

America's Heat FAQs

Question	Furnaces	Boilers
How does corn compare with other fuel?	One bushel of corn has as many BTU's as about 5 therms of natural gas, 5 gallons of LP, 3.2 gallons of fuel oil, or 131 kilowatt hours of electricity.	One bushel of corn has as many BTU's as about 5 therms of natural gas, 5 gallons of LP, 3.2 gallons of fuel oil, or 131 kilowatt hours of electricity.
What size units do you have?	We have a 100,000 BTU and a 170,000 BTU unit.	We have a 100,000 BTU and a 170,000 BTU unit.
What size is right for me?	We suggest you look at the size of your existing furnace and size according to that. If that is not available then you can contact your dealer for sizing suggestions	We suggest you look at the size of your existing furnace and size according to that. If that is not available then you can contact your dealer for sizing suggestions
What is the cost? How much is shipping?	For pricing and shipping costs please contact your local dealer.	For pricing and shipping costs please contact your local dealer.
What kind of corn do I need to burn?	The units use shelled, whole kernel corn. The best corn is clean and dry (15% or less). Clean corn burns great, but dirty corn with excessive fines and large debris like cobs and stalks may cause some problems. Corn can be purchased from most corn farmers or elevators.	The units use shelled, whole kernel corn. The best corn is clean and dry (15% or less). Clean corn burns great, but dirty corn with excessive fines and large debris like cobs and stalks may cause some problems. Corn can be purchased from most corn farmers or elevators.
Do you have financing available?	We accept cash, check and credit cards. We do not have any financing available at this time.	We accept cash, check and credit cards. We do not have any financing available at this time.
What all comes included in the price of the unit?	The price is for the furnace, hopper and augers. There is no chimney, ductwork or thermostat included in the price.	The price is for the boiler, hopper and augers. There are no pumps, chimney, or plumbing included in the price.
Are there any options?	A Corn-trol Digital Temperature control system is available at additional cost.	There is an optional domestic water coil if you want to use the boiler for domestic water

		heating as well.
Do I need a chimney?	Yes, all of our units require a 6" class A chimney. This means that it has to have a natural draft, it can not just exhaust out a wall.	Yes, all of our units require a 6" class A chimney. This means that it has to have a natural draft, it can not just exhaust out a wall.
How far can the chimney run horizontally before going vertical?	8' if the farthest we recommend you running a chimney horizontally before going vertical. Heat needs to rise to create draft, and a long horizontal run will diminish the draft too much.	8' if the farthest we recommend you running a chimney horizontally before going vertical. Heat needs to rise to create draft, and a long horizontal run will diminish the draft too much.
Can I use an existing brick chimney?	If you have an existing chimney you can run a 6" stainless steel liner down and hook that to the boiler, but we do not suggest venting directly into a brick chimney.	If you have an existing chimney you can run a 6" stainless steel liner down and hook that to the boiler, but we do not suggest venting directly into a brick chimney.
Can I vent the furnace with other appliances?	We recommend you follow local codes for venting.	We recommend you follow local codes for venting.
Is the unit cheaper if I buy directly from the factory?	No. LMF Manufacturing will not sell direct to a customer when there is a dealer in the area. If there is no dealer in the area then the unit can be bought directly from LMF.	No. LMF Manufacturing will not sell direct to a customer when there is a dealer in the area. If there is no dealer in the area then the unit can be bought directly from LMF.
Can this tie in with my existing heating system?	Yes, our units are manufactured to either be a stand alone or an add on to an existing system.	Yes, our units are manufactured to either be a stand alone or an add on to an existing system.
Who does the installations?	We suggest you use a local heating contractor for the installation. A professional installation is a requirement for warranty. Talk with your local dealer, they will be able to help you with that.	We suggest you use a local heating contractor for the installation. A professional installation is a requirement for warranty. Talk with your local dealer, they will be able to help you with that.
How is the unit delivered?	Most units are sent to the dealers and then can be picked up from there.	Most units are sent to the dealers and then can be picked up from there.
Is the boiler pressurized?	N/A	Yes, the boiler is a closed

system and will operate at 12-15 psi.

<p>What water temperature does the boiler run?</p>	<p>N/A</p>	<p>The boiler will normally maintain 160-180 degrees. If plumbing into an in floor system, you will use a mixing valve to bring the water temperature down to the recommended level.</p>
<p>How much corn will these units use?</p>	<p>That is different in every situation, but most homes will use about 250 bushels per heating season. The heating cost calculator will help you figure out your savings.</p>	<p>That is different in every situation, but most homes will use about 250 bushels per heating season. The heating cost calculator will help you figure out your savings.</p>
<p>Are these indoor or outdoor units?</p>	<p>These are indoor units.</p>	<p>These are indoor units, but a boiler can be installed in an outdoor building and then insulated water lines plumbed into your existing system.</p>
<p>If the unit is shipped, how much are shipping costs?</p>	<p>E-mail LMF with your zip code and they will be able to provide you with a shipping quote to your area. Note: shipping is cheaper to a business in the area then a residence.</p>	<p>E-mail LMF with your zip code and they will be able to provide you with a shipping quote to your area. Note: shipping is cheaper to a business in the area then a residence.</p>
<p>How do I order a unit?</p>	<p>If there is a dealer in the area you should place your order and deposit with the dealer. If there is no dealer contact LMF and you can place an order with a deposit.</p>	<p>If there is a dealer in the area you should place your order and deposit with the dealer. If there is no dealer contact LMF and you can place an order with a deposit.</p>
<p>How long will it take to get a unit if I place an order?</p>	<p>Contact your local dealer or LMF for current lead times.</p>	<p>Contact your local dealer or LMF for current lead times.</p>
<p>What's the difference between the furnace and the boiler?</p>	<p>The furnace is for forced air heating.</p>	<p>The boiler is for radiators, baseboard heaters, or in-floor systems.</p>
<p>How much does the hopper hold?</p>	<p>14 Bushels of corn</p>	<p>14 Bushels of corn</p>
<p>Do you offer different sizes of hoppers?</p>	<p>No, the 14 bushel hopper is the only hopper we offer at this</p>	<p>No, the 14 bushel hopper is the only hopper we offer at this</p>

	time. If you want to do something on your own for a hopper, the units can be ordered without the 14 bushel hopper.	time. If you want to do something on your own for a hopper, the units can be ordered without the 14 bushel hopper.
How long has LMF been making these units?	LMF has been making these units for 6 years, but the design has been on the market for over 15 years.	LMF has been making these units for 1 year, but the design has been on the market for over 15 years.
What is the warranty?	The units carry a 1 year electrical warranty and a 5 year heat exchanger warranty.	The units carry a 1 year electrical warranty and a 5 year heat exchanger warranty.
Where do i get parts from?	Parts are available through the dealers or at most heating stores. LMF uses all industry standard parts so replacement parts are easy to find if needed.	Parts are available through the dealers or at most heating stores. LMF uses all industry standard parts so replacement parts are easy to find if needed.
Are your units compatible with air conditioning?	Yes the furnaces are wired ready for A/C.	N/A
How efficient are your units?	All of our units are 85% efficient.	All of our units are 85% efficient.
Will I have to clean out clinkers?	No, our units feed the fuel into the bottom and the ashes 'boil' over the top of the burn pot and collect in the ash pan. There is a pan that you will need to empty once a week.	No, our units feed the fuel into the bottom and the ashes 'boil' over the top of the burn pot and collect in the ash pan. There is a pan that you will need to empty once a week.
Do the units ignite on their own?	No, you will light it at the beginning of the season and it will stay lit for the season on either high fire or a pilot fire, depending on the thermostat.	No, you will light it at the beginning of the season and it will stay lit for the season on either high fire or a pilot fire, depending on the thermostat.
How do I ignite the corn?	You will fill the pot with fuel and then use a form of kindling to start a fire on top. Let that fire burn for about 10 minutes and then the fuel will be burning.	You will fill the pot with fuel and then use a form of kindling to start a fire on top. Let that fire burn for about 15 minutes and then the fuel will be burning.
How man gallons of water does the boiler hold?	N/A	The boiler tank holds 18 gallons of water.
Are there plumbing	N/A	No, we do not include

instructions?

plumbing instructions with the boilers as each installation is unique. If you have plumbing questions contact your dealer or HVAC contractors in your area.

Can the unit be power vented?

Some of our customers have had success with “field controls” model DI-2 Draft Inducer. Inducers are available through LMF. Natural draft chimneys are recommended.

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