



Leading the way in  
**Sustainable  
Home Heating**

*An rogha is fearr*

# Envirogreen™ Boiler Range

Cutting edge Low  
No<sub>x</sub> Liquid Fuel  
Burner Technology



Most  
Efficient Boiler  
in Europe

Beats  
European No<sub>x</sub>  
Levels with  
results as low  
as 60mg per  
kW/h



Environment



Innovation



Technology

**5 Year Warranty**

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# Taking Boiler Technology to the Next Level

Established in Ireland in 1980, the Firebird name has become synonymous with performance, quality and innovative design.

Firebird are 100% Irish and are proud to be based in the hearth of the Múscraí Gaeltacht.

At the forefront of technology, Firebird are committed to providing cost-effective, energy efficient heating solutions that not only meet, but easily exceed today's legislative requirements. Historically an oil fired boiler manufacturer; the addition of renewable heating options, which include air source heat pumps, quick plumb units and solar thermal systems enable Firebird to offer a total heating solutions package.



# Why Choose a Firebird Boiler?

## Research & Development

Firebird are committed to an ongoing programme of Research & Development and continue to lead the industry by providing the most innovative, technologically advanced and energy-efficient heating options available in today's market.

## Innovative European Design

The positioning of the secondary heat exchanger in an oil-fired boiler is an important consideration to prevent against any corrosion of the boiler shell. In line with standard European practice, Firebird have designed a complete unit which houses the secondary heat exchanger beneath the primary heat exchanger. By locating this unit at the bottom of the appliance (rather than in the centre), the potential for corrosion of the boiler shell is eliminated.

## Durable Construction

All Firebird oil-fired boilers are constructed from premium grade steel (minimum 4mm gauge). Internal models feature a heavy-duty casing, with a polyester-coated finish to provide optimum protection from normal wear and tear.

## Extensive Product Range

With over 80 models available in outputs from 12kW to 100kW, Firebird offers the most comprehensive range of oil-fired boilers available for internal, external and boilerhouse applications.

## Dedicated Service Engineers

All Firebird boilers are supported by both an in-house team and a national network of service engineers. This dedicated support service is available before, during or after the purchase of any Firebird boiler.

## Firebird Product Familiarisation

Firebird offer a comprehensive product familiarisation course for Installers and Service Engineers, covering installation, commissioning, service and repair. The courses are available at Firebird's facilities in Co. Cork and Newry. Firebird's Product Display vans also travel to different locations to meet with Installers and Service Engineers. For more information, please contact us at [info@firebird.ie](mailto:info@firebird.ie).

## Seasonal Efficiency Ratings

SEDBUK, which stands for Seasonal Efficiency of Domestic Boilers, is a system used to classify and compare boilers on how efficient they are at converting fuel into heat. The patented condensing heat exchanger, which forms an integral part of a Firebird boiler shell, enables more heat to be captured and reused, resulting in a higher seasonal efficiency figure.

## Spare Parts

A comprehensive range of spare parts are available through a national network of approved stockists. For further information please contact [sales@firebird.ie](mailto:sales@firebird.ie).

## Delivery

Firebird holds unrivalled stock levels at their premises in Co. Cork to ensure that even the most exacting delivery requirements can be met. Many products are available for next day delivery.



# Go Green... Without Costing the Earth



Following a three year research and development programme, we are proud to launch the new **Envirogreen™** Low NO<sub>x</sub> range of boilers. Designed specifically to meet the stringent environmental requirements of the second phase of the Ecodesign directive, the new range delivers advanced boiler technology without any associated price premium.

## What are NO<sub>x</sub> Emissions?

Nitrogen Oxide emissions – or NO<sub>x</sub> emissions as they are more commonly known, is the general term that relates to the release of Nitrogen Dioxide (NO<sub>2</sub>) and the chemically related colourless gas Nitrogen Monoxide (NO). These gases are released into the atmosphere when fossil fuels are burned at high temperatures. When in high concentrations, these potentially harmful by products of the combustion process are known to contribute to global pollution.

## The Ecodesign Directive

The Ecodesign Directive is a European initiative which governs the design and performance of energy using products, to reduce the amount of energy consumed and the subsequent impact on the environment. New requirements on flue gas emissions state that harmful nitrogen oxide emissions from domestic liquid fuel boilers must not exceed 120mg/kWh.

## The **Envirogreen™** Story

At Firebird we are no strangers to innovation, having developed the most efficient domestic liquid fuel fired boiler in Europe. Whilst meeting all the environmental criteria, the downside to this particular type of technology is the cost, resulting in a premium priced boiler.

We therefore set ourselves a challenge to design a boiler that exceeded the NO<sub>x</sub> reduction requirements, offered the same outstanding level of performance, but most importantly remained an affordable option for our customers.

Following an extensive research and development programme, in conjunction with European burner experts elco, the **Envirogreen™** range was born. Featuring cutting-edge burner technology this new range ticks every box.

- ✓ **Meets NO<sub>x</sub> reduction requirements.**
- ✓ **Performance data listed on the Product Characteristics Database (HARP).**
- ✓ **Easy to install and service.**
- ✓ **Cost-effective.**

# Why Choose Envirogreen™ ?



## Installer

- ✓ **Trouble-Free Plug & Play Burner**  
Key components easily identified by dedicated connectors.
- ✓ **Fast & Easy to Install**  
Main component parts undone with a single Allen key.
- ✓ **Easy to Service & Maintain**  
Components clearly positioned and accessible.
- ✓ **Makes Financial Sense**  
No associated price premium.
- ✓ **Simple Diagnostic System**  
Optimised wiring system.
- ✓ **Standard Firebird Digital Control Box**  
Reliable and simple to use with handy reset button.
- ✓ **Excellent Cold Start Performance.**
- ✓ **Powerful Ignition System**  
With separate powerful transformer.
- ✓ **Low Smoke, Clean Burn Reduces Carbon Build-up**  
Both on burner combustion head and boiler.
- ✓ **Excellent Combustion Robustness**  
CO<sub>2</sub> level factory-set at an optimum 12.5% ensures highest levels of efficiency.
- ✓ **100% 'Burner Test Fired' to 12.5% CO<sub>2</sub> Levels.**
- ✓ **Outstanding Ventilation Performance**  
Ensures complete combustion.
- ✓ **Post Purge as Standard.**
- ✓ **Latest Danfos Pump Technology**  
Up to 100m suction capacity.
- ✓ **Single-Forge Combustion Head.**
- ✓ **Latest Condensate Trap Technology**  
With 316L stainless steel.
- ✓ **Adjustable Feet on all Boilerhouse Models.**
- ✓ **Product Characteristics Database (PCDB) listed.**
- ✓ **Listed on the Heating Appliance Register of Performance (HARP).**





# Installation is as easy as 1, 2, 3

2x

Burner Settings



3x

Satisfied Customers



## Environment

- ✓ **Low NO<sub>x</sub> Compliant**  
Exceeds current requirements of the second phase of the Ecodesign Directive.
- ✓ **Superior Flue Gas Recirculation**  
Significantly reduces NO<sub>x</sub> emissions.
- ✓ **Extremely Low Carbon Monoxide (CO) Emissions.**
- ✓ **Low Electrical Consumption.**



## Homeowner

- ✓ **Makes Financial Sense**  
Increased operating efficiency saves fuel and reduces bills.
- ✓ **Ultra-Reliable**  
No error prone complex parts.
- ✓ **Helping the environment.**



# Envirogreen™ Heatpac



Envirogreen™ Model	Product Code	Weight kg	ErP Rating	Dimensions (mm)		
			Heating	H	W	D
Envirogreen™ Heatpac 12-18kW	EGE018HPK	134	A	945	620	625
Envirogreen™ Heatpac 12-20kW	EGE020HPK	154	A	945	720	625
Envirogreen™ Heatpac 20-26kW	EGE026HPK	154	A	945	720	625
Envirogreen™ Heatpac 26-35kW	EGE035HPK	158	A	945	720	625
Envirogreen™ Heatpac 36-44kW	EGE044HPK	244	A	1074	839	855
Envirogreen™ Heatpac 58kW	EGE058HPK	250	A	1074	839	855
Envirogreen™ Heatpac 73kW	EGE073HPK	280	A	1200	903	855

## Features

- High quality weather-proof PVC-coated casing (outputs up to 58kW).
- Fully insulated to prevent heat loss.
- Patented heat exchanger design.
- Removable side panels for easy access.
- 4-tapping points for ease of installation.
- Fitted with frost protection stat
- Ultra quiet operation.
- Stainless steel terminal guard.
- High performance low NOx Elco burner.
- Seven models available in outputs from 12kW to 73kW.



# Envirogreen™ Slimline Heatpac



Envirogreen™ Model	Product Code	Heating Output Max.	Weight kg	ErP Rating	Dimensions (mm)		
				Heating	H	W	D
Envirogreen™ Slimline Heatpac 12-20kW	EGE020SLM	20kW	147	A	960	465	760
Envirogreen™ Slimline Heatpac 20-26kW	EGE026SLM	26kW	150	A	960	465	760
Envirogreen™ Slimline Heatpac 26-35kW	EGE035SLM	35kW	153	A	960	465	760

## Features

- High quality weather-proof PVC-coated casing.
- Only 465mm wide.
- Fully insulated to prevent heat loss.
- Patented heat exchanger design.
- Removable back panel for easy access.
- 3-tapping points for ease of installation.
- Three directional flue options.
- Fitted with frost protection stat.
- Ultra quiet operation.
- Stainless steel terminal guard.
- High performance low NOx Elco burner.
- Three models available in outputs from 12kW to 35kW.

# Envirogreen™

## Popular

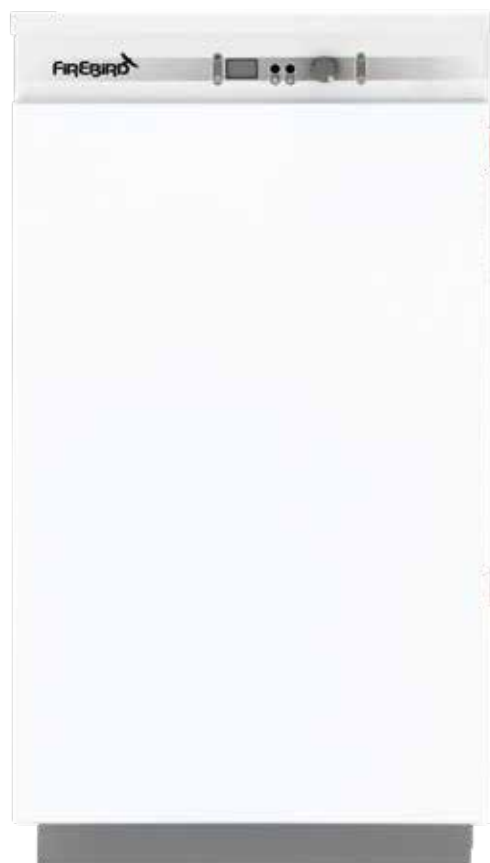


Envirogreen™ Model	Product Code	Weight kg	ErP Rating	Dimensions (mm)			Burner Depth
			Heating	H	W	D	
Envirogreen™ Popular 12-18kW	EGE018POP	99	A	684	344	381	202
Envirogreen™ Popular 12-20kW	EGE020POP	107	A	684	441	381	202
Envirogreen™ Popular 20-26kW	EGE026POP	112	A	684	441	381	202
Envirogreen™ Popular 26-35kW	EGE035POP	115	A	684	441	381	202
Envirogreen™ Popular 36-44kW	EGE044POP	182	A	815	470	531	202
Envirogreen™ Popular 58kW	EGE058POP	190	A	815	470	533	253
Envirogreen™ Popular 73kW	EGE073POP	210	A	873	530	527	253
Envirogreen™ Popular 80-100kW	EGE100POP	300	A	1052	625	746	253

### Features

- Patented heat exchanger design.
- Built from premium quality steels.
- Compact design.
- 4-tapping points for ease of installation.
- Sturdy well insulated casing minimises heat loss.
- High performance low NOx Elco burner.
- Eight models available in outputs from 12kW to 100kW.

# Envirogreen™ Kitchen

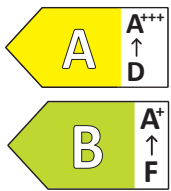
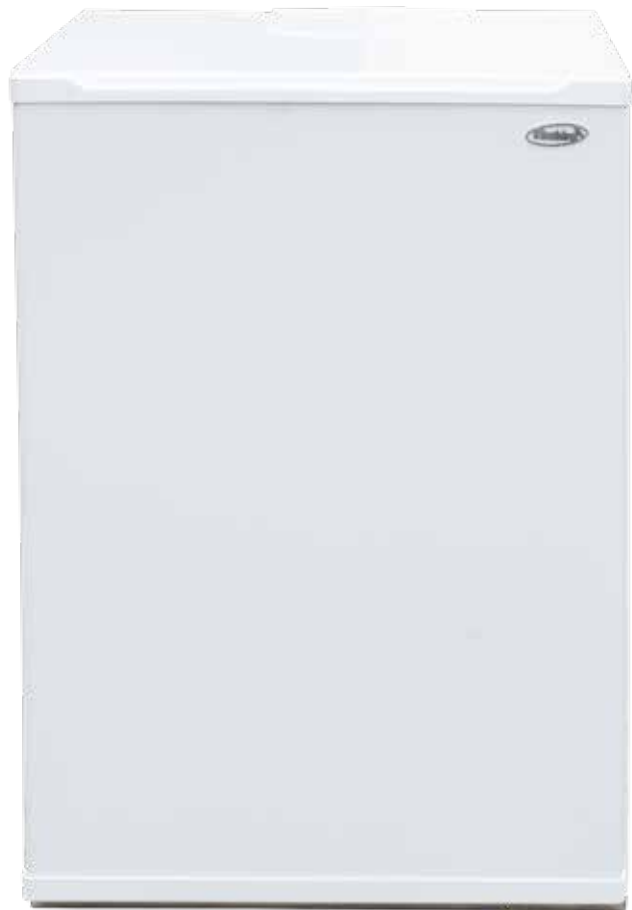


Envirogreen™ Model	Product Code	Weight kg	ErP Rating	Dimensions (mm)		
			Heating	H	W	D
Envirogreen™ Kitchen 12-18kW	EGE018KIT	115	A	847	345	610
Envirogreen™ Kitchen 12-20kW	EGE020KIT	125	A	847	442	610
Envirogreen™ Kitchen 20-26kW	EGE026KIT	128	A	847	442	610
Envirogreen™ Kitchen 26-35kW	EGE035KIT	131	A	847	442	610
Envirogreen™ Kitchen 36-44kW	EGE044KIT	210	A	1048	464	852
Envirogreen™ Kitchen 58kW	EGE058KIT	216	A	1048	464	852
Envirogreen™ Kitchen 73kW	EGE073KIT	242	A	1196	524	851
Envirogreen™ Commercial Utility 80-100kW	EGE100KIT	390	A	1249	623	1071

## Features

- Compact design - fits under standard kitchen worktop (outputs up to 35kW).
- Hard wearing casings with premium quality finish.
- Patented heat exchanger design.
- 4-tapping points for ease of installation.
- Front service access.
- Multi directional flue options.
- PCB controller with anti cycling function (outputs up to 35kW).
- Fully insulated and acoustically designed for ultra quiet operation.
- High performance low NOx Elco burner.
- Optional condensate pump.
- Eight models available in outputs from 12kW to 100kW.

# Envirogreen™ Combi Xceed

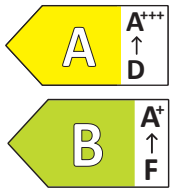


Envirogreen™ Model	Product Code	Weight kg	ErP Rating		Dimensions (mm)		
			Heating	Hot Water	H	W	D
Envirogreen™ Combi Xceed 12-20kW	ECE020IXC	169	A	B	858	600	614
Envirogreen™ Combi Xceed 20-26kW	ECE026IXC	172	A	B	858	600	614
Envirogreen™ Combi Xceed 26-35kW	ECE035IXC	175	A	B	858	600	614

## Features

- Excellent hot water performance.
- Rapid re-heat after hot water draw-off.
- Twin circulating pump - no diverter valve required.
- PCB Controller with highly accurate thermistors & built in anti-cycle.
- Fully insulated and acoustically designed.
- Hard wearing casings with high quality finish.
- No flow switch - water flow is electronically detected.
- High grade bronze Teflon washers throughout boiler.
- Compact design - fits under standard kitchen worktop.
- All pipework is copper and brass for longevity - no plastic.
- Thermostatically controlled hot water.
- Multi directional flue options.
- High performance low NOx Elco burner.
- Patented heat exchanger design.
- Easy to install and service.
- Fitted with frost protection stat.
- Optional condensate pump.
- Flow regulator - energy saving due to reduction in water consumption.
- Built in check valves for ease of maintenance.
- Simple pipe layout for ease of installation.
- Built in copper link filling loop - removes need for braided link pipe.
- Three models available in outputs from 12kW to 35kW.

# Envirogreen™ Slimline Combi

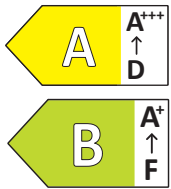


Envirogreen™ Model	Product Code	Weight kg	ErP Rating		Dimensions (mm)		
			Heating	Hot Water	H	W	D
Envirogreen™ Slimline Combi 12-20kW	ECE020SLM	165	A	B	855	520	600
Envirogreen™ Slimline Combi 20-26kW	ECE026SLM	168	A	B	855	520	600

## Features

- Excellent hot water performance - over 16 litres/min on 35kW model.
- PCB controller using highly accurate thermistors.
- Rapid re-heat after hot water draw-off.
- Compact design - fits under standard kitchen worktop.
- Hard wearing casings with high quality finish.
- Patented heat exchanger design.
- Twin circulating pump - no diverter valve required.
- No flow switch - water flow is electronically detected.
- Fully insulated and acoustically designed for ultra quiet operation.
- Multi directional flue options.
- High performance low NOx Elco burner.
- Optional condensate pump and timer controllers.
- Two models available in outputs from 12kW to 26kW.

# Envirogreen™ Combipac Xceed



Envirogreen™ Model	Product Code	Weight kg	ErP Rating		Dimensions (mm)		
			Heating	Hot Water	H	W	D
Envirogreen™ Combipac Xceed 12-20kW	ECE020EXC	185	A	B	975	720	625
Envirogreen™ Combipac Xceed 20-26kW	ECE026EXC	185	A	B	975	720	625
Envirogreen™ Combipac Xceed 26-35kW	ECE035EXC	188	A	B	975	720	625

## Features

- Excellent hot water performance.
- Rapid re-heat after hot water draw-off.
- Twin circulating pump - no diverter valve required.
- PCB Controller with highly accurate thermistors & built in anti-cycle.
- Fully insulated and acoustically designed.
- High quality weatherproof PVC coated casings.
- No flow switch - water flow is electronically detected.
- High grade bronze Teflon washers throughout boiler.
- All pipework is copper and brass for longevity - no plastic.
- Thermostatically controlled hot water.
- Multi directional flue options.
- High performance low NOx Elco burner.
- Patented heat exchanger design.
- Easy to install and service.
- Fitted with frost protection stat.
- Optional condensate pump.
- Flow regulator - energy saving due to reduction in water consumption.
- Built in check valves for ease of maintenance.
- Simple pipe layout for ease of installation.
- Built in copper link filling loop - removes need for braided link pipe.
- Three models available in outputs from 12kW to 35kW.



# Envirogreen™ System



Envirogreen™ Model	Product Code	Weight kg	ErP Rating	Dimensions (mm)		
			Heating	H	W	D
Envirogreen™ System 12-20kW	ESE020DLX	143	A	847	442	610
Envirogreen™ System 20-26kW	ESE026DLX	146	A	847	442	610
Envirogreen™ System 26-35kW	ESE035DLX	149	A	847	442	610
Envirogreen™ System 36-44kW	ESE044DLX	235	A	1048	660	852

## Features

- Compact design - fits under standard kitchen worktop (outputs up to 35kW).
- Low pressure switch protects boiler in the unlikely event of system water loss.
- Hard wearing casings with premium quality finish.
- Patented heat exchanger design.
- Front service access.
- PCB controller with anti cycling function (outputs up to 35kW).
- Fully insulated and acoustically designed for ultra quiet operation.
- Multi directional flue options.
- High performance low NOx Elco burner.
- Optional condensate pump.
- Four models available in outputs from 12kW to 44kW.

# Envirogreen™ Systempac



Envirogreen™ Model	Product Code	Weight kg	ErP Rating	Dimensions (mm)		
			Heating	H	W	D
Envirogreen™ Systempac 12-20kW	ESE020NKT	163	A	945	720	625
Envirogreen™ Systempac 20-26kW	ESE026NKT	163	A	945	720	625
Envirogreen™ Systempac 26-35kW	ESE035NKT	166	A	945	720	625
Envirogreen™ Systempac 36-44kW	ESE044NKT	270	A	1074	839	855

## Features

- High quality weather-proof PVC-coated casing.
- Low pressure switch protects boiler in the unlikely event of system water loss.
- Factory-fitted expansion vessel and circulating pump saves space and installation time.
- Fully insulated to prevent heat loss.
- Patented heat exchanger design.
- Fitted with frost protection stat.
- Ultra quiet operation.
- Stainless steel terminal guard.
- Flue can exit left or right.
- High performance low NOx Elco burner.
- Four models available in outputs from 12kW to 44kW.

# Envirogreen™ Slimline Systempac



Envirogreen™ Model	Product Code	Weight kg	ErP Rating	Dimensions (mm)		
			Heating	H	W	D
Envirogreen™ Slimline Systempac 12-20kW	ESE020SLM	147	A	960	465	760
Envirogreen™ Slimline Systempac 20-26kW	ESE026SLM	150	A	960	465	760
Envirogreen™ Slimline Systempac 26-35kW	ESE035SLM	153	A	960	465	760

## Features

- Three directional flue options.
- Pre-plumbed and pre-wired.
- Easy access to pre-wired circulating pump.
- Connection to pipework can be made from the base.
- High performance low NOx Elco burner.
- High quality weather-proof casing.
- Factory-fitted expansion vessel and circulating pump saves space and installation time.
- Fully insulated to prevent heat loss.
- Patented heat exchanger design.
- Fitted with frost protection stat.
- Ultra quiet operation.
- Stainless steel terminal guard.
- Removable sides for ease of access.
- Suitable for open vented and sealed systems.

# Technical Specifications



		Combi Xceed / Slimline Combi / Combipac Xceed		System / Systempac / Slimline Systempac			Heatpac / Slimline Heatpac / Popular / Kitchen							
HEAT OUTPUT		kW		12-20 20-26	26-35	12-20 20-26	26-35	36-44	12-18	12-20 20-26	26-35	36-44 58	73	80-100
<b>CONNECTIONS</b>														
Heating Flow		22mm dia. 28mm dia.		22mm dia. 28mm dia. 1½" BSP			1" BSP 1" BSP 1" BSP 1½" BSP 1½" BSP 2" BSP							
Heating Flow Slimline Systempac		-		1" CxC - -			- - - - -							
Heating Return		22mm dia. 28mm dia.		1" BSP 1" BSP 1½" BSP			1" BSP 1" BSP 1" BSP 1½" BSP 1½" BSP 2" BSP							
Heating Return Slimline Systempac		-		1" CxC - -			- - - - -							
Mains Cold Feed (Copper)		15mm dia. 15mm dia.		15mm dia. 15mm dia. 15mm dia.			- - - - -							
Hot Water Delivery (Copper)		15mm dia. 15mm dia.		- - -			- - - - -							
Drain Off Valve		½" BSP ½" BSP		½" BSP ½" BSP ½" BSP			½" BSP ½" BSP ½" BSP ½" BSP ½" BSP ½" BSP							
Safety Pressure Valve Outlet (Copper)		15mm dia. 15mm dia.		15mm dia. 15mm dia. 15mm dia.			- - - - -							
Condensate Trap		22mm dia. plastic		22mm dia. plastic			22 mm dia. plastic							
Boiler Boiler		24 litres 24 litres		24 litres 24 litres 45 litres			24 litres 24 litres 24 litres 43.5 litres 54 litres 75 litres							
Primary Tank		Combi Xceed Slimline Combi Combipac Xceed		20 litres 20 litres 20 litres 20 litres 20 litres 20 litres		- - - - - - - - -			- - - - - - - - -					
<b>CIRCULATING PUMP</b>														
		Ecocirc NGRC P/N 60BOL 1011		Ecocirc M 25-6/130	Ecocirc M 25-6/130	Ecocirc M 25-6/180								
Domestic Hot Water Plate Heat Exchanger		31 plate 31 plate		-			-							
Integral Expansion Vessel Normal Capacity		12 litres 12 litres		12 litres 12 litres 18 litres			-							
Expansion Vessel Pre-charge Pressure		1 bar 1 bar		1 bar 1 bar 1 bar			-							
Low Pressure Water Switch?		✓ ✓		✓ ✓ ✓			✗ ✗ ✗ ✗ ✗ ✗							
Filling Loop Included?		✓ ✓		✓ ✓ ✓			✗ ✗ ✗ ✗ ✗ ✗							
<b>WATER CONTENT</b>														
Boiler		24 litres 24 litres		24 litres 24 litres 45 litres			24 litres 24 litres 24 litres 43.5 litres 54 litres 75 litres							
Primary Tank		Combi Xceed Combipac Xceed		20 litres 20 litres 20 litres 20 litres		- - - - - -			- - - - - -					
<b>D.H.W. GUIDE PERFORMANCE*</b>														
Combi Xceed		Complies with		-			-							
Slimline Combi		EC Ecodesign		-			-							
Combipac Xceed		Directive (XLarge in all cases).		-			-							
<b>FLUE (INTERNAL BOILERS)</b>														
Balanced Flue Assembly		125 (5") 125 (5") mm dia. mm dia.		125 (5") 125 (5") 150 (6") mm dia. mm dia. mm dia.			125 (5") 125 (5") 125 (5") 150 (6") 180 (7") 200 (8") mm dia. mm dia. mm dia. mm dia. mm dia. mm dia.							
Flue Assembly		-		80 (3") mm dia.			-							
Max. Low Level Flue Length		1.5m 1.5m		1.5m 1.5m 1.5m			1.5m 1.5m 1.5m 1.5m 1.5m 1.5m							
Max. High Level Balanced Flue Length		6m 6m		6m 6m 6m			6m 6m 6m 6m 6m 6m							
Max. Vertical Plume Length		-		5m - -			-							
Integral flues on Heatpac models		-		-			-							
<b>HEATING SYSTEM (SEALED)</b>														
Fit in accordance with BS 7074 Part 1, BS 5449, OFTEC standards and all other relevant legislation.														
Max. Operating Pressure		2 bar		2 bar			-							
Max. System Pressure Cold		1.5 bar		1.5 bar			-							
Min. System Pressure Cold		0.5 bar		0.5 bar			-							
Preset Pressure Relief Valve		3 bar		3 bar			3 bar							
<b>MAINS WATER SUPPLY PRESSURE</b>														
Min. 1.5 bar - Max. 2.5 bar. A non-dynamic pressure reducing valve should be fitted on the cold inlet if the cold-water mains kinetic pressure exceeds 2.5bar. *Excessive pressure may damage plumbing and boiler components.														
The appliance will not be guaranteed if fitted to a non-utility water supply.														
<b>WATER QUALITY</b>														
Mains water supply only. Water supplied to the boiler must conform to the following minimum parameters:														
Chloride Contents: Max. 200mg/l														
Sulphate Contents: Max. 200mg/l														
Combination Chloride/Sulphate Max. 300mg/l (in total)														
<b>WATER SIDE RESISTANCE</b>														
		<b>Flow Rate to give a Nominal Output at 10K Differential</b>					<b>12-20kW</b>		<b>20-26kW</b>		<b>26-35kW</b>		<b>36-44kW</b>	
Flow Rate Measured (kg/h)							1642		2135		2874		3613	
Waterside Resistance (mbar)							0.18		0.18		0.18		0.22	
		<b>Flow Rate to give a Nominal Output at 20K Differential</b>												
Flow Rate Measured (kg/h)							870		1131		1523		2915	
Waterside Resistance (mbar)							0.19		0.19		0.19		0.24	
<b>PRESSURE JET OIL BOILERS</b>														
ELCO FB 2 K LN 12-58 and ELCO FB 3 K LN for 73kW and 100kW														
<b>FUEL</b>														
Kerosene 28 Second Class C2														
<b>ELECTRICAL SUPPLY</b>														
230V AC 50Hz 5A														
<b>TEMPERATURE CONTROL</b>														
Frost thermostat fitted to all outdoor models														
Boiler Central Heating Control		60°C - 80°C		60°C - 80°C			60°C - 80°C							
Boiler Safety Limit		110°C		-			110°C							
Tank (DHW)- Fixed		78°C		-			-							
Early Alert - Fixed		87°C		-			-							
Over-run - Fixed		93°C		87°C			87°C (Heatpac, Slimline Heatpac and Kitchen only)							

Thermostats have an operating tolerance of ± 4°C

\* where water demand exceeds this, a flow restrictor is recommended. This will ensure a water supply at an adequate temperature.

# ENVIROGREEN BOILERS WITH GAS OIL BURNER

All models are available with a gas oil burner.

Envirogreen™ Gas Oil Model	Product Code
Envirogreen™ Heatpac 12-18kW Gas Oil	EGE018HPK-D
Envirogreen™ Heatpac 12-20kW Gas Oil	EGE020HPK-D
Envirogreen™ Heatpac 20-26kW Gas Oil	EGE026HPK-D
Envirogreen™ Heatpac 26-35kW Gas Oil	EGE035HPK-D
Envirogreen™ Heatpac 36-44kW Gas Oil	EGE044HPK-D
Envirogreen™ Heatpac 58kW Gas Oil	EGE058HPK-D
Envirogreen™ Heatpac 73kW Gas Oil	EGE073HPK-D
Envirogreen™ Slimline Heatpac 12-20kW Gas Oil	EGE020SLM-D
Envirogreen™ Slimline Heatpac 20-26kW Gas Oil	EGE026SLM-D
Envirogreen™ Slimline Heatpac 26-35kW Gas Oil	EGE035SLM-D
Envirogreen™ Popular 12-18kW Gas Oil	EGE018POP-D
Envirogreen™ Popular 12-20kW Gas Oil	EGE020POP-D
Envirogreen™ Popular 20-26kW Gas Oil	EGE026POP-D
Envirogreen™ Popular 26-35kW Gas Oil	EGE035POP-D
Envirogreen™ Popular 36-44kW Gas Oil	EGE044POP-D
Envirogreen™ Popular 58kW Gas Oil	EGE058POP-D
Envirogreen™ Popular 73kW Gas Oil	EGE073POP-D
Envirogreen™ Popular 80-100kW Gas Oil	EGE100POP-D
Envirogreen™ Kitchen 12-18kW Gas Oil	EGE018KIT-D
Envirogreen™ Kitchen 12-20kW Gas Oil	EGE020KIT-D
Envirogreen™ Kitchen 20-26kW Gas Oil	EGE026KIT-D
Envirogreen™ Kitchen 26-35kW Gas Oil	EGE035KIT-D
Envirogreen™ Kitchen 36-44kW Gas Oil	EGE044KIT-D
Envirogreen™ Kitchen 58kW Gas Oil	EGE058KIT-D
Envirogreen™ Kitchen 73kW Gas Oil	EGE073KIT-D
Envirogreen™ Commercial Utility 80-100kW Gas Oil	EGE100KIT-D

Envirogreen™ Gas Oil Model	Product Code
Envirogreen™ Combi Xceed 12-20kW Gas Oil	ECE020IXC-D
Envirogreen™ Combi Xceed 20-26kW Gas Oil	ECE026IXC-D
Envirogreen™ Combi Xceed 26-35kW Gas Oil	ECE035IXC-D
Envirogreen™ Slimline Combi 12-20kW Gas Oil	ECE020SLM-D
Envirogreen™ Slimline Combi 20-26kW Gas Oil	ECE026SLM-D
Envirogreen™ Combipac Xceed 12-20kW Gas Oil	ECE020EXC-D
Envirogreen™ Combipac Xceed 20-26kW Gas Oil	ECE026EXC-D
Envirogreen™ Combipac Xceed 26-35kW Gas Oil	ECE035EC-D
Envirogreen™ System 12-20kW Gas Oil	ESE020DLX-D
Envirogreen™ System 20-26kW Gas Oil	ESE026DLX-D
Envirogreen™ System 26-35kW Gas Oil	ESE035DLX-D
Envirogreen™ System 36-44kW Gas Oil	ESE044DLX-D
Envirogreen™ Systempac 12-20kW Gas Oil	ESE020NKT-D
Envirogreen™ Systempac 20-26kW Gas Oil	ESE026NKT-D
Envirogreen™ Systempac 26-35kW Gas Oil	ESE035NKT-D
Envirogreen™ Systempac 36-44kW Gas Oil	ESE044NKT-D
Envirogreen™ Slimline Systempac 12-20kW Gas Oil	ESE020SLM-D
Envirogreen™ Slimline Systempac 20-26kW Gas Oil	ESE026SLM-D
Envirogreen™ Slimline Systempac 26-35kW Gas Oil	ESE035SLM-D

## Customer Service

We, the Firebird team, offer you, our customer, top quality service. We monitor the level of service provided on a regular basis to ensure our customers' requirements are always met.



## Technical Support

Our Technical team will provide you with a comprehensive technical support package which is designed to make the specification and installation process as simple as possible. Please contact the Firebird Technical team on **026 45253** or **service@firebird.ie**.



## Quality

At Firebird, we produce our appliances to the highest standards and put them through rigorous testing procedures by external standards agencies. We design each product to meet specific requirements and we manufacture using premium quality materials to precise standards and tolerances.



## Warranty

We offer a 5 year warranty on Firebird Boilers, Heat Pumps, Solar Panels, Stoves and Range Cookers. Full warranty details can be viewed on our website at **www.firebird.ie**.



Environment



Innovation



Technology

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BROBEB008 10/2024

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