

LAARS® NEOTHERM®

Residential Condensing Boilers



PACKED WITH FEATURES

- 95% Efficient
- Low NOx emissions
- 80 - 285 MBH models

LAARS® 
Heating Systems Company

Built to be the Best®

NEOTHERM®

Since our beginning as Laars Engineering in 1948, Laars has embodied innovation and advancement in heating technology. We have built upon our technology over the past seventy plus years to ensure Laars products meet the demands of today's discerning customer.

Laars stands behind each of its products with stringent quality standards which require each unit to be live-fired before it's packaged, and a service and support team that places the customer and their needs first – every time.

Laars products are widely used in space heating, radiant floor heating, baseboard heating, radiators and domestic water heating. Laars' years of experience, world class engineering, and customer support combine to make us your go-to experts in home heating. Laars brings comfort, reliability, and peace of mind to you and your home.

THE PERFECT HEATING SOLUTION



High efficiency of 95% AFUE



5:1 turndown allowing the NeoTherm to modulate and efficiently use fuel to match a home's demand.



Flexible installation with top connections for piping and venting. Perfect for new or retrofit applications.



Compact footprint and approved for closet or alcove installations.



Easy to use controls with functions clearly displayed in English, not complicated code



SAVE MONEY WITH REBATES & TAX CREDITS



Don't leave money on the table, we've made it easy for you to locate rebates!

Visit **www.laars.com/rebate-center** and learn about the savings in your neighborhood!



NEOTHERM IS EVERYTHING A MODERN BOILER SHOULD BE



Use the high efficiency heat output of the NeoTherm boiler combined with a Laars-Stor® indirect tank and save even more money on your domestic water heating as compared to conventional systems.

The ingenious Laars-Stor water heaters are engineered to provide the highest hot water output at the lowest pressure drop of most any indirect fired water heater in the industry.

Hot water from the NeoTherm enters the coiled heat exchanger that sits inside the Laars-Stor tank. The heat from the boiler water is efficiently passed through the heat exchanger coiled to the domestic water in the tank. The Laars-Stor uses the 95% efficient NeoTherm to do the work! The tank and boiler can be located close to each other resulting in minimal space used.

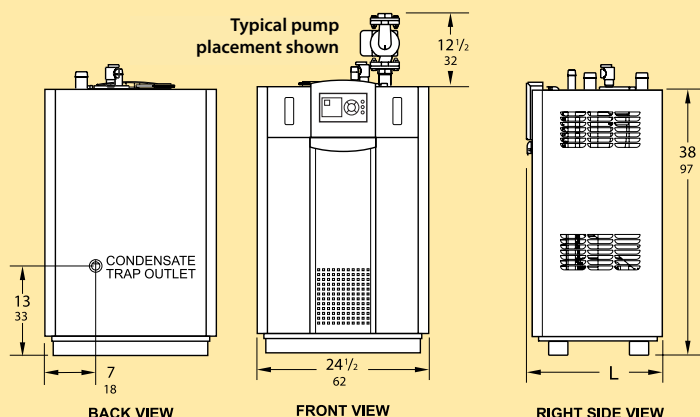
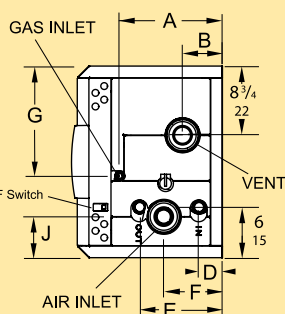
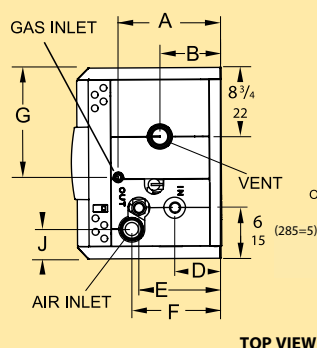
The Laars-Stor is packed with features to ensure many years of safe, hot-water when you need it!

NEOTHERM SPECIFICATIONS

Dimensions are nominal and are shown in **inches**, cm.

MODELS 80, 105, 285

MODELS 150-210



SIZE	A		B		D		E		F		G		J		L		AIR INLET*		VENT*		CONNECTIONS		MAX VENT LENGTH			WEIGHT
	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	Water	Gas	2" Dia.	3" Dia.	4" Dia.	lbs.
80	13½	34	9½	24	7½	19	10¾	28	11¾	30	13¾	35	3½	9	19½	49	2	5.1	2	5.1	1 NPT	½ NPT	40 ft.	100 ft.	n/a	202
105	13½	34	8	21	6	16	10¾	28	11¾	30	14¼	36	3½	9	19½	49	2	5.1	2	5.1	1 NPT	½ NPT	40 ft.	100 ft.	n/a	216
150	13¼	34	5¼	14	3¼	8	10¾	28	7½	19	14¼	36	5	13	19½	49	3	7.6	3	7.6	1 NPT	½ NPT	n/a	100 ft.	n/a	228
210	20½	52	5¼	14	3¼	8	17¾	45	7¾	19	14¼	36	5	13	26¾	68	3	7.6	3	7.6	1 NPT	½ NPT	n/a	100 ft.	n/a	270
285	20¼	51	7¼	18	6¼	15	11	28	13½	34	14¼	36	9¼	25	26¾	68	4	11	4	11	1½ NPT	¾ NPT	n/a	20 ft.	100 ft.	299

* NeoTherm is shipped with adapters for the air and vent that accept standard pipe of the proper size and type.

SIZE	INPUT	AHRI CERTIFIED HEATING CAPACITY	NET AHRI RATING	AHRI CERTIFIED AFUE
	MBH	MBH	MBH	%
80	80	74	64	95.0
105	105	96	83	95.0
150	150	138	120	95.0
210	210	194	171	95.0
285	285	264	229	95.0

ENVIRONMENTAL
POWERFUL
COMPACT



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