



*Ultra-Clean multifuel woodburners and boiler stoves.
All DEFRA exempt for use in any smoke control area.*

ekol

Equally at home in the City or Countryside, all Ekol stoves can be used to burn wood in any area of the UK. All models are so Ultra Clean Burning, they are up to 8 times cleaner than the required standard for smoke control areas. All are officially recognised by DEFRA as exempt appliances.

Designed and developed in Dorset, England, the Ekol range of multifuel stoves is the result of many thousands of hours of state of the art research and development to create the most efficient, cleanest, most durable and easy to use stoves possible. All have advanced Clearglass airwash system and optional mirrored glass.

Ekol have developed a range of 'Crystal' Cast Iron models as well as the Hybrid 'Clarity' range, utilising an optimised choice of Cast Iron components along with precision engineered heavy gauge steel and refractory firebrick linings. All share the same advanced cleanburn technology.

We have created the first ever double-sided stove suitable for smoke control areas.

Also available are our boiler models, amongst an elite selection of boiler stoves available which can legally be used to burn wood anywhere in the UK. All models are BS and CE approved for use throughout Europe.

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clarity



clarity 5 high



The Ultra-Cleanburning Technology of Ekol stoves which achieves DEFRA Exempt status also makes for an easy to use, highly efficient stove with a unique flame pattern that is simply mesmerising.

Less ash is produced, the glass window stays amazingly clear and less cleaning of the stove and chimney is required.

The result is a much improved experience taking the effort out of wood-burning.

The Clarity range are a State-Of-the Art Hybrid stove, using the ultimate combination of heavy cast iron inner components along with dense refractory firebrick linings and precision engineered outer steel shell up to 10mm thick.

Available in low and high bodied versions, all are designed with large window for maximum views of the fire.

clarity 5

Key Features

High Efficiency	✓ 80.3%
Ultra Clean Burn	✓
Multifuel Ready	✓
Advanced Airwash	✓
Optimum Heat Output Range	2 to 5kW
Optional Mirror Glass	✓
Maximum Log Length	10"/250mm
5 Year Guarantee	✓
DEFRA Exempt for Smokeless Zones	✓
Large View Ceramic Glass	✓
Black Finish	✓
Flue Outlet Top or Rear	5"(125mm)
Room Vent Not Normally Needed	✓
Option of Low or High Body	✓
Suitable for Use on 12mm Hearth	✓
Fits Standard 16" by 22" Opening (Low version)	✓



clarity 5 low



clarity 8 high



clarity 8 low



clarity 12 high



clarity 8

Key Features

High Efficiency	✓ 78%
Ultra Clean Burn	✓
Multifuel Ready	✓
Advanced Airwash	✓
Optimum Heat Output Range	3 to 8kW
Optional Mirror Glass	✓
Maximum Log Length	12"/300mm
5 Year Guarantee	✓
DEFRA Exempt for Smokeless Zones	✓
Large View Ceramic Glass	✓
Black Finish	✓
Flue Outlet Top or Rear	5"(125mm)
Option of Low or High Body	✓
Suitable for Use on 12mm Hearth	✓



clarity 12

Key Features

High Efficiency	✓ 77%
Ultra Clean Burn	✓
Multifuel Ready	✓
Advanced Airwash	✓
Optimum Heat Output Range	4 to 12kW
Optional Mirror Glass	✓
Maximum Log Length	18"/450mm
5 Year Guarantee	✓
DEFRA Exempt for Smokeless Zones	✓
Large View Ceramic Glass	✓
Black Finish	✓
Flue Outlet Top or Rear	6"(150mm)
Option of Low or High Body	✓
Suitable for Use on 12mm Hearth	✓



clarity 12 low



clarity double sided low



clarity double sided high



Introducing the first double sided stove ever to pass the stringent legal testing required for smoke control areas (DEFRA Exemption/Approval).

Many experienced manufacturers have attempted this without success.

Ekol's Advanced Combustion Research Facility enabled the Clarity double sided to achieve this though, and is in fact many times cleaner than the required standard.

Sit back and watch through large crystal-clear windows both sides. Bridge two rooms through a central chimney or place anywhere in your room for a stunning centre-piece.



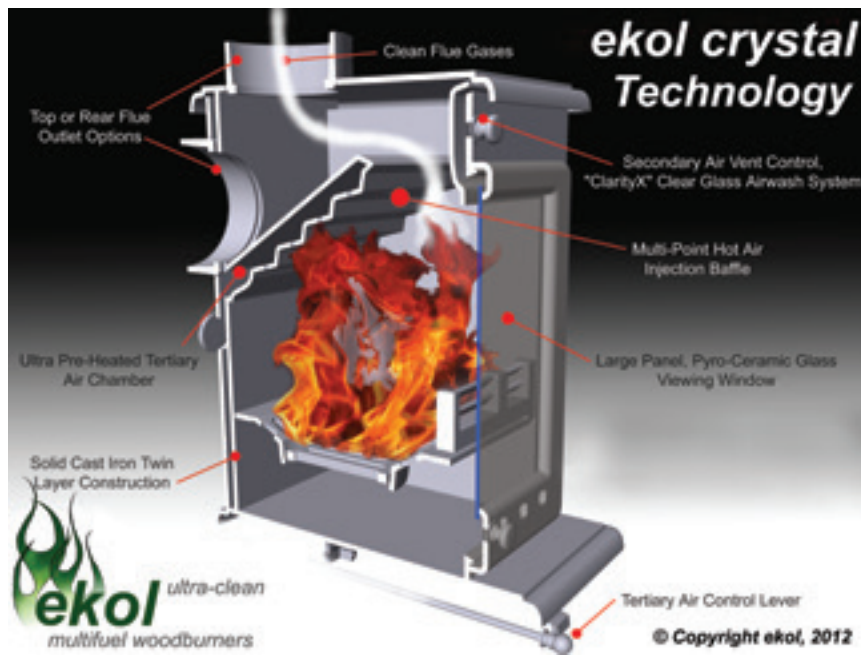
double sided

clarity

Key Features	
High Efficiency	✓ 73.3%
Ultra Clean Burn	✓
Multifuel Ready	✓
Advanced Airwash	✓
Heat Output Range	5 to 14kW
Optional Mirror Glass	✓
Maximum Log Length	18"/450mm
5 Year Guarantee	✓
DEFRA Exempt for Smokeless Zones	✓
First Double Sided DEFRA Stove Ever	✓
Large View Ceramic Glass	✓
Black Finish	✓
Top Flue Outlet	6"(150mm)
Option of Low or High Body	✓
Suitable for Use on 12mm Hearth	✓



crystal



The 'Crystal' range share the same clean-burn technology as the 'Clarity' stoves.

All Ekol Crystal stoves are hand made with traditional solid cast iron construction in the same way stoves have been made for the last 200 years, but using the latest technological advances in the firebox and air-flow design.

The result is a truly advanced stove which is highly efficient, ultra clean-burning, simple to operate, with robust durable construction throughout and no delicate parts to go wrong.

Available in 5, 8 and 12 kilowatt sizes, and as with all Ekol stoves each model has a broad range of efficient operating outputs.

The Crystal 5 model, is along with the Clarity 5, one of the few stoves in the UK capable of being installed into a standard 16" wide fireplace opening.

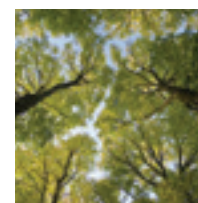
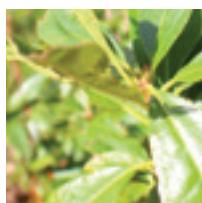


crystal 5

Key Features

High Efficiency	✓ 80.3%
Ultra Clean Burn	✓
Multifuel Ready	✓
Advanced Airwash	✓
Optimum Heat Output Range	2 to 5kW
Optional Mirror Glass	✓
Maximum Log Length	10"/250mm
5 Year Guarantee	✓
DEFRA Exempt for Smokeless Zones	✓
Large View Ceramic Glass	✓
Black Finish	✓
Flue Outlet Top or Rear	5"(125mm)
Room Vent Not Normally Needed	✓
Suitable for Use on 12mm Hearth	✓
Fits Standard 16" by 22" Opening	✓





crystal 8

Key Features

High Efficiency	✓ 78%
Ultra Clean Burn	✓
Multifuel Ready	✓
Advanced Airwash	✓
Optimum Heat Output Range	3 to 8kW
Optional Mirror Glass	✓
Maximum Log Length	12"/300mm
5 Year Guarantee	✓
DEFRA Exempt for Smokeless Zones	✓
Large View Ceramic Glass	✓
Black Finish	✓
Flue Outlet Top or Rear	5"(125mm)
Suitable for Use on 12mm Hearth	✓



crystal 12

Key Features

High Efficiency	✓ 77%
Ultra Clean Burn	✓
Multifuel Ready	✓
Advanced Airwash	✓
Optimum Heat Output Range	4 to 12kW
Optional Mirror Glass	✓
Maximum Log Length	18"/450mm
5 Year Guarantee	✓
DEFRA Exempt for Smokeless Zones	✓
Large View Ceramic Glass	✓
Black Finish	✓
Flue Outlet Top or Rear	6"(150mm)
Suitable for Use on 12mm Hearth	✓



ekol insets



inset 5 8

Key Features

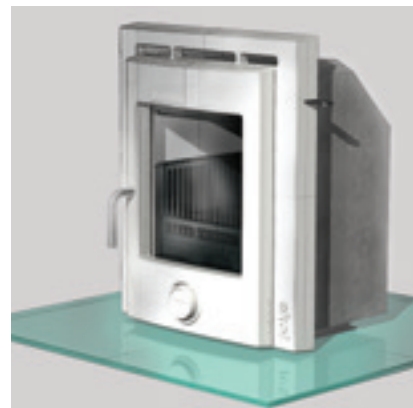
High Efficiency	✓ 78.5%	✓ 78.5%
Ultra Clean Burn	✓	✓
Multifuel Ready	✓	✓
Advanced Airwash	✓	✓
Optimum Heat Output Range	2 to 5kW	3 to 8kW
Optional Mirror Glass	✓	✓
Maximum Log Length	10"/250mm	10"/250mm
5 Year Guarantee	✓	✓
DEFRA Exempt for Smokeless Zones	✓	✓
Large View Ceramic Glass	✓	✓
Choice of 4 Colours	✓	✓
Flue Outlet	5"(125mm)	5"(125mm)
Room Vent Not Normally Needed	✓	✓
Large Firebox	✓	✓
Fits Standard 16" by 22" Fireplace (or larger openings upto 19" wide)	✓	✓
Simple 'Slot In' Installation	✓	✓

Available in:

- Deep Red Enamel
- Gloss Black Enamel
- Light Ivory Enamel
- Matt Black



ekol insets



Here at Ekol we use State-of-the-Art CAD design alongside Fluid-Dynamics research and development tools. We strive to achieve the 'perfect burn' so that your experience with your new stove is close to effortless.

Our Inset models are designed to fit into a standard fireplace opening with fireback removed, but equally could be built into the wall higher up for a more contemporary feel.

clarity boiler stoves



clarity 20 boiler



clarity 30 boiler



There are just a tiny handful of DEFRA Exempt boiler stoves available in the UK. This is due to the fact that boiler stoves by their nature, are far more likely to create smoke. To create a clean-burning boiler stove requires a particularly advanced stove design.

At our Advanced Combustion Research Facility we have been able to achieve this by optimising every element of the stove design.

Available in two sizes, they can provide hot water and central heating for up to 18 radiators (Clarity 30) when burning anthracite, or up to 12 radiators (Clarity 20) - (dependent on system and property requirements).

Both the Clarity 20 and Clarity 30 can burn wood logs as well as anthracite and other similar type solid fuels.

For easy maintenance, access to chimney flue for cleaning is possible through the stove.

clarity boiler 20 30

Key Features	20	30
High Efficiency	✓ up to 78.6%	✓ up to 75.3%
Ultra Clean Burn	✓	✓
Wood or Multifuel	✓	✓
Rapid Water Heating	✓	✓
Advanced Airwash	✓	✓
Heat Output Range	7 to 20kW	9 to 30kW
Nominal Output on Wood	5.7kW to room, 8.3kW to water	9kW to room, 10.2kW to water
Nominal Output Anthracite	7.6kW to room, 12.8kW to water	12.2kW to room, 18.3kW to water
For Use in Open Vented Systems	✓	✓
4x 1" BSP water Connections	✓	✓
Thermostat Control	✓	✓
Optional Mirror Glass	✓	✓
Maximum Log Length	19"/475mm	21"/525mm
5 Year Guarantee	✓	✓
DEFRA Exempt for Smokeless Zones	✓	✓
Large View Ceramic Glass	✓	✓
Black Finish	✓	✓
Flue Outlet Top or Rear	6"(150mm)	6"(150mm)
Option of Low or High Body	✓	✓
Suitable for use on 12mm Hearth	✓	✓



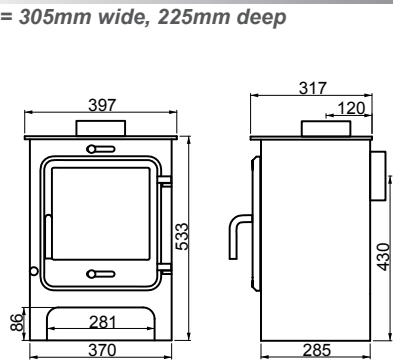
dimensions

All dimensions in mm. Do not scale from drawings.

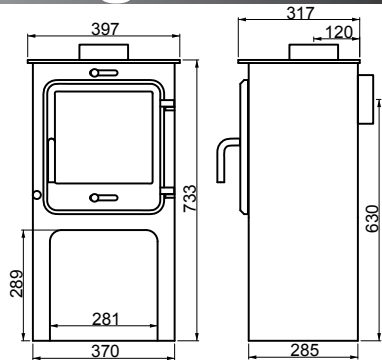
clarity 5

low Weight = 67kgs

Firebox = 305mm wide, 225mm deep



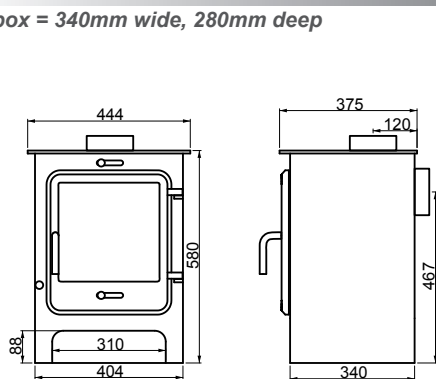
high Weight = 72kgs



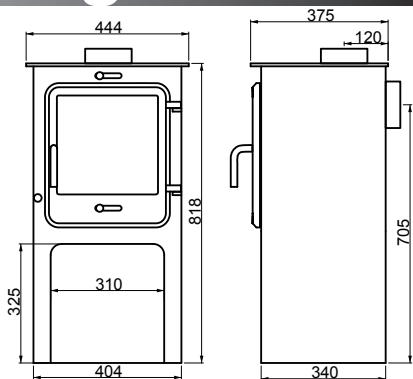
clarity 8

low Weight = 85kgs

Firebox = 340mm wide, 280mm deep



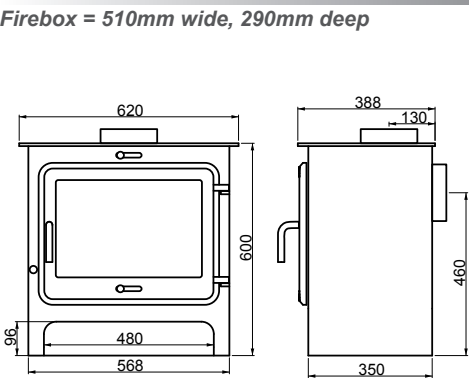
high Weight = 94kgs



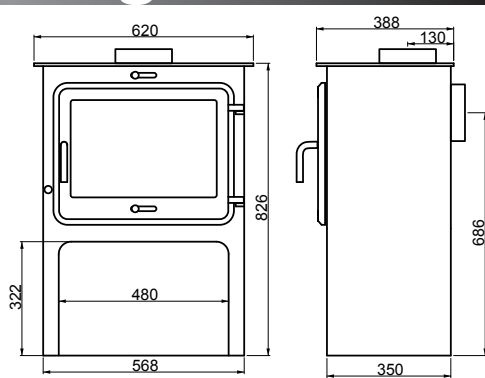
clarity 12

low Weight = 125kgs

Firebox = 510mm wide, 290mm deep



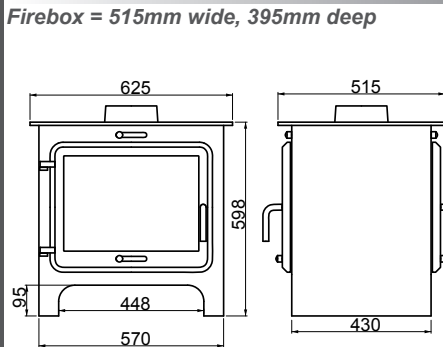
high Weight = 136kgs



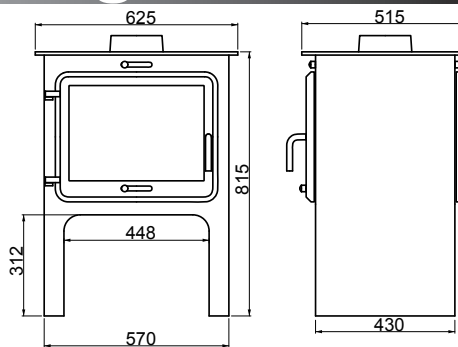
double sided

low Weight = 137kgs

Firebox = 515mm wide, 395mm deep

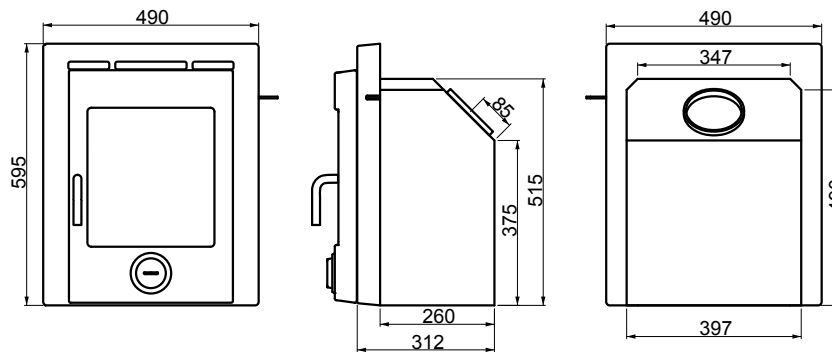


high Weight = 152kgs



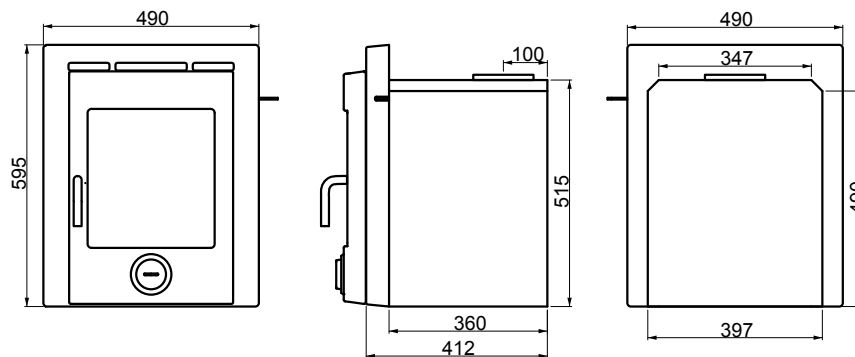
inset 5

Weight = 77kgs, Firebox = 305mm wide, 225mm deep



inset 8

Weight = 92kgs, Firebox = 305mm wide, 325mm deep

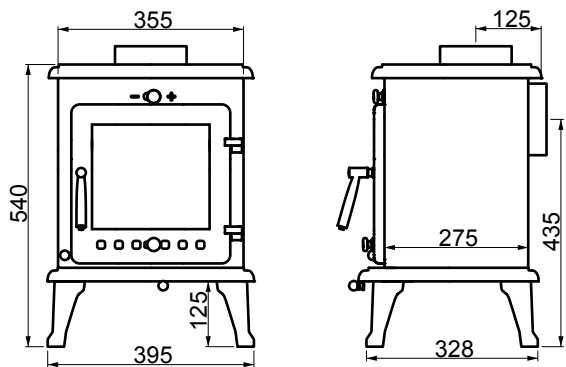


dimensions

All dimensions in mm. Do not scale from drawings.

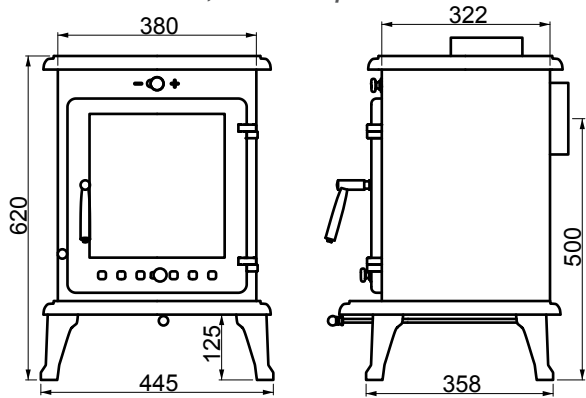
crystal 5

Weight = 67kgs, Firebox = 320mm wide, 220mm deep



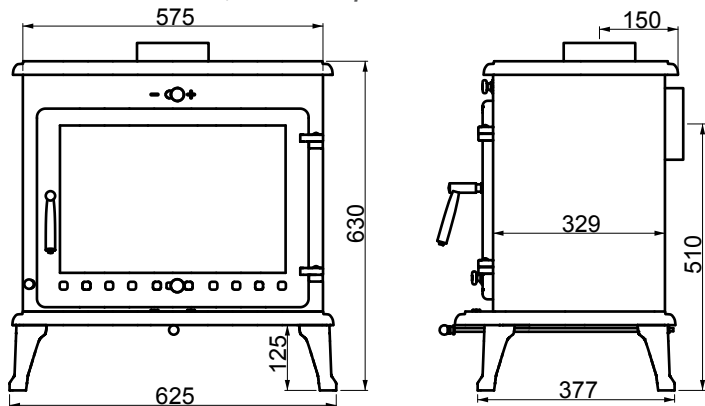
crystal 8

Weight = 85kgs, Firebox = 340mm wide, 260mm deep



crystal 12

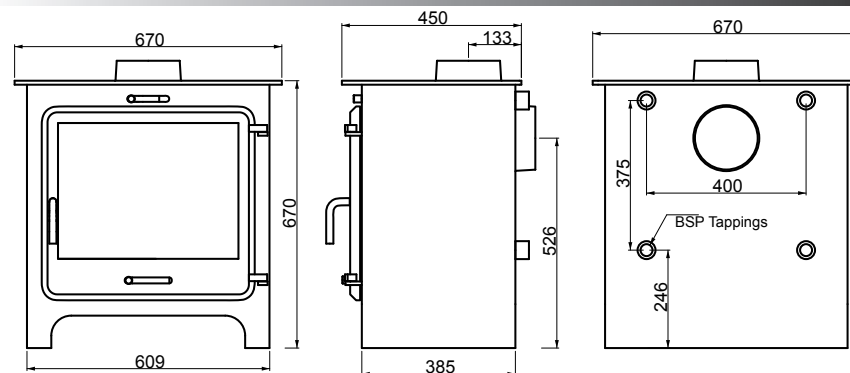
Weight = 130kgs, Firebox = 500mm wide, 275mm deep



clarity 20

boiler

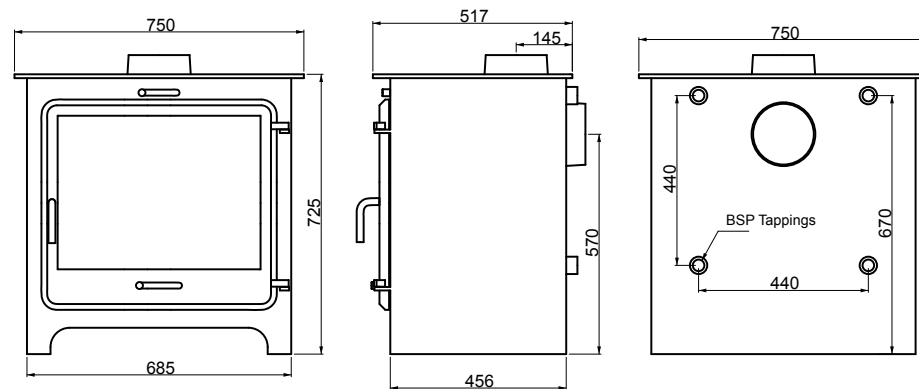
Weight = 180kgs, Firebox max'= up to 520mm wide by 315mm deep



clarity 30

boiler

Weight = 220kgs, Firebox max'= up to 595mm wide by 385mm deep



Further specifications on all models can be found on the website www.defrastoves.com

All Ekol models come with 5 Year Limited Warranty when purchased through an authorised dealer. Full details can be found on the website.

clarity 5 low



clarity 5 high



clarity 8 low



clarity 8 high



clarity 12 low



clarity 12 high



clarity double sided low



clarity double sided high



crystal 5



crystal 8



crystal 12



ekol inset 5 and 8



clarity 20 boiler



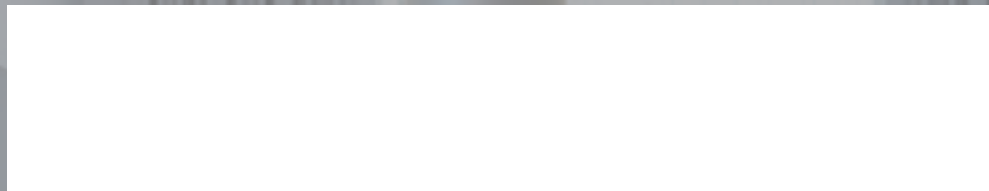
clarity 30 boiler



model	code	model	code
clarity 5 low	CLA-5-L	inset 5 Matt Black	IN-5-MB
clarity 5 high	CLA-5-H	inset 5 Red enamel	IN-5-RE
clarity 8 low	CLA-8-L	inset 5 Ivory enamel	IN-5-IE
clarity 8 high	CLA-8-H	inset 5 Black enamel	IN-5-BE
clarity 12 low	CLA-12-L	inset 8 Matt Black	IN-8-MB
clarity 12 high	CLA-12-H	inset 8 Red enamel	IN-8-RE
clarity double low	DUB-L	inset 8 Ivory enamel	IN-8-IE
clarity double high	DUB-H	inset 8 Black enamel	IN-8-BE
crystal 5	CRYS-5	clarity 20 Boiler	CL-20-B
crystal 8	CRYS-8	clarity 30 Boiler	CL-30-B
crystal 12	CRYS-12		

All models available with optional Mirror Glass (this appears totally clear when the fire is on). Add 'MIR' to end of product code to add this option, otherwise regular clear glass will be supplied.

Your nearest specialist Ekol dealership:



*Further details on the range and showrooms can be found at www.defrastoves.com
You can also contact us directly at Ekol for technical advice 01929 555211.*

