

LAARS[®] MAGNATHERM[®] FT

COMMERCIAL FIRETUBE BOILER



The Laars MagnaTherm FT Advantage



TRU TRAC[™] O₂ TRIM

Real time, electric fuel-to-air ratio control of the combustion process results in optimized efficiency across entire turndown range



CF-TECH[™]

Laars CF-Tech Contoured Flue Tube Technology not only helps increase efficiency but also extends the life of the heat exchanger



LAARS LINC[®]

Intuitive to use, touch screen control system includes advanced features such as auto cascade, intelligent redundancy, and quick start set up



95% THERMAL EFFICIENCY

Superior firetube stainless steel heat exchanger which is resistant to corrosive condensate and flue gasses. Long life design allows for "flexing" of the heat exchanger, reducing stress



FLEXIBLE INSTALLATION

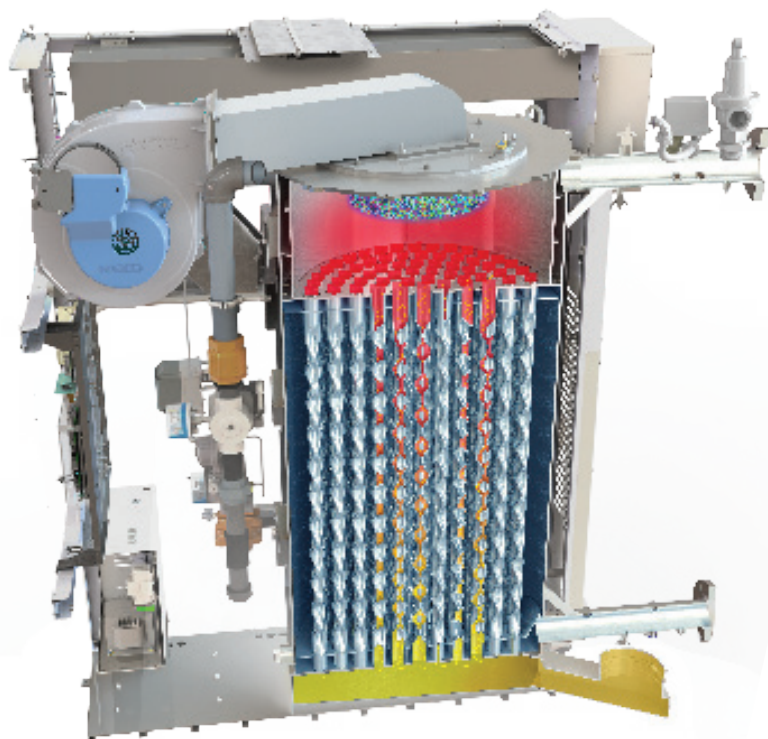
A vertical design with small footprint helps it to fit into tight mechanical rooms

Many electrical packages available to meet job site voltage requirements - 120, 208, 240, 480 or 600 VAC



COMMERCIAL HIGH EFFICIENCY

LAARS[®]
Heating Systems Company



Every Laars MagnaTherm FT is equipped with a robust Laars CF-Tech firetube heat exchanger, a precision high turndown combustion control and the Laars Tru Trac oxygen trimming system. All combined to offer years of highly efficient trouble free operation.

REAL TIME CONTROL REAL TIME RESULTS

Each MagnaTherm FT unit is equipped with the proprietary Laars Tru Trac O₂ combustion control system. Tru Trac Electronic Air-to-Fuel Ratio control algorithms actively manage the combustion process to optimize efficiency and emissions levels.

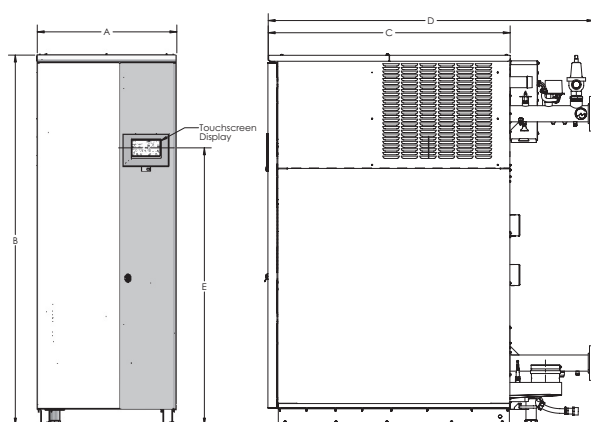
Oxygen levels produced during combustion are monitored in real time, throughout the entire turndown range of the MagnaTherm FT. Adjustments to the air-to-fuel mixture are made to maintain ideal performance.

No longer compromise between turndown, efficiency and clean emission levels!

Poor Air-to-Fuel Ratio Control Can Result in:

- Unstable flame formation, reducing efficiency
- Increased emissions
- Less time at condensing operation (lower dew points)
- Increased maintenance issues
- Increased downtime

Dimensions:



Model	"A"		"B"		"C"		"D"		"E"	
	in	(cm)	in	(cm)	in	(cm)	in	(cm)	in	(cm)
1000	30.2	(76.7)	80.0	(203)	52.4	(133)	70.5	(179)	60.0	(152)
1500	30.2	(76.7)	80.0	(203)	52.4	(133)	70.5	(179)	60.0	(152)
2000	34.6	(87.9)	80.0	(203)	56.3	(143)	73.3	(189)	60.0	(152)
3000	34.6	(87.9)	80.0	(203)	56.3	(143)	75.5	(192)	60.0	(152)



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