





THE COST STOVES AMI FIRES

Wood Burning &
Multi-Fuel

With Effective And Performance

Inset Fires and built-in Fireplace

Focus On Multi-Fuel Stoves,
Wood Burning Inserts For 17 Years.

LOVE, LIGHT, GLORY!



General Product Advantages For New Stoves



Airwash System

Airwash system can prevent soot particles from sticking to the glass by controlling the airflow. Then the glass can keep clear and client can enjoy a clear view of the flames.



Cleanburn System

Cleanburning is achieved by re-igniting volatile by products of the initial burning. Thus this reduces emissions and ash deposits effectively.



Convection System

The cold air will enter into the stove from the bottom first and emit heated air on the top part, which creates well air circulation. It is helpful to deliver heat.



Outside Air Kit

Outside air kit is available for all our stoves. It is directly connected to the outside air when the room requires an additional air supply.



Top Or Rear Flue Option

Except 5-i and 9-i, stoves in this brochure can also be connected to the chimney at the rear as well as from at the top.



Enamel Colors Option

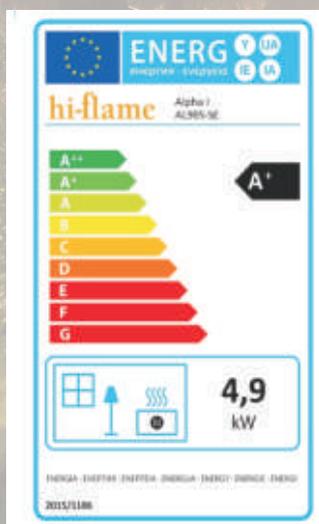
Enamel finish is heat resistant, easy to clean and maintain. There are various colors for you to choose. With that it is easy to transform your interior.

Ecodesign Ready

Ecodesign will become mandatory for all stoves by 2022. It means low CO emissions and high efficiency. Usually its core parameters include carbon monoxide (CO), nitrogen oxide (NOx) organic gaseous compounds (OGCs) and particulates (PMs).

All our Ecodesign ready stoves are designed to meet this air quality standards, which are the most environmentally friendly stoves available on the market. With performance report from SGS Netherland, all stoves are totally in accord with Ecodesign 2022 standard and DIN+ with the environmentally friendly.

According to European energy labeling standard, all stoves in this brochure are rated as either A or A+ energy class appliances. We are willing to play a part in improving our environment through lower emissions produced.



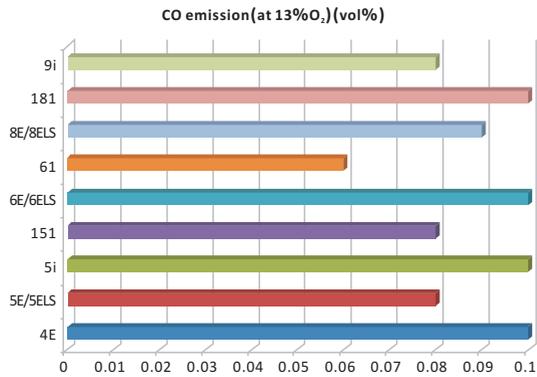
All
Stoves
Eco-design
Ready

Exceeding Ecodesign

4E 5E/5ELS 5i 151 6E/6ELS 61 8E/8ELS 181 9i

EXCEEDING ECO at 13% O₂

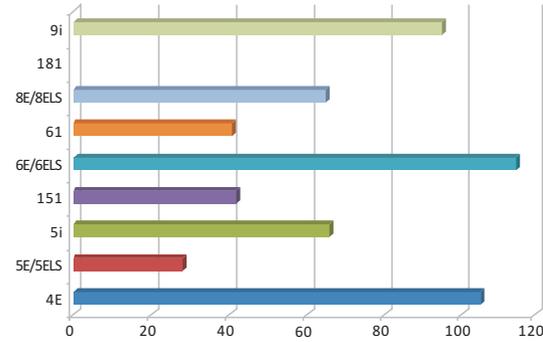
Ecodesign limits are set to dramatically reduce the current Carbon Monoxide emission limits by a massive 88%, from 1% at 13% O₂ to 0.12%. Our models burn clean enough to meet this stringent forthcoming standard.



OGC or CnHm (at 13% O₂) (mg/m³)

OGCs (Organic Gaseous Compounds) mg/m³

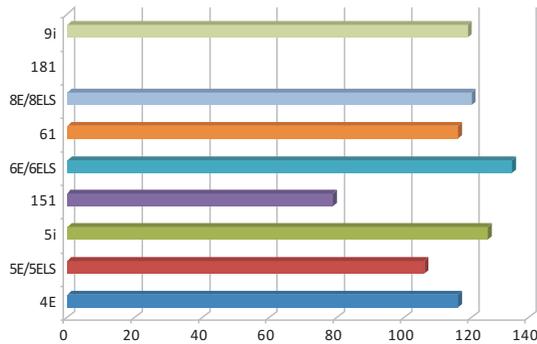
OGCs are also an important requirement of the forthcoming 2022 Ecodesign standard. All HiFlame Ecodesign ranges(AME) fall comfortably below this exacting emission target resulting in a range of truly environmentally friendly products.



NOx (at 13% O₂) (mg/m³)

Nox (Nitrogen Oxides) mg/m³

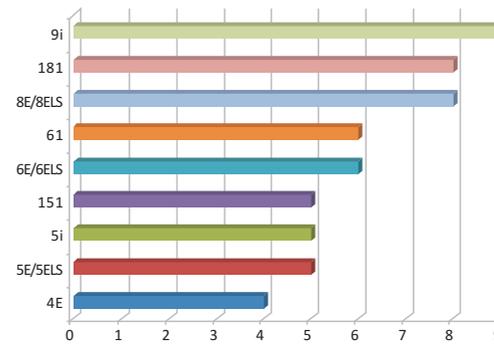
Nitrogen oxides affect air quality and are another emission requirement of Ecodesign. All HiFlame Ecodesign stoves(AME) demonstrate Nox emissions so low, well below the permitted amount.



Output (KW)

Output in KW

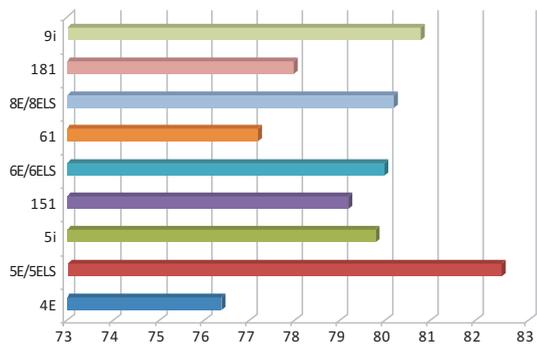
AMI Ecodesign stoves output from 4 kw to 9 kw.



Total efficiency (%)

Total Efficiency %

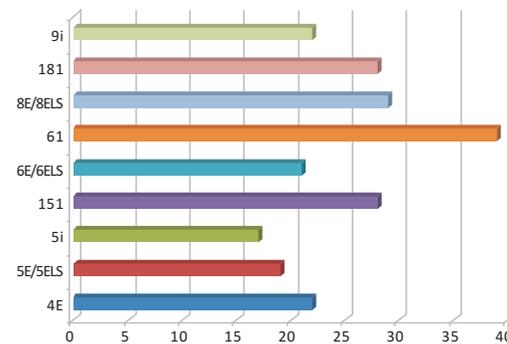
Balancing a stove's efficiency with cleanliness of burning is a precise science, requiring expert engineering and meticulous testing. HiFlame stoves focus on delivering the cleanest burn possible whilst still surpassing the 2022 Ecodesign Efficiency target of 72.3%, resulting in a range of truly environmentally friendly products.



PM or dust (at 13% O₂) (mg/m³)

PM (Particulate Matter) mg/m³

Although PMs are currently measured for smokeless zone requirements (DIN+ and Ecodesign 2022 Limit 40), the Ecodesign emission levels are much tighter than those currently permitted for smokeless zones. Our Ecodesign stoves burn well below future PM targets, with some models generating only a third of the amount of PM permitted emissions.







4E

Total efficiency (%): 76.4

DIN Plus dust (at 13%O₂)(mg/m³): 22

Nominal heat output (KW): 4

Mean CO emission (at 13%O₂)(vol%): 0.1

Mean CnHm (at 13%O₂)(mg/m³): 105

Mean NOx (at 13%O₂)(mg/m³): 116

Net weight (kg): 45

Overall dimensions: H455 W370 D395 mm

Flue outlet: 125mm / 5"



AIR WASH



CLEAN
BURNING

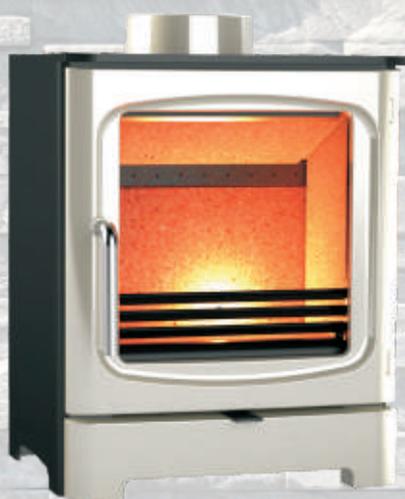
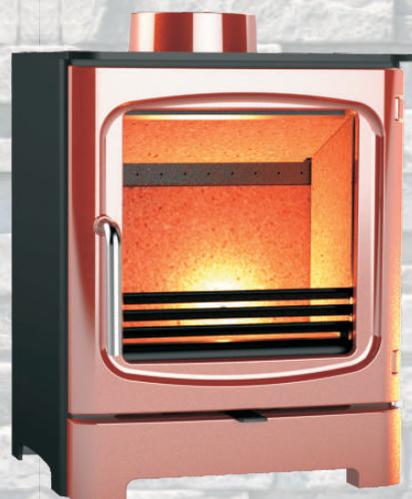


OUTSIDE
AIR KIT

A



CE



ENAMEL FINISH



4E-LS



Total efficiency (%): 76.4

DIN Plus dust (at 13%O₂)(mg/m³): 22

Nominal heat output (KW): 4

Mean CO emission (at 13%O₂)(vol%): 0.1

Mean CnHm (at 13%O₂)(mg/m³): 105

Mean NOx (at 13%O₂)(mg/m³): 116

Net weight (kg): 45

Overall dimensions: H455 W370 D395 mm

Flue outlet: 125mm / 5"



AIR WASH



CLEAN
BURNING



OUTSIDE
AIR KIT



ENAMEL FINISH





5 E

Total efficiency (%): 82.6

DIN Plus dust (at 13%O₂)(mg/m³): 19

Nominal heat output (KW): 5

Mean CO emission (at 13%O₂)(vol%): 0.08

Mean CnHm (at 13%O₂)(mg/m³): 28

Mean NOx (at 13%O₂)(mg/m³): 106

Net weight (kg): 57.4

Overall dimensions: H528 W387 D425 mm

Flue outlet: 125mm / 5"



AIR WASH



CLEAN
BURNING



OUTSIDE
AIR KIT



TOP OR
REAR FLUE



ENAMEL FINISH





5E-LS

Total efficiency (%): 82.6

DIN Plus dust (at 13%O₂)(mg/m³): 19

Nominal heat output (KW): 5

Mean CO emission (at 13%O₂)(vol%): 0.08

Mean CnHm (at 13%O₂)(mg/m³): 28

Mean NOx (at 13%O₂)(mg/m³): 106

Net weight (kg): 71.4

Overall dimensions: H680 W387 D425 mm

Flue outlet: 125mm / 5"



AIR WASH



CLEAN
BURNING



OUTSIDE
AIR KIT



TOP OR
REAR FLUE



ENAMEL FINISH





6E

Total efficiency (%): 80

DIN Plus dust (at 13%O₂)(mg/m³): 21

Nominal heat output (KW): 6

Mean CO emission (at 13%O₂)(vol%): 0.1

Mean CnHm (at 13%O₂)(mg/m³): 114

Mean NOx (at 13%O₂)(mg/m³): 132

Net weight (kg): 88

Overall dimensions: H532 W582 D425 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN BURNING



OUTSIDE AIR KIT



TOP OR REAR FLUE



ENAMEL FINISH





6E-LS

Total efficiency (%): 80

DIN Plus dust (at 13%O₂)(mg/m³): 21

Nominal heat output (KW): 6

Mean CO emission (at 13%O₂)(vol%): 0.1

Mean CnHm (at 13%O₂)(mg/m³): 261

Mean NOx (at 13%O₂)(mg/m³): 132

Net weight (kg): 92

Overall dimensions: H720 W582 D425 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN
BURNING



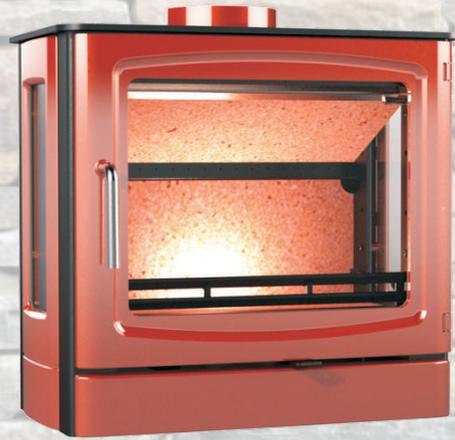
OUTSIDE
AIR KIT



TOP OR
REAR FLUE



ENAMEL FINISH



8 E



Total efficiency (%): 80.2

DIN Plus dust (at 13%O₂)(mg/m³): 29

Nominal heat output (KW): 8

Mean CO emission (at 13%O₂)(vol%): 0.09

Mean CnHm (at 13%O₂)(mg/m³): 65

Mean NOx (at 13%O₂)(mg/m³): 120

Net weight (kg): 93.4

Overall dimensions: H532 W582 D425 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN BURNING



OUTSIDE AIR KIT



TOP OR REAR FLUE

A+



CE



ENAMEL FINISH





8E-LS

Total efficiency (%): 80.2

DIN Plus dust (at 13%O₂)(mg/m³): 29

Nominal heat output (KW): 8

Mean CO emission (at 13%O₂)(vol%): 0.09

Mean CnHm (at 13%O₂)(mg/m³): 65

Mean NOx (at 13%O₂)(mg/m³): 120

Net weight (kg): 108

Overall dimensions: H720 W582 D425 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN
BURNING



OUTSIDE
AIR KIT



TOP OR
REAR FLUE



ENAMEL FINISH





6 | F

Total efficiency (%): 77.2

DIN Plus dust (at 13%O₂)(mg/m³): 39

Nominal heat output (KW): 5.9

Mean CO emission (at 13%O₂)(vol%): 0.06

Mean CnHm (at 13%O₂)(mg/m³): 41

Mean NOx (at 13%O₂)(mg/m³): 116

Net weight (kg): 81.6

Overall dimensions: H720 W466 D415 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN
BURNING



OUTSIDE
AIR KIT



TOP OR
REAR FLUE



ENAMEL FINISH





6 | F-P

Total efficiency (%): 77.2

DIN Plus dust (at 13%O₂)(mg/m³): 39

Nominal heat output (KW): 5.9

Mean CO emission (at 13%O₂)(vol%): 0.06

Mean CnHm (at 13%O₂)(mg/m³): 41

Mean NOx (at 13%O₂)(mg/m³): 116

Net weight (kg): 81.6

Overall dimensions: H720 W466 D415 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN BURNING



OUTSIDE AIR KIT



TOP OR REAR FLUE



ENAMEL FINISH





6 | L

Total efficiency (%): 77.2

DIN Plus dust (at 13%O₂)(mg/m³): 39

Nominal heat output (KW): 5.9

Mean CO emission (at 13%O₂)(vol%): 0.06

Mean CnHm (at 13%O₂)(mg/m³): 41

Mean NOx (at 13%O₂)(mg/m³): 116

Net weight (kg): 85

Overall dimensions: H921 W466 D415 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN BURNING



OUTSIDE AIR KIT



TOP OR REAR FLUE



ENAMEL FINISH





6 | L-P

Total efficiency (%): 77.2

DIN Plus dust (at 13%O₂)(mg/m³): 39

Nominal heat output (KW): 5.9

Mean CO emission (at 13%O₂)(vol%): 0.06

Mean CnHm (at 13%O₂)(mg/m³): 41

Mean NOx (at 13%O₂)(mg/m³): 116

Net weight (kg): 85

Overall dimensions: H921 W466 D415 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN BURNING



OUTSIDE AIR KIT



TOP OR REAR FLUE



ENAMEL FINISH





6 | LD

Total efficiency (%): 77.2

DIN Plus dust (at 13%O₂)(mg/m³): 39

Nominal heat output (KW): 5.9

Mean CO emission (at 13%O₂)(vol%): 0.06

Mean CnHm (at 13%O₂)(mg/m³): 41

Mean NOx (at 13%O₂)(mg/m³): 116

Net weight (kg): 90.6

Overall dimensions: H921 W466 D415 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN BURNING



OUTSIDE AIR KIT



TOP OR REAR FLUE



ENAMEL FINISH





6 | LD-P

Total efficiency (%): 77.2

DIN Plus dust (at 13%O₂)(mg/m³): 39

Nominal heat output (KW): 5.9

Mean CO emission (at 13%O₂)(vol%): 0.06

Mean CnHm (at 13%O₂)(mg/m³): 41

Mean NOx (at 13%O₂)(mg/m³): 116

Net weight (kg): 90.6

Overall dimensions: H921 W466 D415 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN BURNING



OUTSIDE AIR KIT



TOP OR REAR FLUE



ENAMEL FINISH





61T

Total efficiency (%): 77.2

DIN Plus dust (at 13%O₂)(mg/m³): 39

Nominal heat output (KW): 5.9

Mean CO emission (at 13%O₂)(vol%): 0.06

Mean CnHm (at 13%O₂)(mg/m³): 41

Mean NOx (at 13%O₂)(mg/m³): 116

Net weight (kg): 87

Overall dimensions: H921 W466 D415 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN
BURNING



OUTSIDE
AIR KIT



TOP OR
REAR FLUE



ENAMEL FINISH





6 | T-P

Total efficiency (%): 77.2

DIN Plus dust (at 13%O₂)(mg/m³): 39

Nominal heat output (KW): 5.9

Mean CO emission (at 13%O₂)(vol%): 0.06

Mean CnHm (at 13%O₂)(mg/m³): 41

Mean NOx (at 13%O₂)(mg/m³): 116

Net weight (kg): 87

Overall dimensions: H921 W466 D415 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN
BURNING



OUTSIDE
AIR KIT



TOP OR
REAR FLUE



ENAMEL FINISH



151



Total efficiency (%): 79.2

DIN Plus dust (at 13%O₂)(mg/m³): 28

Nominal heat output (KW): 5

Mean CO emission (at 13%O₂)(vol%): 0.08

Mean CnHm (at 13%O₂)(mg/m³): 42

Mean NOx (at 13%O₂)(mg/m³): 79

Net weight (kg): 120.6

Overall dimensions: H656 W524 D454 mm

Flue outlet: 125mm / 5"



AIR WASH



CLEAN
BURNING



OUTSIDE
AIR KIT



TOP OR
REAR FLUE



CONVECTION
SYSTEM



ENAMEL FINISH



181 is the perfect embodiment of old and new. Traditional casting beauty is appreciated by all people since cast iron is known for its heat retention, which is the reason why we use it here. The heat won't lose largely when the stove releases heat into the room. By combining traditional elements with Considering that enamel finish is heat resistant, easy to clean and maintain, enamel finish is also a very popular choice.



181



Total efficiency (%): 78

DIN Plus dust (at 13%O₂)(mg/m³): 28

Nominal heat output (KW): 8

Mean CO emission (at 13%O₂)(vol%): 0.1

Mean CnHm (at 13%O₂)(mg/m³): 42

Mean NOx (at 13%O₂)(mg/m³): 79

Net weight (kg): 178.6

Overall dimensions: H792 W654 D538 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN
BURNING



OUTSIDE
AIR KIT



TOP OR
REAR FLUE



CONVECTION
SYSTEM



ENAMEL FINISH



5 i



Total efficiency (%): 79.8

DIN Plus dust (at 13%O₂)(mg/m³): 17

Nominal heat output (KW): 4.9

Mean CO emission (at 13%O₂)(vol%): 0.1

Mean CnHm (at 13%O₂)(mg/m³): 66

Mean NOx (at 13%O₂)(mg/m³): 125

Net weight (kg): 80

Overall dimensions: H632 W505 D440 mm

Flue outlet: 125mm / 5"



AIR WASH



CLEAN
BURNING



OUTSIDE
AIR KIT



CONVECTION
SYSTEM





5 i-CLASSIC



Total efficiency (%): 77.2

DIN Plus dust (at 13%O₂)(mg/m³): 39

Nominal heat output (KW): 5.9

Mean CO emission (at 13%O₂)(vol%): 0.06

Mean CnHm (at 13%O₂)(mg/m³): 41

Mean NOx (at 13%O₂)(mg/m³): 116

Net weight (kg): 81.6

Overall dimensions: H740 W466 D415 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN
BURNING



OUTSIDE
AIR KIT



TOP OR
REAR FLUE





9 i



Total efficiency (%): 80.8

DIN Plus dust (at 13%O₂)(mg/m³): 22

Nominal heat output (KW): 8.7

Mean CO emission (at 13%O₂)(vol%): 0.08

Mean CnHm (at 13%O₂)(mg/m³): 95

Mean NOx (at 13%O₂)(mg/m³): 119

Net weight (kg): 150.6

Overall dimensions: H500 W635 D463 mm

Flue outlet: 150mm / 6"



AIR WASH



CLEAN
BURNING



OUTSIDE
AIR KIT



CONVECTION
SYSTEM





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