



# STYLE AND COMFORT

Crafted in Belgium and trusted in Europe for more than 100 years, these beautifully crafted, hyper-efficient stoves have been in every corner of the world. They've been proven on the slopes of Mt. Fuji, Japan; in the bitter cold of St Petersburg, Russia and on salt-sprayed, windswept islands of the North Atlantic. Now you, too, can experience the warm hearth of Efel.

Discover the stoves that have been keeping families all over the world warm, comfortable and happy while saving them money on heating costs. All Efel stoves meet or exceed international emissions standards, including of course, the stringent USA EPA requirements for wood burning stoves.

Every stove uses cast iron that is precision molded from rough-and-ready materials like recycled steel railroad tracks and pig iron. Internationally patented, double-layered and robotically welded steel combustion chambers (on "S" series). Expansive glass panels for a beautiful, corner-to-corner view of your fire. No low quality stove components from China (unlike many other stove manufacturers). Every stove comes with the tools you need: heat-resistant leather fire glove, a poker and any necessary handles. There's even a bottle of touch-up paint (approx. 8 oz).



Efel is a small, tight-knit operation built on quality and integrity and rich with family ties. The company believes that casting iron is an art, and its committed artisans have perfected that art over generations. Many employees have 20 or more years experience, and some are second-generation employees, continuing a tradition in their own family.

Efel is a vertically integrated manufacturer. They produce nearly all of the components used to build their stoves. They pour their own castings, allowing them to produce parts from different types of iron, each specially formulated for the best combination of strength and heat resistance. They form and weld all their steel components. Final assembly is always done by their own skilled technicians. Their talented engineering staff works full-time at research and development, producing patented, breakthrough designs. The company is located in Couvin, a community where casting iron is woven deep into their cultural fiber. Iron casting has been part of their heritage for 2000 years.

In fact, the Efel name is a salute to that tradition. It comes from the French phrase, Fonderies du Lion or Foundry of the Lion (F.L. – say it out loud: Efel). What's in a name? The foundry is near an ancient Roman settlement where cast iron was made. Those ancient Romans famously brought lions into the region from far-away Africa to serve as their mascots.







## WHY EFEL IS RIGHT FOR YOU

Efel has one goal in mind: we want to build the best for you. International experience in the world's coldest climates has prepared us to meet the harshest weather demands. Generations of stove building experience taught us what works and what doesn't. And, innovative engineering helps us meet your needs. From selecting the precise mix of ingredients to smelt into your castings to the final assembly, exacting standards ensure your new stove will exceed your needs.

### Superior engineering means superior efficiency

Efel stoves burn at up to **80% efficiency**. That higher efficiency means your fire lasts longer. You burn less fuel. And, you can heat more space with smaller fires. Superior efficiency means superior comfort.

### Rugged cast iron body gives you amazing performance

Efel formulates all cast iron precisely to meet the end demand. Iron is an alloy made of many ingredients, including carbon, silicon, nickel and steel. By carefully adjusting the "recipe", Efel may increase resistance to deformation from heat, or boost tensile strength, or improve shock resistance. Each part of your new stove is mixed and poured with the perfect ultimate goal in mind. No other stove-building material can be customized for use to this degree.

### Large glass windows for an expansive fire view

The beauty of the flame springs to light, filling dark rooms with a heart-warming glow. Efel's brilliant thermal shock and shatter-resistant glass brings a visual feast to any room.

### Classically inspired styling enhances your home

The design heritage of Europe speaks from the subtle curves and simple elegance of every Efel stove. Efel designers know you are looking for more than a prosaic heating appliance. An Efel stove will become part of your home, a furnishing center piece to your living space.

### Lifetime Limited Warranty

Efel stoves are built to give you a lifetime of use, so we back them with the Limited Lifetime Warranty. Efel is a smart, affordable investment that will give you comfort on cold nights. (See written warranty for full details.)

Super-heated air stimulates hyper-efficient combustion.



Multi-wall design for added durability, close wall clearances

Wireless digital thermostat available on S33 and S43



# S33, S43

## INTERNATIONALLY PATENTED WOODBOX COMBUSTION TECHNOLOGY

- Only Efel Woodbox Technology offers a wireless remote with digital thermostat
- Up to 80% efficient
- Rugged cast iron outer body for gentle, lasting warmth
- Unit body single-piece double-wall 10 gauge steel combustion chamber for perfect air tightness
- Super-heated, perfect-flow air intake for superior efficiency
- Blast-furnace hot-cleaned glass helps ensure a crystal clear fire view
- Rear clearances as low as 13" with no optional heat-shield required
- You have unparalleled precise control over fire's intensity

## HOW WOODBOX TECHNOLOGY PERFORMS FOR YOU:

**Obeys your command** - Your comfort and constant room temperatures can be practically guaranteed with the optional wireless remote control. You set the room temperature you want on the remote. An efficient servo-motor and smart microprocessors precisely control the air flow to the fire, helping your new Efel S33 or S43 to achieve unparalleled comfort and precise temperature control.

**Efficient** - Combustion air flows to the fire only after it travels slowly around the entire firebox. (Other stoves merely pass combustion air briefly through a small duct before it reaches the fire.) Our process preheats the air to nearly 400°F. This results in spectacular flame displays! Efficiency can reach an astonishing 80%. Emissions are as much as 10 times lower than stringent European requirements. And, you get long, steady burns.

**Durable** - The inner body is robotically welded from two layers of steel, creating a monolithic steel assembly that is virtually unbreakable and hermetically airtight for perfect air control. This is lined with firebrick and encased in cast iron, capitalizing on the unique benefits of each of the materials. Backed by a Limited Lifetime Warranty.

Every stove comes with these convenient features:

- Fire safety glove and poker
- Convenient high capacity ash pan for easy clean out
- Available wireless digital thermostat and remote control
- Limited Lifetime Warranty

S33 (Medium) - Heats up to 1,600 sq ft, top vented.

With remote control digital thermostat, sold separately.

Efel S43 (Large) is also available, and heats up to 1,900 sq ft.



S33, S43



## COLOR CHOICES

Three colors to choose from:

- **Traditional Painted Graphite**
- **Lustrous Brown Porcelain** (Illustrated below)
- **Exclusive Flat Efel Black Porcelain**



Efel uses proprietary ingredients in all porcelain enamel finishes. The enamel is literally baked on to the stove, creating a durable, smooth finish that easily wipes clean. Brown Porcelain is illustrated, above. Efel's exclusive black porcelain looks just like the traditional beauty of a painted finish, but repels moisture and never fades unlike painted finishes.





# STANFORD 80, STANFORD 140

## BUILT TO LAST

The classically styled design of the Stanford series

- Rugged cast iron body
- Timeless, clean lines
- Large Stanford 140 heats up to 2,000 sq ft, accepts 24" log
- Medium Stanford 80 heats up to 1,500 sq ft, accepts 19" log
- Air-washed glass for a clear, corner-to-corner view of the fire
- Generous ash pan, hidden behind the graciously curved lower door
- EPA approved, and sold complete with fire safety glove and poker
- Limited Lifetime Warranty

**Convenience** - The large capacity ash pan makes clean out a breeze. Since it loads from the front or side, exceptionally long or misshapen wood is no problem.

**Durability** - Made entirely of cast iron, which will never warp. Extra thick castings ensure a lifetime of performance. Your new Stanford is a once in a lifetime investment.

**European design and quality** - It's made in a region of Belgium renowned for cast iron work. With no low quality Chinese castings, it will last and last. And, it's timeless beauty will look as stylish in the future as now!

Stanford 140 (Large)  
Heats up to 2,000 sq ft





**STANFORD**

80, 140



HARMONY







Harmony I (Medium) - Heats up to 1,500 sq ft



Harmony III (Large) - Heats up to 2,000 sq ft

# HARMONY I, HARMONY III

## STYLE YOUR HOME WITH THE AMERICAN TRADITIONAL HARMONY SERIES

- Massive cast iron body
- Traditional lines with a Colonial flair
- Large Harmony III heats up to 2,000 sq ft, accepts 24" log
- Medium Harmony I heats up to 1,500 sq ft, accepts 19" log
- Graceful arched glass door, kept clean by a curtain of fresh air
- Huge ash pan with cover for easy, clean ash removal
- EPA approved, it even comes with a fire safety glove and poker
- Limited Lifetime Warranty

**Convenience** – Harmony was designed for your ease of use. Big ash pan with a cover for clean operation. Side and front doors makes loading it fast and effortless.

**Durability** - Cast iron has long been considered the best material for stove construction. Every casting in every Efel stove is specifically formulated for the best combination of heat resistance and tensile strength. Your new Harmony is a smart, durable investment.

**European quality, American style** - Proven in Europe, it's styled for American homes. It's built to minimize maintenance and upkeep.



# EFEL COAL STOVE

## BURN COAL FOR CONVENIENCE AND INDEPENDENCE

- Burns up to 48 hours without refueling
- Rugged cast iron body
- Classically inspired “Harmony” exterior design
- Heats 1,200 to 2,000 sq ft.

***Automatically feeds itself*** - Add up to 50 lbs of “pea” or “rice” sized Anthracite coal and your new Harmony coal stove will provide steady, reliable heat for up to 48 hours without reloading! You can stretch out and enjoy the heat in the evening, and it will still be hot on the day after tomorrow!

Lights just like a woodstove - Ignite a small wood fire, then switch to coal. Thanks to its very long, overnight-times-two burn times, you may only have to light it once a year! The coal fuel hopper can be removed for easy lighting. (EPA-exempt as a certified “coal only” appliance.)

***Your perfect “power out” appliance*** - No other alternative fuel appliance has a longer burn time and never needs electric! The gentle red glow of the coal fire provides romantic night light all through the night. And, there’s even a cook-top that gets hot enough to boil water!

***Easy operation*** - You can enjoy those nearly endless burn times thanks to the bi-metallic coil thermostat, which automatically maintains the burn rate you establish. The “no bending” load-from-the-top form factor saves you labor! The shaking grate and high volume ash pan save work on the clean up, too.

***Anthracite coal is America’s choice*** - The USA has nearly an inexhaustible supply of coal. Anthracite is nearly pure carbon. It burns clean and efficiently (up to 73% in this model). Unlike other fuels, it’s not affected by rain and can be stored outside. It’s available in convenient and clean bags or, in many areas, can be purchased in bulk at lower cost.



# SPECIFICATIONS

	S33 (Medium)	S43 (Large)	Stanford 80 (Medium)	Stanford 140 (Large)	Harmony I (Medium)	Harmony III (Large)	Long-Burn Coal Stove
Height	29.75"	31.6"	28.5"	31.1"	26.5"	29.25"	29.25"
Width	25"	29"	24"	29"	23.75"	29.1"	29"
Depth	15.5"	20"	16.5"	21"	16"	19"	19"
Max Log Length	17"	22"	19"	24"	19"	24"	Not Applicable
Side Door			9" H x 7" W	8.5" H x 8" W	9" H x 7" W	8.5" H x 8" W	8.5" H x 8" W
Firebox	1.71 cu ft	2.4 cu ft	1.7 cu ft	2.9 cu ft	1.7 cu ft	2.9 cu ft	2.9 cu ft
Heating Capacity	1,200 – 1,600 sq ft	1,400 – 1,900 sq ft	1,200 – 1,500 sq ft	1,500 – 2,000 sq ft	1,200 – 1,500 sq ft	1,500 – 2,000 sq ft	1,200 – 2,000 sq ft
Maximum BTU	59,000	90,000	87,600	96,600	87,600	96,600	97,000
Max Burn Time	10 hours	10 hours	8 hours	10 hours	8 hours	10 hours	48 hours
Peak Efficiency	80%	80%	77%	75.7%	77%	75.7%	80.5%
EPA Approved	Yes, 3.43 gr/hr	Yes, 4.24 gr/hr	Yes, 4.42 gr/hr	Yes, 2.72 gr/hr	Yes, 4.42 gr/hr	Yes, 2.72 gr/hr	EPA Exempt
Rear Clearance*	13"	Low as 13"	24"	13"	24"	13"	24"
Rear clearance with double wall pipe*	12"	9.5"	18"	10"	18"	10"	24"
Side clearance*	9"	11"	18"	17"	18"	17"	16"
Corner Clearance*	7"	6"	11"	7"	11"	7"	15"
Hearth Requirements	35" W x 36.5" D	45" W x 44" D	48" W x 40.5" D	53" W x 45" D	47.75" W x 40" D	53.25" W x 43" D	53.1" W x 33" D
Top Vent	Yes, 6" diam	Yes, 6" diam	Yes, 6" diam	Yes, 6" diam	Yes, 6" diam	Yes, 6" diam	
Rear Vent		Yes, 6" diam, 28.4" to top					Yes, 6" diam 25.4" to top
Alcove approved	Yes, see manual	Yes, see manual					
Mobile Home approved		Yes, see manual					
Shipping Weight	358 lb	454 lb	348 lb	489 lb	315 lb	464 lb	460 lb

\* Thanks to Efel engineering, no expensive optional heat shields required. You can reduce clearances just by using UL-Listed Double Wall Stove Pipe. And, only UL "Type 1" ember protection is needed on the floor.  
 IMPORTANT: Specifications, clearances and installation requirements subject to change. Always refer to the Owner's Manual for details.



