SERIES



U.S. Boiler Company

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
 - 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
- 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

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 "I " for LD gas models											

* 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.

All X-2 boilers are shipped with 30 psi relief valves, MAWP is 50 psi.

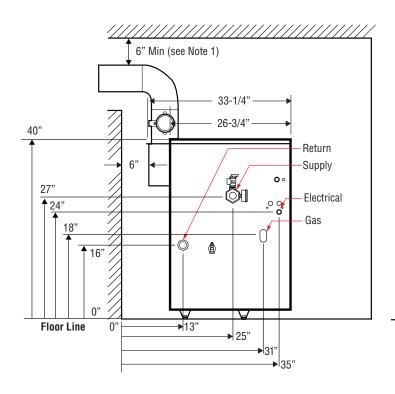
LWCO Options

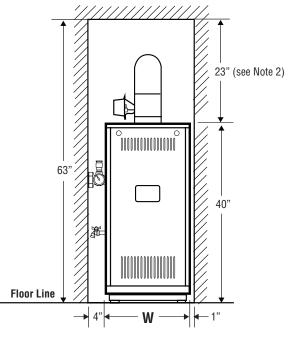
- "H" suffix models "Have" a pre-installed IDL-1200 integral LWCO (auto reset)
- "R" suffix models are "Ready" for easy upgrade with IDL-1200 kit (P/N 106495-02)
- Other X-2 models can use original LWCO 1100 kit (P/N 104083-01)

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 Dimensions & Connections												
	Dime	nsions (in	iches)	Connections (inches)				Water				
	Width		Depth	_		Gas	Relief	Content				
Model	"W"	Height	(total)	Supply	Return	Valve	Valve	(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				







© 2018 U.S. Boiler Company, Inc. - Lancaster, PA Phone: 1-888-432-8887

