SERIES





Gas Fired, Chimney Vented, Cast Iron Water Boiler

- 84% AFUE
- 70 280 MBH (7 sizes)
- All controls concealed inside boiler jacket
 - Integrated boiler control with diagnosites
 - FREE additional pump relay
 - Integral LWCO option requires no piping! (IDL-1200)
- Industry standard tapping locations, allows easy, direct replacement for thousands of existing boiler installations
- American-made cast iron heat exchanger
 - Accepts return water temps as low as 110°F
 - Designed to promote turbulent water flow within the section for efficient heat transfer
- A solid, reliable, full-featured boiler at a value price!
- Lifetime limited warranty
- Made in Lancaster, PA, USA

X-2: Technical Information







Standard Equipment

- · Insulated steel jacket
- · Integrated draft diverter, damper and connector included
- · Heavy gauge 1" base insulation
- Intelligent Hydronic Control Simple self-diagnostic control system with 3-digit readout for status settings and errors
- · Step-opening redundant gas valve
- 110°F minimum return temperature rating
- · Spark ignition with continuous retry
- · User-friendly wiring with 120V J-box
- · Circulator choice of Taco or Grundfos
- · Cast iron section assembly
- · Resettable blocked vent switch
- · Boiler drain valve
- · Cast iron supply manifold with safety relief valve tapping

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- "H" suffix models "Have" a pre-installed IDL-1200 integral LWCO (auto reset)
- "R" suffix models are "Ready" for easy upgrade with IDL-1200 kit (P/N 106495-02)
- Other X-2 models can use original LWCO 1100 kit (P/N 104083-01)

NOTES:

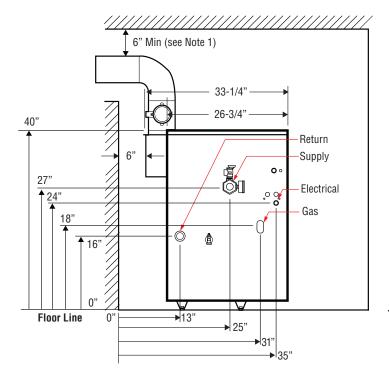
- Minimal radial distance around vent pipe and breeching for single-wall metal pipe vent connector, otherwise follow vent connector manufacturer's recommended clearances.
- 2. Add height required to maintain 6" clearance from all breeching components.

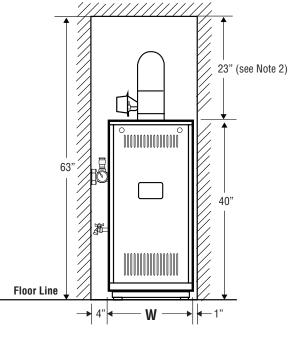
X-2 Ratings & Specifications							
Model	Input (MBH)	DOE Heating Capacity (MBH)	Net AHRI Rating, Water (MBH)	AFUE%	Vent Size (Inches)	Approx. Shipping Weight. (lbs.)	
X-203	70	59	51	84.0	4	254	
X-204	105	88	77	84.0	5	304	
X-205	140	117	102	84.0	6	357	
X-206	175	146	127	84.0	6	405	
X-207	210	176	153	84.0	7	462	
X-208	245	205	178	84.0	7	518	
X-209	280	234	203	84.0	8	564	

Add suffix "N" for natural gas, or suffix "L" for LP gas models

All models certified for use from sea level to 10,000 feet in elevation. Outputs are reduced by 4% per 1,000 feet above sea level for elevations above 2,000 ft.

X-2 Dimensions & Connections								
	Dimensions (inches)			Connections (inches)				Water
Model	Width "W"	Height	Depth (total)	Supply	Return	Gas Valve	Relief Valve	Content (gal.)
X-203	14	40	33-1/4	1-1/4	1-1/4	1/2	3/4	2
X-204	16	40	33-1/4	1-1/4	1-1/4	1/2	3/4	3
X-205	19	40	33-1/4	1-1/4	1-1/4	1/2	3/4	4
X-206	22	40	33-1/4	1-1/4	1-1/4	1/2	3/4	5
X-207	25	40	33-1/4	1-1/4	1-1/4	3/4	3/4	6
X-208	28	40	33-1/4	1-1/4	1-1/4	3/4	3/4	7
X-209	31	40	33-1/4	1-1/4	1-1/4	3/4	3/4	8







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