is 3" AL29-4C® stainless steel only, as specified in IO&S instructions.
3. Vent pipe length is listed in equivalent feet. Any elbows or tees used can have specific values which must be subtracted from the total length to determine maximum length of straight pipe. Consult Installation, Operating, and Service Instructions for details.

Dimensions

Boiler Model	A	B	C	D	E	F	G
IN3I	14-1/2	40	33-3/4	4	40-1/4	4-3/4	7-1/4
IN4I	17-3/4	40	34-3/4	5	40-1/4	4-3/4	8-7/8
IN5I	21	40	35-3/4	6	40-1/4	5-1/4	10-1/2
IN6I	24-1/4	40	35-3/4	6	40-1/4	5-1/4*	12-1/8*
IN7I	27-1/2	40	36-3/4	7	40-1/4	7-1/2	13-3/4
IN8I	30-3/4	40	36-3/4	7	40-1/4	7-1/2*	15-3/8*
IN9I	34	40	37-3/4	8	40-1/4	7-1/2	17
IN10I	37-1/4	45	38-3/4	8	45-1/2	7-1/2	18-5/8
IN11I	40-1/2	45	38-3/4	9	45-1/2	7-1/2	20-1/4
IN12I	43-3/4	45	38-3/4	9	45-1/2	7-1/2	21-7/8
IN3PVNI	14-1/2	45	N/A	3	N/A	N/A	4
IN4PVNI	17-3/4	45	N/A	3	N/A	N/A	8-1/4
IN5PVNI	21	45	N/A	3	N/A	N/A	9-1/4
IN6PVNI	24-1/4	45	N/A	3	N/A	N/A	9-1/4



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