



WE BELIEVE
OUR EXPERTISE
HAS STOOD THE
TEST OF TIME

— Made for Ireland since 1960 —



welcome to our ideology

www.idealboilers.ie |   

 **GROUPE
ATLANTIC**
UK, ROI & NORTH AMERICA DIVISIONS

WELCOME TO OUR IDEOLOGY



Market leading
warranties



Year round
customer support



Made for Ireland
since 1960

At Ideal Boilers we believe in complete comfort and the last thing you should worry about is your boiler. That's why we rigorously test each and every one of our products with dozens of safety and reliability checks before they leave our Yorkshire based factory. This is why we confidently offer industry leading warranties on our boilers so we can go the extra mile for our customers.

We believe in delivering customer support that makes you smile. Should you need us, our UK based contact centre is open 364 days a year. If your query isn't resolved over the phone, we aim to get an engineer to your property the same day or the next.

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Ideal Boilers Customer Service:

0044 1482 498660

Ideal Boilers Technical Help:

0044 1482 498663

ROI Ideal Boilers Technical Help:

01 6917426

Ideal Boilers, PO Box 103, National Avenue,
Kingston upon Hull, East Yorkshire, HU5 4JN

E: enquiries@idealboilers.com

WE BELIEVE IN PUTTING INSTALLERS FIRST



BUSINESS SUPPORT TAILORED TO YOU

Installer Connect is the installer loyalty scheme from Ideal Boilers. The scheme rewards you for the Ideal boilers you install, earning you up to €30 per Ideal boiler you install, as well as offering a number of business support services including easy warranty registrations, service reminders & Marketing Toolbox where reward points are worth double.

To find out more or to become a member, visit:

www.installerconnect.com



SERVICE REMINDERS

Select the 'Service Reminder' option when registering your boilers on Installer Connect.

Our Service Reminders are simple to use and mean you could generate up to 10 years additional service revenue from the Ideal boilers you fit.

Once you're registered for our Service Reminder scheme, for every Ideal boiler you install, we'll make sure we do the following for the duration of the product's warranty, which could be up to 10 years!

- 1** Contact your customers to remind them that their Ideal boiler needs an annual service
- 2** We'll send your customer your name and contact number for them to give you a call and book a service.
- 3** We'll then send you a text to let you know we've contacted your customer so that you can follow up with them.



AFTERSALES SUPPORT

With a range of tools to help you grow your business, Ideal is on hand to ensure you have the support you need.

Our dedicated Customer Service department is available 364 days a year, 8am to 8pm Monday to Friday, as well as 8am to 6pm on a Saturday and 8am to 12 noon on a Sunday.

- Installer Helpline
01 6917426
- Davies Helpline
(including parts)
01 8511700
Davies opening hours are
Monday - Friday 8am-5pm
Saturday 9am - 1pm
- Email **idealheating@davies.ie**
- Homeowner Helpline
01 8511700

We also have a team of expert engineers, fully trained to exacting standards, on hand to provide one-to-one advice on the road, over the phone or online ensuring you're fully supported, wherever and whenever you need.



GROUPE ATLANTIC

UK, ROI & NORTH AMERICA DIVISIONS

Groupe Atlantic is the parent company of many well known household heating brands together we heat millions of homes across the world.



Taking boilers from basements to kitchens through to producing pioneering high efficiency technologies, we have continually delivered reliable products for over 100 years.

Since 1960, Ideal have been providing high quality products made specifically for Ireland.

With our reliable boilers and market leading warranties, Its easy to see why we are the nations number one boiler manufacturer.



The UK's market leader of high efficiency commercial heating solutions. Whether it's a wall hung or floor standing solution, our products come with over 100 years of knowledge and skill as standard.



Atlantic, founded in 1968, is a well-established and renowned French brand, expert in all types of heating systems and home comfort appliances, with a worldwide presence. We have developed a complete range of modern and reliable equipment that brings you daily an optimum comfort whilst optimising cost savings.

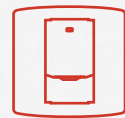
We deliver electric convector heating, electric radiators, radiant heaters and towel dryers. Ease of use, energy efficiency and reliability are the key principles driving product development and features such as ECODOMO and SMART PILOT ensure that installers and homeowners get the most out of their installations.



WE BELIEVE IN BOILERS FOR EVERY APPLICATION



SYSTEM BOILERS



COMBI BOILERS



HEAT BOILERS

reliables



Vogue System IE

S15 S18 S26 S32



Up to 32kW output



Premium components



Open therm ready



Touch RF Heat & System compatible



Made for Ireland



NOx class 6



Simple to install & service



Easy to use full colour display



Frost protection



Stainless steel heat exchanger



UP TO €30

EARN INSTALLER CONNECT POINTS FOR EVERY VOGUE IE SYSTEM YOU REGISTER

The Vogue IE System is engineered with quality in mind, from design, component specification, manufacture and build, through to consumer use. All models in the Vogue IE range deliver premium performance and reliability paired with unique features such as the full colour screen.

MARKET LEADING WARRANTY

Demonstrating our confidence in the quality and reliability of our boilers, the Vogue leads the way with warranty length.

With a 10 year warranty as standard you and your customers will be provided with peace of mind for years to come.

AWARD WINNING BOILERS

Our boilers have been awarded Good Housekeeping Reader Recommended status in 2013, 2017 and 2018 for ease of use and low noise levels, amongst other outstanding product details that left customers wanting to recommend Ideal Boilers to their friends and families.



HIGHLY EFFICIENT

All of our boilers achieve at least band A levels of efficiency, helping you reduce your customers energy bills and carbon footprint so efficiency isn't something they will need to worry about.



PREMIUM QUALITY COMPONENTS

- Large 10 litre expansion vessel
- Stainless steel heat exchanger
- Low energy modulating Grundfos pump
- 24V gas valve

EASY TO INSTALL AND SERVICE

- Low boiler lift weight from 30.7kg
- Pre-wired mains lead (2m)
- Cool burner door technology
- Long maximum flue lengths with easy access sampling points
- Easy to read pressure gauge
- Control box with push-in cable clamps

END USER BENEFITS

- LPG conversions available on all outputs
- Backlit 3.5" LCD full colour display
- Multi-function buttons for simplified end user operation
- Up to 5:1 modulation
- Service display and installer phone number input
- Rotary control for easier user operation
- Stylish aesthetics with full size door complete with damped opening

Logic System IE

S15 S18 S24 S30



Compact
cupboard fit



Easy to see
pressure gauge



Opentherm
ready



Touch RF
Heat & System
compatible



Made for
Ireland



NOx class 6



Frost protection



Easy to use fully
back-lit LCD
display



UP TO
€20

EARN INSTALLER CONNECT
POINTS FOR EVERY LOGIC IE
SYSTEM YOU REGISTER

With millions of Logic boilers installed across Europe since launch it's easy to see why it has become one of the nation's favourite boilers. The Logic IE is perfect for a range of installations.

MARKET LEADING WARRANTY

Providing you and your customers with confidence and peace of mind the Logic has a full parts and labour warranty for 7 years. Which demonstrates just how confident we are in the quality and reliability of our boilers.

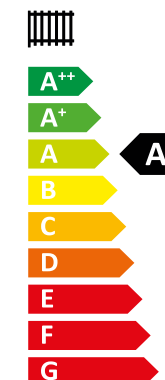
AWARD WINNING BOILERS

Our boilers have been awarded Good Housekeeping Reader Recommended status in 2013, 2017 and 2018 for outstanding product features that left customers wanting to recommend Ideal Boilers to their friends and families.



HIGHLY EFFICIENT

All of our boilers achieve at least band A levels of efficiency, helping you reduce your energy bills and carbon footprint so efficiency isn't something you need to worry about.



EASY TO INSTALL AND SERVICE

- Low boiler lift weight of 26.1kg
- Compact cupboard fit
- Easy to see pressure gauge
- Stand-off kit including pre-pipe options
- Wide range of flueing options
- Preformed copper tails
- Pre-wired mains lead (2m) & spare fuses included
- Safety valve outlet pipe included

HOUSEHOLDER BENEFITS

- Award winning range
- Service indication
- Compatible with a range of additional controls inc. weather compensation and OpenTherm controls
- LPG conversion kit available for 24IE and 30IE boilers

QUALITY AND RELIABILITY AS STANDARD

- Low component count maximising reliability
- Latest generation Honeywell gas valve
- Built in frost protection

Vogue Combi IE

C26 C32 C40

10
YEAR WARRANTY*



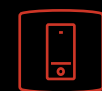
Up to 40kW output



Premium components



Open therm ready



Touch RF & Touch Connect Compatible



Made for Ireland



NOx class 6



Simple to install & service



Easy to use full colour display



Frost protection



Stainless steel heat exchanger



UP TO €30

EARN INSTALLER CONNECT POINTS FOR EVERY LOGIC IE COMBI YOU REGISTER

The Vogue System IE is engineered with quality in mind, from design, component specification, manufacture and build, through to consumer use. All models in the Vogue IE range deliver premium performance and reliability paired with unique features such as the full colour screen.

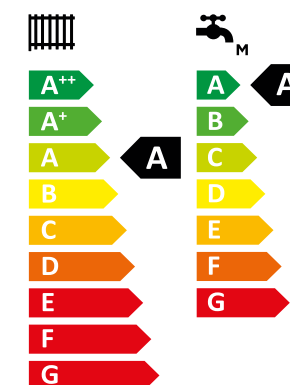
MARKET LEADING WARRANTY

Demonstrating our confidence in the quality and reliability of our boilers, the Vogue leads the way with warranty length.

With a 10 year warranty as standard you and your customers will be provided with peace of mind for years to come.

HIGHLY EFFICIENT

All of our boilers achieve at least band A levels of efficiency, helping you reduce your customers energy bills and carbon footprint so efficiency isn't something they will need to worry about.



AWARD WINNING BOILERS

Our boilers have been awarded Good Housekeeping Reader Recommended status in 2013, 2017 and 2018 for ease of use and low noise levels amongst other outstanding product details that left customers wanting to recommend Ideal Boilers to their friends and families.



PREMIUM QUALITY COMPONENTS

- Hydrobloc incorporating a 24V stepper for enhanced reliability
- Large 10 litre expansion vessel
- Stainless steel heat exchanger
- Low energy modulating Grundfos pump
- 24V gas valve

EASY TO INSTALL AND SERVICE

- Low boiler lift weight from 32.4kg
- Pre-wired mains lead (2m)
- Cool burner door technology
- Long maximum flue lengths with easy access sampling points
- Easy to read pressure gauge
- Uniform control opening across all Ideal Vogue and Logic combis
- Control box with push-in cable clamps

END USER BENEFITS

- LPG conversions available on all outputs
- Backlit 3.5" LCD full colour display
- Multi-function buttons for simplified end user operation
- Up to 7:1 modulation
- Service display and installer phone number input
- Rotary control for easier user operation
- Stylish aesthetics with full size door complete with damped opening

Logic Combi IE

C24 C30 C35



Compact
cupboard fit



Easy to see
pressure gauge



Opentherm
ready



Touch RF &
Touch Connect
Compatible



Made for
Ireland



NOx class 6



Frost protection



Easy to use fully
back-lit LCD
display



**UP TO
€20**

EARN INSTALLER CONNECT
POINTS FOR EVERY LOGIC IE
COMBI YOU REGISTER

With millions of Logic boilers installed across Europe since launch it's easy to see why it has become one of the nation's favourite boilers. The Logic IE is perfect for a range of installations.

MARKET LEADING WARRANTY

Providing you and your customers with confidence and peace of mind the Logic has a full parts and labour warranty for 7 years. Which demonstrates just how confident we are in the quality and reliability of our boilers.

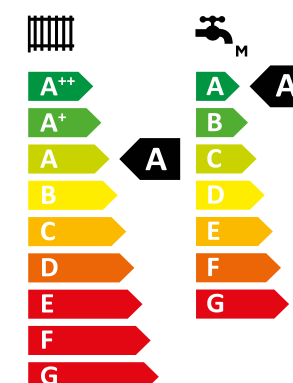
AWARD WINNING BOILERS

Our boilers have been awarded Good Housekeeping Reader Recommended status in 2013, 2017 and 2018 for outstanding product features that left customers wanting to recommend Ideal Boilers to their friends and families.



HIGHLY EFFICIENT

All of our boilers achieve at least band A levels of efficiency, helping you reduce your energy bills and carbon footprint so efficiency isn't something you need to worry about.



EASY TO INSTALL AND SERVICE

- Low boiler lift weight from 29.2kg
- Compact cupboard fit
- Easy to see pressure gauge
- Universal condensate connection
- Stand-off kit and pre-pipe options
- Wide range of flueing options
- Preformed copper tails
- Pre-wired mains lead (2m) & spare fuses included
- Safety valve outlet pipe included
- Built-in filling loop

HOUSEHOLDER BENEFITS

- Award winning range
- Service indication
- Pre-heat function
- Symbols and text display
- Compatible with a range of additional controls inc. weather compensation and OpenTherm controls
- LPG conversion kit available for 24IE and 30IE boilers

QUALITY AND RELIABILITY AS STANDARD

- Low component count maximising reliability
- Latest generation Honeywell gas valve
- Simple diverter valve design with no dynamic seals

Logic Heat IE

H12 H15 H18 H24 H30



Compact
cupboard fit



Opentherm
ready



Touch RF
Heat & System
compatible



NOx class 6



Frost protection



Easy to use fully
back-lit LCD
display



Direct rear
flue option



**UP TO
€20** EARN INSTALLER CONNECT
POINTS FOR EVERY LOGIC IE
YOU REGISTER

With millions of Logic boilers installed across Europe since launch it's easy to see why it has become one of the nation's favourite boilers. The Logic IE is perfect for a range of installations.

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HIGHLY EFFICIENT

All of our boilers achieve at least band A levels of efficiency, helping you reduce your energy bills and carbon footprint so efficiency isn't something you need to worry about.



EASY TO INSTALL AND SERVICE

- Compact cupboard fit
- Low lift weight of 22.7kg
- Stand-off kit
- Wide range of flueing options
- Direct 80mm diameter rear flue option
- Top system connections
- Low minimum head requirement

HOUSEHOLDER BENEFITS

- Award winning range
- Service indication
- Compatible with a range of additional controls inc. weather compensation and OpenTherm controls
- LPG conversion kit available for 24 and 30kW boilers
- Large output range 12 - 30kW

QUALITY AND RELIABILITY AS STANDARD

- Low component count maximising reliability
- Latest generation Honeywell gas valve
- Built in frost protection

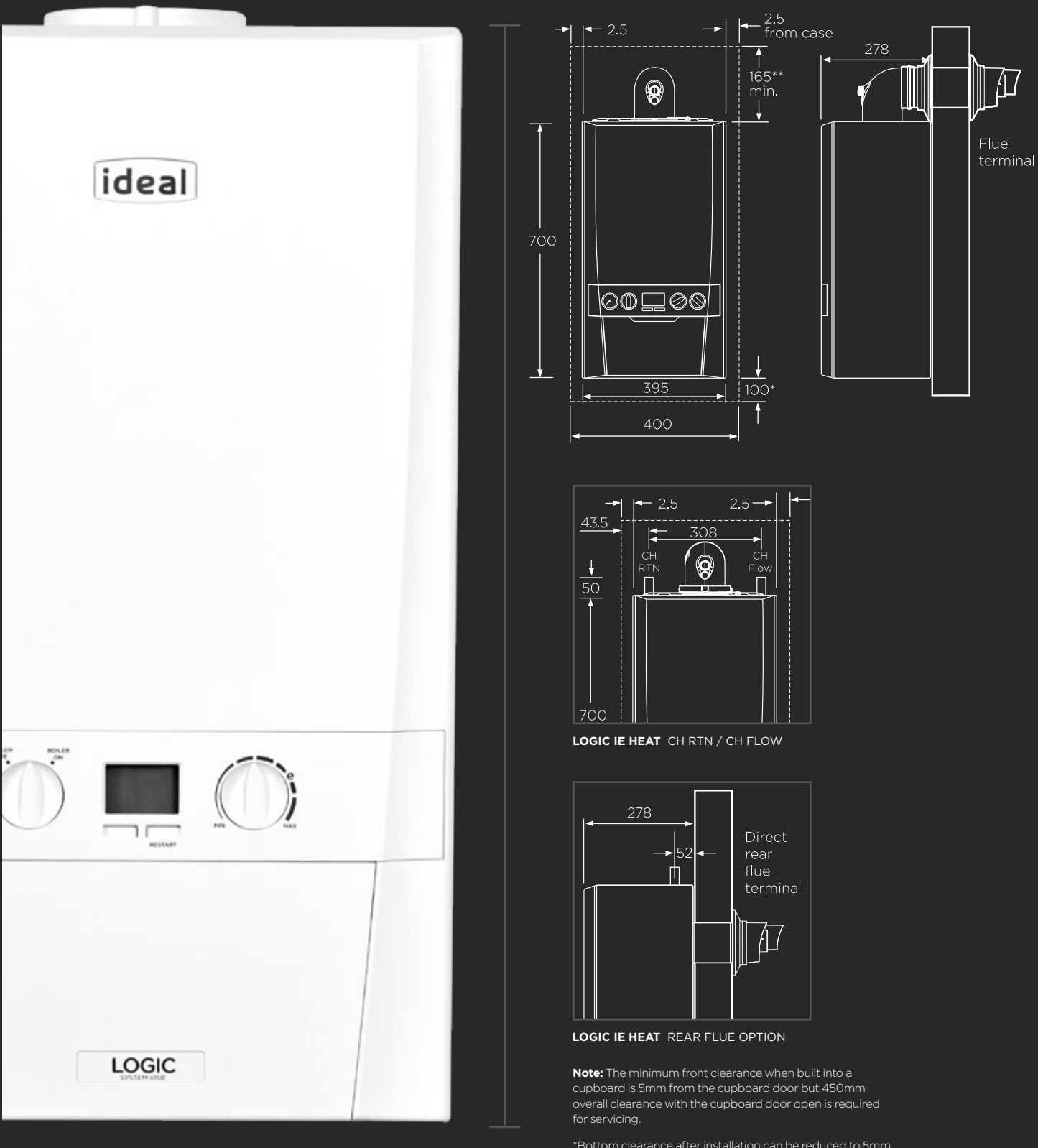
Vogue IE

Clearances & dimensions



Logic IE

Clearances & dimensions



Evomax

30 - 150kW



Triple E Scheme
Approved (SEAI)



Robust & light
aluminium silicon
alloy heat exchanger



Up to 110% part
load efficiency



High 5:1 turndown



Compact - one
width & height for
easy siting



Simple controls
interface with large
backlit display



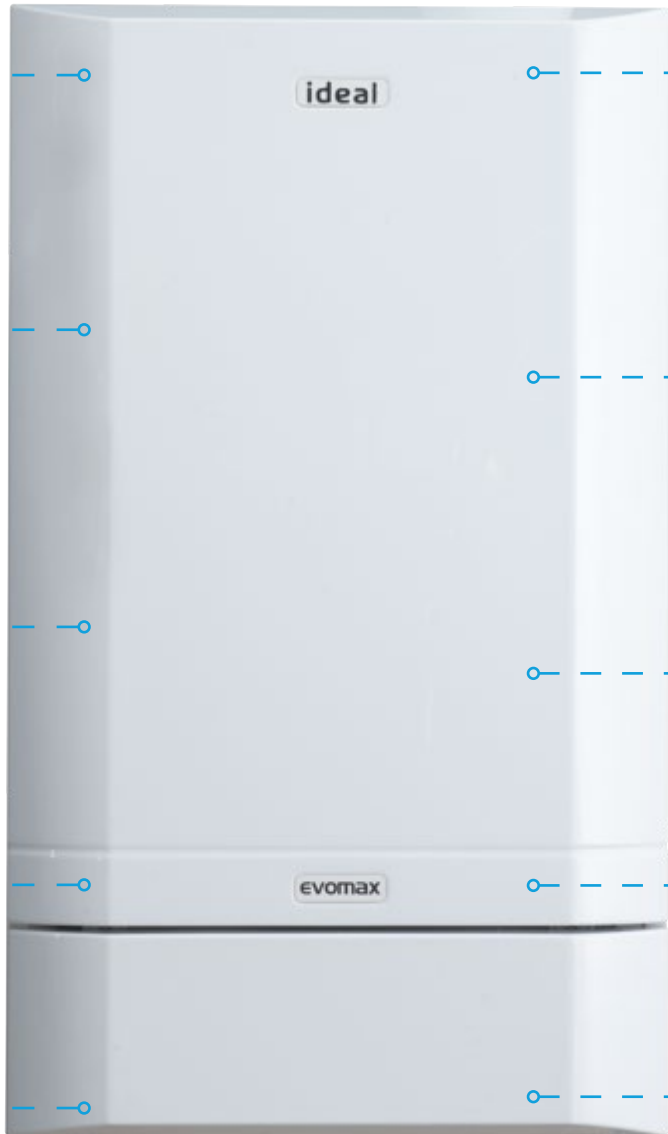
Comprehensive
range of flue, fixing
and control options



NOx class 5



BIM objects available



UP TO
€30

EARN INSTALLER CONNECT
POINTS FOR EVERY
EVOMAX YOU REGISTER

Available in outputs of 30, 40, 60, 80, 100, 120 and 150kW, the Evomax is designed to ensure all installation requirements can be achieved. There is also an LPG Evomax range from 30 - 80 kW for off mains installations.

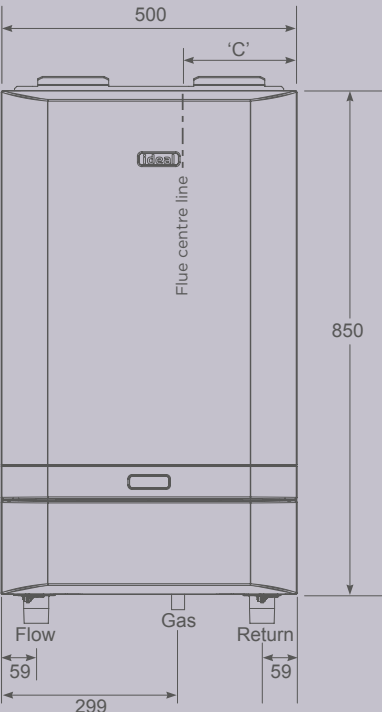
EVOMAX CASCADE

Evomax Frame and Header Kits are suitable for modular (cascade) boiler installations, and are available up to a maximum output of 600 kW in both in-line (standard and low height versions) and back-to-back arrangements.



CLEARANCES & DIMENSIONS

ALL DIMENSIONS IN MM



The following
minimum
clearances must
be maintained
for operation
and servicing:

- ↑ TOP:
Dependent
on flue size
- FRONT:
450mm
- ↔ SIDES:
25mm
- ↓ BOTTOM:
300mm

BOILER	DIM A	DIM B	DIM C
30, 40, 60, 80	360	130	118
100, 120	520	226	118
150	610	233	120

Clearance between multiple
boiler installations: 25mm

Thermstore IE

90 120 150 180 210 250 300 400



25 Year vessel warranty



2 Year components warranty



Duplex stainless steel construction



Complete with all quality fittings according to model



Wider base for additional stability

MORE FEATURES

- Corrugated heat transfer coil to give 20% faster recovery than plain tube
- Complete with all quality fittings according to model
- Manufactured in accordance with BS EN 12897



Global Warming Potential (GWP) of 1



New flat top & base with 20% more HCFC insulation



Aligned tapping positions for ease of installation



Low standing heat loss



Lightweight for easy installation



Colour matched components

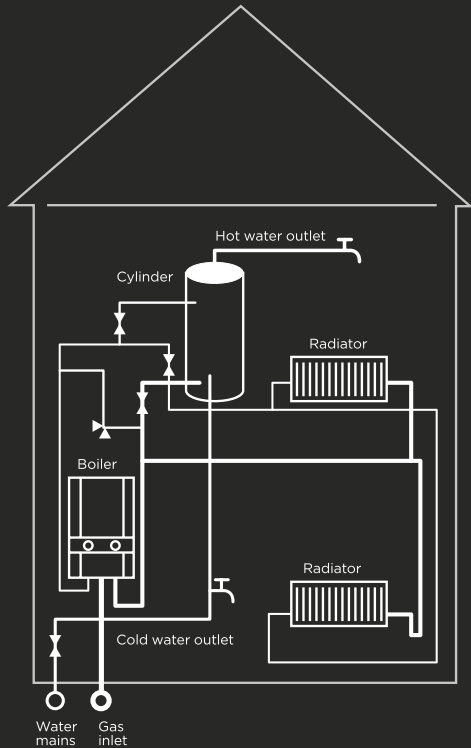


ErP compliant

The Ideal Thermstore IE range of stainless steel unvented, indirect cylinders are manufactured to the highest standards. We have 8 models in the range, all with a 2 year parts and labour warranty, so you can be sure the Thermstore allies the twin demands of excellent product quality with outstanding value.

STANDARD APPLIANCE

- Hot water draw off 3/4" compression
- Temperature and pressure relief valve 90°C/6 bar
- Hot water secondary return 22mm (not fitted to cylinders below 210 litres)
- Immersion heater 1 3/4" BSP 3 kW
- Cold supply 22mm compression
- Dual control/overheat thermostat pocket
- Boiler control sensor pocket (spare)
- Primary flow 3/4" compression (28mm tails for 400 litre model only)
- Primary return 3/4" compression (28mm tails for 400 litre model only)



STANDARD APPLIANCE COMPONENTS

- Combination inlet group incorporating pressure reducing valve, strainer, check valve, balanced cold take-off point, expansion relief valve and expansion vessel connection points
- Potable expansion vessel complete with flexible hose and integrated wall bracket
- Tundish
- Dual control thermostat and combined overheat thermostat
- Two port 22mm zone valve for primary circuit
- Wiring junction box for primary system



		IDEAL THERMSTORE IE							
CYLINDER MODEL		90	120	150	180	210	250	300	400
SIZE	Height (mm)	764	931	1118	1306	1494	1744	1990	2030
	Diameter (mm)	550	550	550	550	550	550	550	630
	Weight (empty) (kg)	20	23	26	30	33	38	43	55
	Weight (full) (kg)	111	142	174	208	241	286	330	455
	Capacity (litres)	91	119	148	178	208	248	287	393
PERFORMANCE	Pressure regulator (bar)	3	3	3	3	3	3	3	3
	Expansion vessel size (litres)	12	12	18	18	24	24	35	2 x 24
	Rating of primary coil (kW)	16.5	18.0	18.5	19.0	20.5	21.5	25.0	30.5
	Heat up time from 15°C to 60°C (min)	17	21	25	30	32	36	38	41
	Efficiency class	A	B	B	B	B	C	C	C
	Heat loss (watts)	32	39	47	55	62	74	86	87

Solar Thermstore IE

180 210 250 300 400

25
YEAR WARRANTY*

25 Year vessel warranty

2

Year components warranty



Duplex stainless steel construction



Rubber connection labels with retention foam



Wider base for additional stability

MORE FEATURES

- Corrugated heat transfer coil to give 20% faster recovery than plain tube
- Complete with all quality fittings according to model
- Manufactured in accordance with BS EN 12897



Global Warming Potential (GWP) of 1



New flat top & base with 20% more HCFC insulation



Aligned tapping positions for ease of installation



Low standing heat loss

kg

Lightweight for easy installation

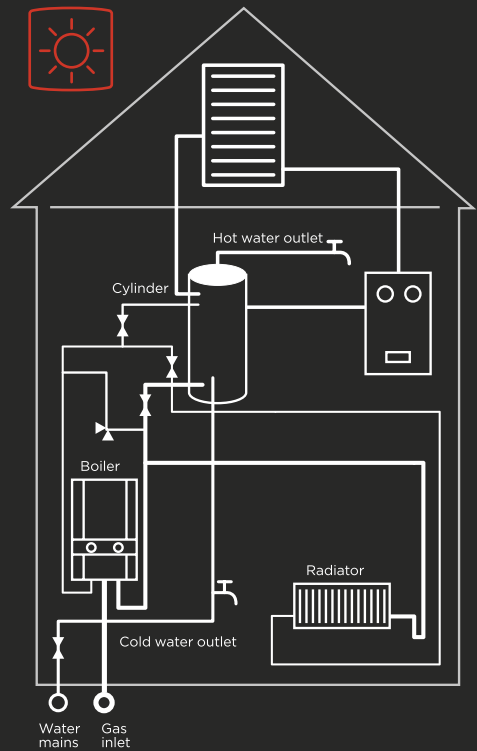


Colour matched components

To complement our range of solar thermal products, the Ideal Solar Thermstore range of unvented cylinders is now available. With a choice of five sizes, all of which come complete with a 2 year warranty, the Ideal Solar Thermstore range is certain to suit your cylinder needs no matter the situation.

STANDARD APPLIANCE

- Hot water draw off 3/4" compression
- Temperature and pressure relief valve 92-95°C/6 bar
- Hot water secondary return 3/4" (not fitted to cylinders below 210 litres)
- Immersion heater 1Ø" BSP 3kW
- Cold supply 3/4" compression
- Dual control/overheat thermostat pocket
- Primary flow 3/4" compression - (28mm tails for 400 litre model only)
- Primary return 3/4" compression - (28mm tails for 400 litre model only)
- Solar coil return to collector 3/4" compression
- Solar coil flow from collector 3/4" compression
- Solar thermostat pocket



STANDARD APPLIANCE COMPONENTS

- Combination inlet group incorporating pressure reducing valve, strainer, check valve, balanced cold take-off point, expansion relief valve and expansion vessel connection points
- Potable expansion vessel complete with flexible hose and wall bracket
- Tundish
- Dual control thermostat and combined overheat thermostat
- Two port 3/4" zone valve for primary circuit
- Wiring junction box for primary system



		IDEAL SOLAR THERMSTORE IE				
CYLINDER MODEL		180	210	250	300	400
SIZE	Height (mm)	1306	1494	1744	1990	2030
	Diameter (mm)	550	550	550	550	630
	Weight (empty) (kg)	31	35	40	44	59
	Weight (full) (kg)	209	243	288	331	459
	Capacity (litres)	178	208	248	287	393
PERFORMANCE	Pressure regulator (bar)	3	3	3	3	3
	Expansion vessel size (litres)	18	24	24	35	2 x 24
	Rating of primary coil (kW)	18.0	18.5	19	20.5	22
	Heat up time from 15°C to 60°C (min)	28	35	38	41	45
	Efficiency class	B	B	C	C	C
	Heat loss (watts)	55	62	74	86	87

Vented Stainless Cylinders

10
YEAR WARRANTY*



Duplex stainless steel



Supplied fitted with incology immersion



Complete with compression fittings with Irish nut and olives



5/7 loop corrugated coil for maximum heat transfer



Tapping positions to BS1566 specifications



Shower take-off/secondary return on all models

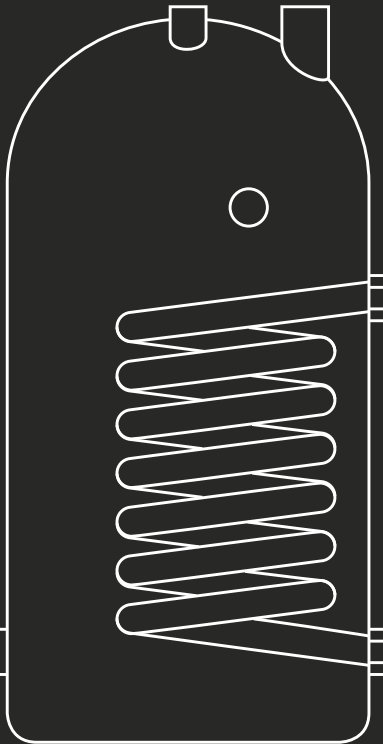


100% recyclable

Manufactured to comply with the standard for stainless steel vented cylinders, these cylinders also have strong environmental credentials including; industry leading 40mm HCFC free insulation, exceptional low standing heat loss and a duplex stainless steel internal cylinder, the product is fully recyclable at the end of its working life

WITH THE OPEN VENTED STAINLESS STEEL CYLINDER, YOU WILL ALSO BENEFIT FROM;

- BS1566 compliant
- The very latest automated welding procedures
- Onsite post weld pickling and passivating treatment guaranteeing that the welds are as strong as the parent metal
- Easy access to immersion heater boss
- 400mm diameter models have 3/4" compressions
- 450mm x 900mm model has 3/4" compressions
- Remaining 450mm diameter models have 3/4 compressions on coil and 28mm on cold feed and hot water draw off
- Twin coil range available for use with solid fuel and gravity circulation systems



STANDARD RANGE						
Reference	Product Code	ERP Rating	Cylinder height (mm)	Cylinder diameter (mm)	Capacity (litres)	Heat Loss (watts)
P0933200M	SEIE 30X18IND	C	750	450	96	50
P0933202M	SEIE 36X16IND	C	900	400	94	52
P0933204M	SEIE 36X18IND	C	900	450	117	56
P0933206M	SEIE 42X16IND	C	1050	400	112	55
P0933208M	SEIE 42X18IND	C	1050	450	140	71
P0933210M	SEIE 48X18IND	C	1200	450	162	73
P0933212M	SEIE 48X16IND	C	1200	400	132	58
TWIN COIL RANGE						
P0933249M	SEIE30X18IND GRAV	C	750	450	96	50
P0933250M	SEIE36X18IND GRAV	C	900	450	117	56
P0933252M	SEIE42X18IND GRAV	C	1050	450	140	71
P0933254M	SEIE48X18IND GRAV	C	1200	450	162	73

- Please note**
- The twin coil range of cylinders have been specifically designed for gravity circulation and are also suitable for use on pumped systems.
 - The gravity coil performance depends upon the correct installation of the pipe work connecting the heat source to the cylinder.

TECHNICAL SPECIFICATIONS



Logic Heat IE technical specification

		LOGIC HEAT IE				
BOILER MODEL		H12IE	H15IE	H18IE	H24IE	H30IE
PRODUCT CODE		218265	218266	218267	218268	218269
SIZE	Height (mm)	700	700	700	700	700
	Width (mm)	395	395	395	395	395
	Depth (mm)	278	278	278	278	278
	Weight (packed) kg	26.2	26.2	26.2	26.2	26.2
	Maximum installation weight kg	22.7	22.7	22.7	22.7	22.7
PERFORMANCE	CH output (kW) Min/Max mean 70°C	4.8 - 12.0	4.8 - 15.0	4.8 - 18.0	4.8 - 24.2	6.1 - 30.3
	CH output (kW) Min/Max mean 40°C	5.1 - 13.0	5.1 - 15.9	5.1 - 19.1	5.1 - 25.6	6.4 - 31.0
	DHW output (kW) Max	N/A	N/A	N/A	N/A	N/A
	DHW flow rate l/min. 35°C rise	N/A	N/A	N/A	N/A	N/A
	SEAI HARP (2005) %	91.1	91.1	91.1	91.2	91.1
	NOx Classification	6	6	6	6	6
	Optional LPG kit	No	No	No	Yes	Yes
CONSTRUCTION	Heat exchanger material	Cast Aluminium - Silicon Alloy				
	Burner type	Downward firing pre-mix				
	Fully modulating	Yes	Yes	Yes	Yes	Yes
	DHW plate heat exchanger	N/A	N/A	N/A	N/A	N/A
	Integrated hydrobloc	N/A	N/A	N/A	N/A	N/A
INSTALLATION	Suitable for sealed systems	Yes	Yes	Yes	Yes	Yes
	Suitable for open-vent systems	Yes	Yes	Yes	Yes	Yes
	Filling loop	No	No	No	No	No
	Pre-wired mains lead	No	No	No	No	No
	Flow regulator	N/A	N/A	N/A	N/A	N/A
	In-built system bypass	No	No	No	No	No
	In-built condensate trap/siphon	Yes	Yes	Yes	Yes	Yes
	In-built boiler frost protection	Yes	Yes	Yes	Yes	Yes
	Zero compartment ventilation	Yes	Yes	Yes	Yes	Yes
CLEARANCES	Top (min. mm) from top of boiler	165 (100 with rear outlet flue)				
	Side (mm)	2.5	2.5	2.5	2.5	2.5
	Bottom (mm)	100*	100*	100*	100*	100*
	Front (mm)	450*	450*	450*	450*	450*
USER INTERFACE	User display	Symbols display, 2 dials, 2 buttons				
	User interface	Digital display & manual controls				
	Diagnostics	Fault diagnosis display				
	User adjustable	Manual heating control				
	'Eco' setting on CH	Yes	Yes	Yes	Yes	Yes
	In-built programmer	No	No	No	No	No
PIPES	Pre-piping kit	No	No	No	No	No
	Stand-off kit	Optional	Optional	Optional	Optional	Optional
	Stand-off kit inc. pipes	No	No	No	No	No
FLUES	Max horizontal	9m	9m	9m	9m	8m
	Max vertical	7.5m [†]	7.5m [†]	7.5m [†]	7.5m [†]	7.5m [†]
	Powered vertical**	22m	22m	22m	22m	22m
	Direct rear flue kit (55/80)	Yes	Yes	Yes	Yes	Yes
CONNECTIONS ^{††}	Gas supply connection	15mm copper compression				
	CH flow connection	22mm copper compression				
	CH return connection	22mm copper compression				
	Inlet connection - DHW	N/A				
	Outlet connection - DHW	N/A				
	Condensate drain	21.5mm universal				
ErP EFFICIENCIES	Condensing boiler	Yes	Yes	Yes	Yes	Yes
	Seasonal space heating efficiency class	A	A	A	A	A
	Rated heat output kW	12	15	18	24	30
	Seasonal space heating energy efficiency ηs%	93	93	93	94	93
	Sound power level, indoors LWA dB	36	38	41	47	49
	Water heating energy efficiency class	N/A	N/A	N/A	N/A	N/A

Vogue System IE technical specification

		VOGUE SYSTEM IE			
BOILER MODEL		15	18	26	32
PRODUCT CODE		218273	218274	218275	218276
SIZE	Height (mm)	740	740	740	740
	Width (mm)	445	445	445	445
	Depth (mm)	330	330	330	330
	Packaged weight (kg)	35.5	36.3	37.7	39.7
	Installation weight (kg)	30.7	31.5	32.9	34.3
PERFORMANCE	CH output (kW) Min/Max mean 70°C	3.0-15.0	3.6-18.0	5.2-26.0	6.4-32.0
	CH output (kW) Min/Max mean 40°C	3.2-16.2	3.9-19.3	5.6-27.9	6.8-34.3
	DHW output (kW) Max	N/A	N/A	N/A	N/A
	DHW flow rate l/min. 35°C rise	N/A	N/A	N/A	N/A
	SEAI HARP (2005) %	91	91.1	91.1	91.1
	NOx Classification	6	6	6	6
	Optional LPG kit	Yes	Yes	Yes	Yes
CONSTRUCTION	Heat exchanger material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
	Burner type	Pre-mix with cool burner door			
	Fully modulating output	5:1	5:1	5:1	5:1
	DHW plate heat exchanger	N/A	N/A	N/A	N/A
	Integrated hydrobloc	N/A	N/A	N/A	N/A
INSTALLATION	Suitable for sealed systems	Yes	Yes	Yes	Yes
	Suitable for open-vent systems	No	No	No	No
	Filling loop	No	No	No	No
	Pre-wired mains lead	Yes	Yes	Yes	Yes
	In-built system bypass	Yes	Yes	Yes	Yes
	In-built condensate trap/siphon	Yes	Yes	Yes	Yes
	In-built boiler frost protection	Yes	Yes	Yes	Yes
	Safety valve drain outlet pipe	Yes	Yes	Yes	Yes
	Zero compartment ventilation	Yes	Yes	Yes	Yes
CLEARANCES	Top (min. mm) (from top of boiler)	165	165	165	165
	Side (mm)	2.5	2.5	2.5	2.5
	Bottom (mm)	100*	100*	100*	100*
	Front (mm)	450*	450*	450*	450*
USER INTERFACE	User display	Large full colour backlit LCD with text & symbols			
	User interface	Text display & multi-function buttons			
	Diagnostics	Plain English text			
	User adjustable	Manual heating control			
	DHW preheat	N/A	N/A	N/A	N/A
	Pressure gauge	Analogue in control panel			
	In-built programmer	No	No	No	No
PIPES	Stand-off kit	Yes	Yes	Yes	Yes
	Stand-off kit inc. pipes.	Yes	Yes	Yes	Yes
FLUES	Max horizontal	10	10	10	8
	Max vertical	10	10	10	10
CONNECTIONS**	Gas supply connection	22mm copper compression			
	CH flow connection	22mm copper compression			
	CH return connection	22mm copper compression			
	Inlet connection - DHW	N/A			
	Outlet connection - DHW	N/A			
ErP EFFICIENCIES	Condensate drain	21.5mm Universal			
	Condensing boiler	Yes	Yes	Yes	Yes
	Seasonal space heating efficiency class	A	A	A	A
	Rated heat output kW	15	18	26	32
	Seasonal space heating energy efficiency ηs %	92.4	93.2	93.1	93.2
	Sound power level, indoors LWA dB	50	52	52	50
	Water heating energy efficiency class	N/A	N/A	N/A	N/A

*Can be reduced to 5mm, 450mm required for servicing (front), 100mm (bottom). **For outputs exceeding 18kW, 28mm primary pipework may be required.

Logic System IE technical specification

		LOGIC SYSTEM IE			
BOILER MODEL		S15IE	S18IE	S24IE	S30IE
PRODUCT CODE		215668	215669	215670	215671
SIZE	Height (mm)	700	700	700	700
	Width (mm)	395	395	395	395
	Depth (mm)	278	278	278	278
	Weight (packed) kg	31.6	31.6	31.6	31.6
	Maximum installation weight kg	26.2	26.2	26.2	26.2
PERFORMANCE	CH output (kW) Min/Max mean 70°C	4.8 - 15.0	4.8 - 18.0	4.8 - 24.2	6.1 - 30.3
	CH output (kW) Min/Max mean 40°C	5.1 - 15.9	5.1 - 19.1	5.1 - 25.6	6.4 - 31.0
	DHW output (kW) Max	N/A	N/A	N/A	N/A
	DHW flow rate l/min. 35°C rise	N/A	N/A	N/A	N/A
	SEAI HARP (2005) %	91.2	91.1	91.2	91.1
	NOx Classification	6	6	6	6
	Optional LPG kit	No	No	Yes	Yes
CONSTRUCTION	Heat exchanger material	Cast Aluminium - Silicon Alloy			
	Burner type	Downward firing pre-mix			
	Fully modulating	Yes	Yes	Yes	Yes
	DHW plate heat exchanger	N/A	N/A	N/A	N/A
	Integrated hydrobloc	N/A	N/A	N/A	N/A
INSTALLATION	Suitable for sealed systems	Yes	Yes	Yes	Yes
	Suitable for open-vent systems	No	No	No	No
	Filling loop	No	No	No	No
	Pre-wired mains lead	Yes	Yes	Yes	Yes
	Flow regulator	N/A	N/A	N/A	N/A
	In-built system bypass	Yes	Yes	Yes	Yes
	In-built condensate trap/siphon	Yes	Yes	Yes	Yes
	In-built boiler frost protection	Yes	Yes	Yes	Yes
	Zero compartment ventilation	Yes	Yes	Yes	Yes
CLEARANCES	Top (min. mm) from top of boiler	165	165	165	165
	Side (mm)	2.5	2.5	2.5	2.5
	Bottom (mm)	100*	100*	100*	100*
	Front (mm)	450*	450*	450*	450*
USER INTERFACE	User display	Symbols			
	User interface	2 dials, 2 buttons			
	Diagnostics	Fault diagnosis display			
	User adjustable	Manual heating control			
	'Eco' setting on CH	Yes	Yes	Yes	Yes
	In-built programmer	No	No	No	No
PIPES	Pre-piping kit	Optional	Optional	Optional	Optional
	Stand-off kit	Optional	Optional	Optional	Optional
	Stand-off kit inc. pipes	Optional	Optional	Optional	Optional
FLUES	Max horizontal	9m	9m	9m	8m
	Max vertical	7.5m	7.5m	7.5m	7.5m
	Powered vertical**	22m	22m	22m	22m
	Direct rear flue kit (55/80)	No	No	No	No
CONNECTIONS ^{††}	Gas supply connection	15mm copper compression			
	CH flow connection	22mm copper compression			
	CH return connection	22mm copper compression			
	Inlet connection - DHW	N/A			
	Outlet connection - DHW	N/A			
ErP EFFICIENCIES	Condensate drain	21.5mm universal			
	Condensing boiler	Yes	Yes	Yes	Yes
	Seasonal space heating efficiency class	A	A	A	A
	Rated heat output kW	15	18	24	30
	Seasonal space heating energy efficiency ηs%	93	93	94	93
	Sound power level, indoors LWA dB	44	46	48	48
	Water heating energy efficiency class	N/A	N/A	N/A	N/A

*Can be reduced to 5mm, 450mm required for servicing (front), 100mm (bottom). **Refer to Powered Vertical instructions for details. †Also available: High Level Flue Outlet Kit/Direct Rear Flue Kit (55/80). ††For outputs exceeding 18 kW, 28mm primary pipework may be required.

Vogue Combi IE technical specification

		VOGUE COMBI IE		
BOILER MODEL		26	32	40
PRODUCT CODE		218270	218271	218272
SIZE	Height (mm)	740	740	740
	Width (mm)	445	445	445
	Depth (mm)	330	330	330
	Packaged weight (kg)	37.6	38.9	40.9
	Installation weight (kg)	32.4	33.8	35.4
PERFORMANCE	CH output (kW) Min/Max mean 70°C	3.7-18.0	4.6-26.0	5.7-32.0
	CH output (kW) Min/Max mean 40°C	4.0-19.3	4.9-27.9	6.1-34.3
	DHW output (kW) Max	26	32	40
	DHW flow rate l/min. 35°C rise	10.6	13.1	16.4
	SEAI HARP (2005) %	91	91.1	91
	NOx Classification	6	6	6
	Optional LPG kit	Yes	Yes	Yes
CONSTRUCTION	Heat exchanger material	Stainless steel	Stainless steel	Stainless steel
	Burner type	Pre-mix with cool burner door		
	Fully modulating output	7:1	7:1	7:1
	DHW plate heat exchanger	Yes	Yes	Yes
	Integrated hydrobloc	Yes	Yes	Yes
INSTALLATION	Suitable for sealed systems	Yes	Yes	Yes
	Suitable for open-vent systems	No	No	No
	Filling loop	Yes	Yes	Yes
	Pre-wired mains lead	Yes	Yes	Yes
	In-built system bypass	Yes	Yes	Yes
	In-built condensate trap/siphon	Yes	Yes	Yes
	In-built boiler frost protection	Yes	Yes	Yes
	Safety valve drain outlet pipe	Yes	Yes	Yes
	Zero compartment ventilation	Yes	Yes	Yes
CLEARANCES	Top (min. mm) (from top of boiler)	165	165	165
	Side (mm)	2.5	2.5	2.5
	Bottom (mm)	100*	100*	100*
	Front (mm)	450*	450*	450*
USER INTERFACE	User display	Large full colour backlit LCD with text & symbols		
	User interface	Text display & multi-function buttons		
	Diagnostics	Plain English text		
	User adjustable	Manual heating & hot water controls		
	DHW preheat	Yes	Yes	Yes
	Pressure gauge	Analogue in control panel		
	In-built programmer	Optional (Mech. & electronic)		
PIPES	Stand-off kit	Yes	Yes	Yes
	Stand-off kit inc. pipes.	Yes	Yes	Yes
FLUES	Max horizontal	10	8	8
	Max vertical	10	10	10
CONNECTIONS**	Gas supply connection	22mm copper compression		
	CH flow connection	22mm copper compression		
	CH return connection	22mm copper compression		
	Inlet connection - DHW	15mm copper compression		
	Outlet connection - DHW	15mm copper compression		
	Condensate drain	21.5mm Universal		
ErP EFFICIENCIES	Condensing boiler	Yes	Yes	Yes
	Seasonal space heating efficiency class	A	A	A
	Rated heat output kW	18	26	32
	Seasonal space heating energy efficiency ηs %	92.7	93.1	93
	Sound power level, indoors LWA dB	47	50	49
	Water heating energy efficiency class	A	A	A

*Can be reduced to 5mm, 450mm required for servicing (front), 100mm (bottom). **For outputs exceeding 18kW, 28mm primary pipework may be required.

Logic Combi IE technical specification

		LOGIC COMBI IE		
BOILER MODEL		C24IE	C30IE	C35IE
PRODUCT CODE		218262	218263	218264
SIZE	Height (mm)	700	700	700
	Width (mm)	395	395	395
	Depth (mm)	278	278	278
	Weight (packed) kg	33.7	33.7	33.7
	Maximum installation weight kg	28.9	29	29.1
PERFORMANCE	CH output (kW) Min/Max mean 70°C	4.8 - 24.2	6.1 - 24.2	7.1 - 24.2
	CH output (kW) Min/Max mean 40°C	5.1 - 25.6	6.4 - 25.6	7.5 - 25.6
	DHW output (kW) Max	24.2	30.3	35.3
	DHW flow rate l/min. 35°C rise	9.9	12.4	14.5
	SEAI HARP (2005) %	91.1	91.1	91.1
	NOx Classification	6	6	6
	Optional LPG kit	Yes	Yes	No
CONSTRUCTION	Heat exchanger material	Cast Aluminium - Silicon Alloy		
	Burner type	Downward firing pre-mix		
	Fully modulating	Yes	Yes	Yes
	DHW plate heat exchanger	Yes	Yes	Yes
	Integrated hydrobloc	Yes	Yes	Yes
INSTALLATION	Suitable for sealed systems	Yes	Yes	Yes
	Suitable for open-vent systems	No	No	No
	Filling loop	Yes	Yes	Yes
	Pre-wired mains lead	Yes	Yes	Yes
	Flow regulator	Yes	Yes	Yes
	In-built system bypass	Yes	Yes	Yes
	In-built condensate trap/siphon	Yes	Yes	Yes
	In-built boiler frost protection	Yes	Yes	Yes
	Zero compartment ventilation	Yes	Yes	Yes
CLEARANCES	Top (min. mm) from top of boiler	165	165	165
	Side (mm)	2.5	2.5	2.5
	Bottom (mm)	100*	100*	100*
	Front (mm)	450*	450*	450*
USER INTERFACE	User display	Symbols display, 3 dials, 2 buttons		
	User interface	Text display & manual controls		
	Diagnostics	Plain English text		
	User adjustable	Manual heating & hot water controls		
	'Eco' setting on CH	Yes	Yes	Yes
	In-built programmer	Optional	Optional	Optional
PIPES	Pre-piping kit	Optional	Optional	Optional
	Stand-off kit	Optional	Optional	Optional
	Stand-off kit inc. pipes	Optional	Optional	Optional
FLUES	Max horizontal	9m	8m	6m
	Max vertical	7.5m	7.5m	7.5m
	Powered vertical**	22m	22m	22m
	Direct rear flue kit (55/80)	No	No	No
CONNECTIONS ^{††}	Gas supply connection	15mm copper compression		
	CH flow connection	22mm copper compression		
	CH return connection	22mm copper compression		
	Inlet connection - DHW	15mm copper compression		
	Outlet connection - DHW	15mm copper compression		
	Condensate drain	21.5mm universal		
ErP EFFICIENCIES	Condensing boiler	Yes	Yes	Yes
	Seasonal space heating efficiency class	A	A	A
	Rated heat output kW	24	24	24
	Seasonal space heating energy efficiency ηs%	94	94	94
	Sound power level, indoors LWA dB	48	46	44
	Water heating energy efficiency class	A	A	A

*Can be reduced to 5mm, 450mm required for servicing (front), 100mm (bottom). **Refer to Powered Vertical instructions for details. †Also available: High Level Flue Outlet Kit/Direct Rear Flue Kit (55/80). ††For outputs exceeding 18 kW, 28mm primary pipework may be required.

WE BELIEVE
IN GETTING THE
MOST OUT OF
YOUR SYSTEM



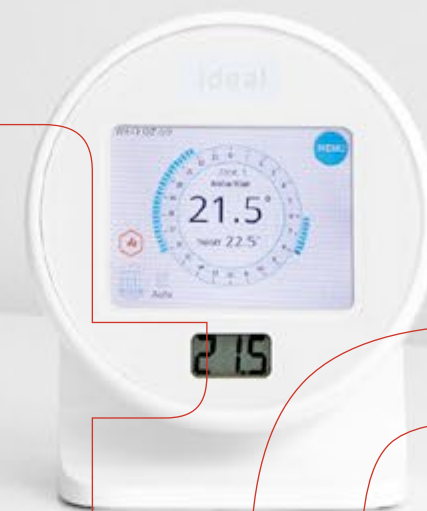
SMART CONTROL



RF CONTROL



WEATHER COMPENSATION



confort

Touch Connect

App controlled heating



Pre-programmed and flexible heating scheduling



Stylish premium design with rotating wheel



Real-time weather updates



Easy to use app and thermostat



Quick and easy installation



Portable wireless thermostat

Heating Anytime Control Anywhere

Touch Connect is the app controlled thermostat brought to you from Ideal Boilers, offering total heating comfort directly from your smart phone.

APP CONTROLLED HEATING

The Ideal Touch app is available for iOS & Android offering total control with pre-programmed or flexible scheduling options for effortless and accurate heating in the home. With regular enhancements via app updates, new features will become available with no need to upgrade the Touch unit.



EASY TO INSTALL

Touch is so easy to install, you could be up and running in less than 5 minutes! Touch doesn't require any hardwiring, just click the transceiver into the boiler, plug the gateway into the router, the device will automatically pair, and you're good to go!

REMOTE SMART SUPPORT

Ideal's Customer Service team can remotely access any boiler with a Touch Connect thermostat. Should assistance be needed, this allows the team to read information directly from the boiler and enables them to offer real time accurate advice to customers and engineers where necessary.

TOUCH APP SUPPORT

We believe in world class customer support so if you require any help setting up or using our app please get in touch:

support@idealtouch.co.uk

TOUCH CONNECT IS
COMPATIBLE WITH
ALL OF OUR CURRENT
COMBI BOILERS



Vogue IE Combi 26 32 40



Logic IE Combi C24 C30 C35

Controls & accessories



Touch RF radio frequency controlled heating

As part of our Touch family we have an RF electronic thermostat available to work with a Combi or System and Heat only boilers. The Touch RF thermostats feature a full colour touch screen and a sleek and easy to use design, with rotating outer dial for simple temperature changes.



Stylish aesthetics and easy to use.



Mechanical Timer

The Ideal Mechanical Timer offers the simplest way of timing a central heating system. With an easy to use tappit selector, and 3 basic modes to choose from (On/Off/Timed) the Mechanical Timer could not be any simpler to use.



Easy to use



3 basic modes to choose from



Weather Compensation Outdoor Sensor

The Ideal Weather Compensation kit allows the boiler to measure the outside temperature and, using this information, reduces the boiler water flow temperature. This improves the efficiency of the running of the boiler, and therefore reduces energy bills



Measure outdoor weather to improve boiler efficiency



Accessories

LPG kits for Vogue IE & Logic IE

KEY FEATURES OF VOGUE KITS

EACH KIT COMPRISES:

- Burner injector
- Data plate labels
- Instructions

Two data plate labels are provided in the kits inclusive of a new data plate providing LPG details, and a label to retain boiler serial number identity.

KEY FEATURES

- Available for all Vogue Combi and System models
- Fast & simple conversion using boiler controls and injector

PRODUCTS APPLICABLE

- Vogue Combi 26IE, 32IE, 40IE kW
- Vogue System 15IE, 18IE, 26IE, 32IE kW

KEY FEATURES OF LOGIC KITS

- Suitable for most property sizes
- Fast & simple conversion with pre-set gas valve for no product adjustment

PRODUCTS APPLICABLE

- Logic Combi 24IE & 30IE kW
- Logic Heat 24IE & 30IE kW
- Logic System 24IE & 30IE kW

NATURAL GAS TO LPG KIT CONTENTS

EACH KIT COMPRISES:

- Gas valve (preset operation)
- Burner injector
- Data plate labels
- Instructions

Use of a preset gas valve ensures that set up is simple and easy, reducing commissioning time.

Two data plate labels are provided in the kits inclusive of a new data plate providing LPG details, and a label to retain boiler serial number identity.

LPG HEAT OUTPUTS

BOILER MODEL	LOGIC COMBI 24IE	LOGIC COMBI 30IE	LOGIC HEAT 24IE	LOGIC HEAT 30IE	LOGIC SYSTEM 24IE	LOGIC SYSTEM 30IE	VOGUE COMBI			VOGUE SYSTEM			
							26IE	32IE	40IE	15IE	18IE	26IE	32IE
Min. output (kW)	8	8	8	8	8	8	4.4	5.4	6.7	3.8	4.4	5.2	8.0
Max. output (kW)	24.3	24.3	24.3	30.4	24.3	30.3	18.0	26.0	32.0	15.0	18.0	26.0	32.0
Max. DHW output (kW)	24.2	30.3	N/A	N/A	N/A	N/A	26.0	32.0	40.0	N/A	N/A	N/A	N/A

PRODUCT CODE	NG - LPG CONVERSION KITS
218366	Logic Combi 24IE
218367	Logic Combi 30IE
218368	Logic Heat 24IE
218369	Logic Heat 30IE
215747	Logic System 24IE
215748	Logic System 30IE

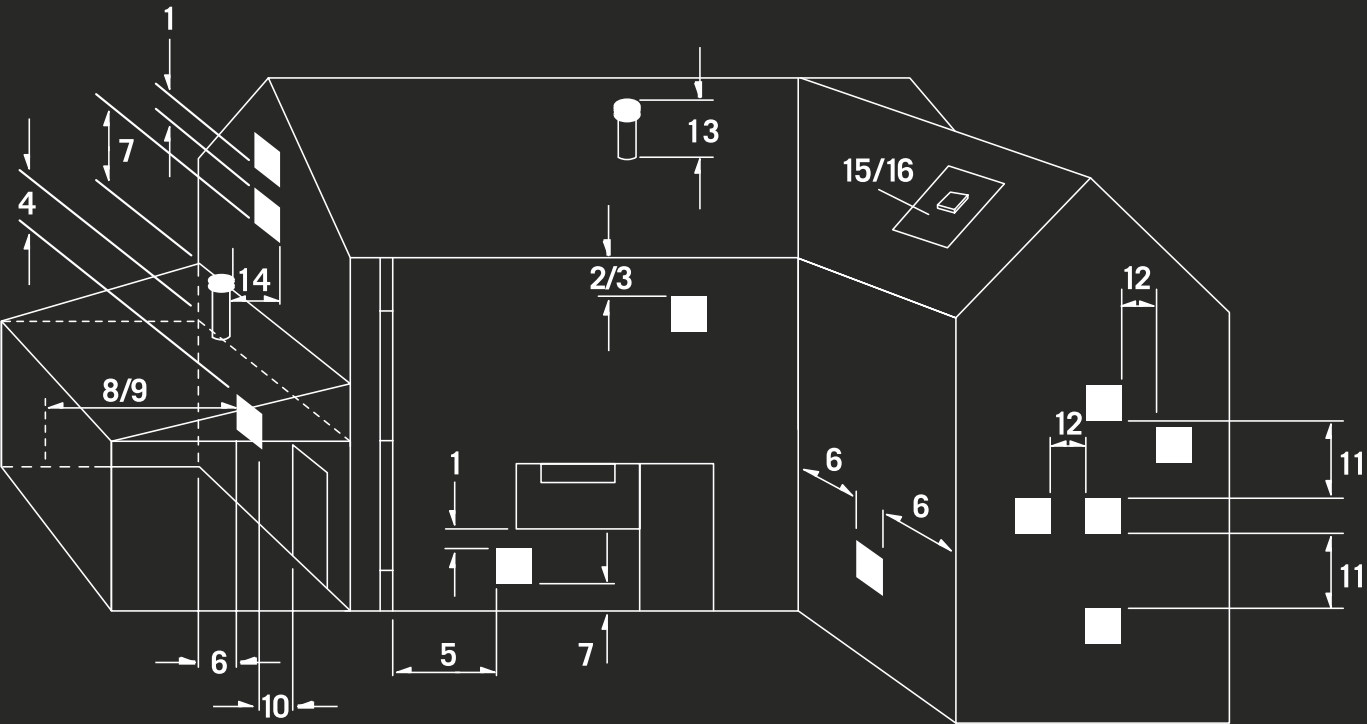
PRODUCT CODE	NG - LPG CONVERSION KITS
218370	Vogue Combi 26IE
218371	Vogue Combi 32IE
218372	Vogue Combi 40IE
218373	Vogue System S15IE
218374	Vogue System S18IE
218375	Vogue System S26IE
218376	Vogue System S32IE

Flue siting

There are a substantial number of flueing options available with the Ideal ranges, giving excellent siting flexibility for almost all applications.

The range of options include standard and telescopic flue as well as roof flue and powered vertical flue options.

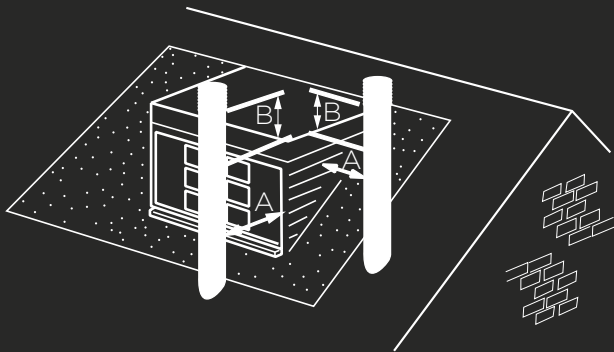
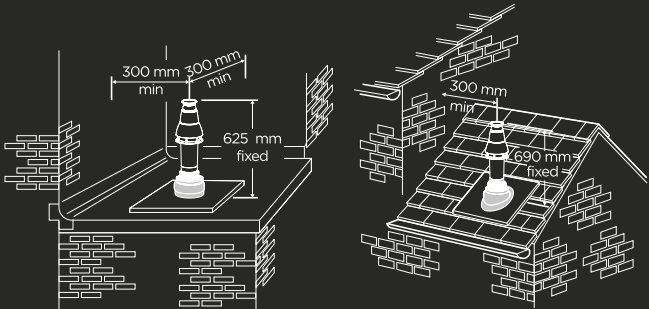
To ensure siting issues are kept to a minimum, High Level Flue Outlet kit options and Flue Deflector kits are available.



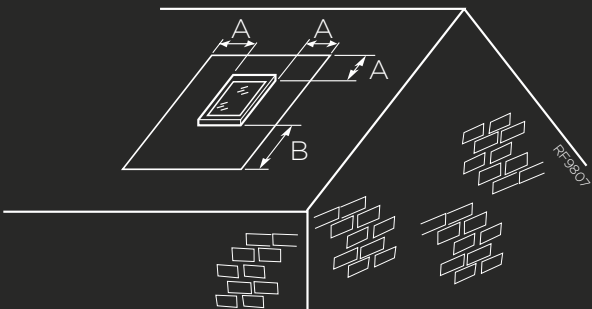
Flue siting

Minimum dimensions of
flue terminal positions

FLUE TERMINAL POSITION	MIN. SPACING
1. Directly below, above or alongside an opening window, air vent or other ventilation opening.	300mm
2. Below guttering, drain pipes or soil pipes BS5440-1	25mm* 75mm
3. Below eaves. BS5440-1	25mm* 200mm
4. Below balconies or car port roof. BS5440-1	25mm* 200mm
5. From vertical drain pipes or soil pipes. BS5440-1	25mm* 150mm
6. From an internal or external corner or to a boundary alongside the terminal. BS5440-1	25mm* 300mm
7. Above ground, roof or balcony level.	300m
8. From a surface or boundary facing a terminal.	600mm
9. From a terminal facing a terminal.	1200mm
10. From an opening in a car port (eg. door or window) into dwelling.	1200mm
11. Vertically from a terminal on the same wall.	1500mm
12. Horizontally from a terminal on the wall.	300mm



If chimney penetrates dotted area such that A is less than 300mm, B shall not be less than 300mm.



A = 600mm
B = 2000mm

The flue terminal shall not penetrate the shaded area of the roof.

Accessories

Flue kits & flue accessories

LOGIC & VOGUE

FLUE KITS

PART No.	DESCRIPTION
217442	1m fixed terminal
208171	Horizontal flue terminal (0.6m long)
217442	Horizontal flue terminal (1m long)
208169	Telescopic B pack flue (0.6m long)
208174	Telescopic horizontal flue terminal (1m long)
208290	Raised horizontal flue kit
203129	Flue extension 1m (pack D)
203130	Flue elbow 90 deg kit (60/100)
203131	Flue elbow 45 deg kit (60/100) (pair)
208178	High level flue outlet kit
203228	Flue extension kit 60 dia (1m) for high level flue outlet kit
203229	High level 90 deg elbow
203230	High level 45 deg elbow (pair)
152258	Weather collar universal 100 dia (fits slate & tiles)
152259	Weather collar flat roof 100 dia

PART No.	DESCRIPTION
208176	Rear flue outlet kit 55/80 (Heat only boilers)
205990	High level outlet kit 55/80 (Heat only boilers, rear flue only)
205989	Balcony flue outlet kit
208177	Flue extension 0.5m kit (Pack D)
211037	Flue extension 2m kit (Pack D)
211038	Roof flue kit (with vertical connector)
211039	Soffit kit 60/100
211302	Soffit kit 60/100
205247	Flue bracket kit
208175	Flue vertical connector
205024	Concentric flue screw retaining kit
155988	Flue finishing kit
203134	Flue powered vertical terminal 100 dia
203136	Vertical powered flue kit
210803	Roof terminal extension 60/100

VOGUE

ACCESSORIES

PART No.	DESCRIPTION
208442	Stand off kit Combi and System
217088	Stand off kit (including piping) Vogue IE Combi
217089	Stand off kit (including piping) Vogue IE System
205419	Kit - DHW expansion vessel kit
159991	Condensate pump kit
204565	Secondary pressure relief valve kit
205217	Security bracket kit

LOGIC

ACCESSORIES

PART No.	DESCRIPTION
211103	Stand off kit Combi and System
211101	Stand off kit (including upward piping; combi)
211330	Stand off kit with pipes Logic IE System
206153	Stand off kit Heat
211328	Terminal wall plate RS kit IE combi & system
206164	Terminal wall plate kit RS replacement (heat)
205419	DHW expansion vessel kit
211041	Pre-piping kit (Combi IE)
211331	Pre-piping kit (System IE)
205217	Security bracket kit
159991	Condensate pump kit
204565	Secondary pressure relief valve kit



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WORK
WEAR



GADGETS
& GIFTS



LEISURE
BREAKS



HIGHSTREET
VOUCHERS

SMILE ITS IDEAL



INSTALLER CONNECT



EASY REGISTRATION



EARN POINTS

EASY WARRANTY REGISTRATIONS

The Installer Connect app available for iOS and Android allows you to register boilers on the go by simply scanning the boiler barcode and filling in the information. You can then access warranty as PDFs whenever you need them.

EARN POINTS - REDEEM REWARDS

You can earn up to €30 per install with Installer Connect which soon adds up and can then be used to claim the biggest variety of rewards available. Here is how many points you earn on our boilers (see chart on page opposite).

SYSTEM



LOGIC IE



VOGUE IE



EVOMAX

EUROS PER BOILER

VALUE IN POINTS

€20

50
POINTS

€30

75
POINTS

€30

75
POINTS



THE MARKETING TOOLBOX

is a unique opportunity for you to take your points and double them in value to claim on items such as:

- Workwear
- Advertising (newspaper, local radio etc.)
- Van livery
- Web design

WE CAN TAILOR YOUR DOUBLE POINTS TO ANY MARKETING NEED YOU HAVE HELPING YOUR BUSINESS GROW WITH IDEAL.

Spending your points couldn't be simpler. Choose the reward you would like to receive, add it to your basket, then go to your basket and press **"Redeem Now"** - we'll do the rest. The points you use will be automatically deducted from your allocation immediately so you can keep an eye on how many you've got to redeem at anytime.



WORK
WEAR



GADGETS
& GIFTS



LEISURE
BREAKS



HIGHSTREET
VOUCHERS



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COMBI BOILERS



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HEAT BOILERS

Training

DOMESTIC BOILERS

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- Product range overview
- Product specification
- Application and installation of products
- Electronic circuits and components
- Flue and accessory options
- Component overview, change and repair
- User controls
- Sequence of operation
- Fault finding
- Commissioning
- OpenTherm

PRICE: FREE

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Heat Pump Catalogue 2018/2019





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1 Alfea 

p06

Heat pumps

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Heat pump water heater

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p27

App controlled heating

4 Atlantic Heat

p28

Electric heating



Heating your
home has never
been easier

ALFEA A.I HEAT PUMPS



**8* YEAR
WARRANTY**

Air-to-water heat pumps transfer heat from outside (air) using a compressor to heat or cool the property. The heat pump can also be used for the production of domestic hot water.

Heat pumps only consume the electricity required to operate the compressor and any necessary accessories. This means that the energy requirement is significantly lower than the energy it recovers.

The Coefficient of Performance (COP) measures the ratio between the energy supplied and the energy used: for instance, a heat pump with a COP of 3 will consume 1kW of electricity but supply 3kW to the heating or hot water system.

As only an electric supply is required, heat pumps are an ideal solution for dwellings without access to the gas network, while still providing savings on running costs and reducing CO2 emissions.

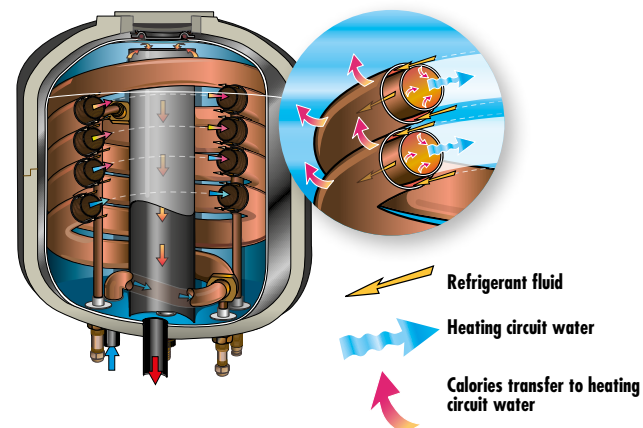


Patented technology

The Alfea A.I provides a dedicated hydraulic conception for improved performances.

The Alfea A.I range benefits from a coaxial heat exchanger, a technology developed and patented by Atlantic to maximise the heat pump performance.

The coaxial heat exchanger is immersed in a buffer tank allowing its functioning without any filter tap or water flow controller, which make Alfea A.I heat pumps a reliable and efficient solution.



Key features

Alfea A.I is a split air-to-water heat pump range which composes of an outdoor inverter unit connected to an indoor hydraulic module by a refrigerant connection.

The Inverter control adapts its power supply according to outside temperature in order to provide the exact amount of energy for a constant and economical heat.

The range also boasts a coaxial heat exchanger, a technology developed and patented by **Atlantic** to maximise heat pump performance.

- 55°C low temperature solutions, 60°C high performance solutions, 80°C hybrid solutions

- COP of up to 4.52

- 3kW electrical back-up as standard (Relay allows upgrade to 6kW)

- Full inverter regulation

- Low energy consumption circulation pump

- ErP - best: up to A++

- Perfect solution for new build or renovation projects, with or without DHW production

- Easy installation and maintenance

- Accessories kit to meet all specific requirements

- 55°C low temperature solutions, 60°C high performance solutions, 80°C hybrid solutions

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- ErP - best: up to A++

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- Easy installation and maintenance

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ATLANTIC REGULATOR NAVISTEM 400S CONTROL

- NEW controlling system Navistem 400S

- Quick start, set up in less than 5 minutes

- Intuitive interface with auto-response menu



Alfea Extensa

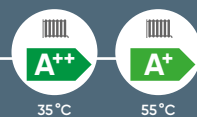
Split air-to-water heat pump that provides a low temperature solution for all projects

**8* YEAR
WARRANTY**



Description

- Suitable for new build and renovation
- 4 models: 5 to 10 kW - single-phase
- Performing heat pump working with outside temperature from -20°C to +35°C
- Low temperature heating (max. 55°C)



Alfea Extensa A.I is the all-round low temperature solution in the Alfea A.I range. Very easily adaptable and with high performance, its design and range of accessories make it a benchmark in the heating sector.

**LOW
TEMPERATURE
55°C**



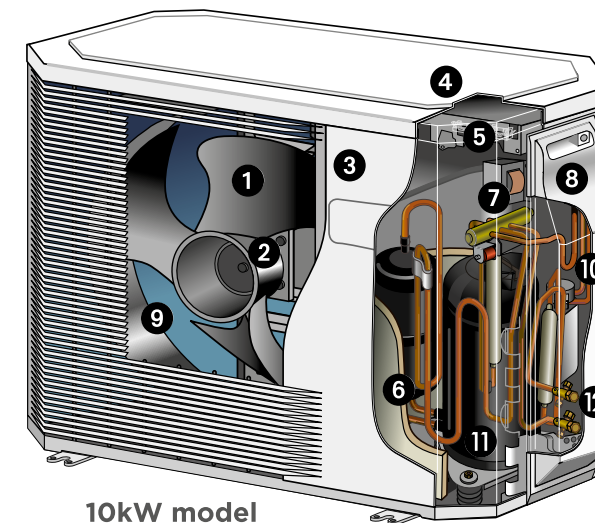
Available options

- 2nd circuit kit (plug-and-play kit)
- Cooling kit
- Separated hot water tank
- Electrical relay to upgrade to 6kW back-up
- Boiler connection kit
- Intelligent room temperature controller

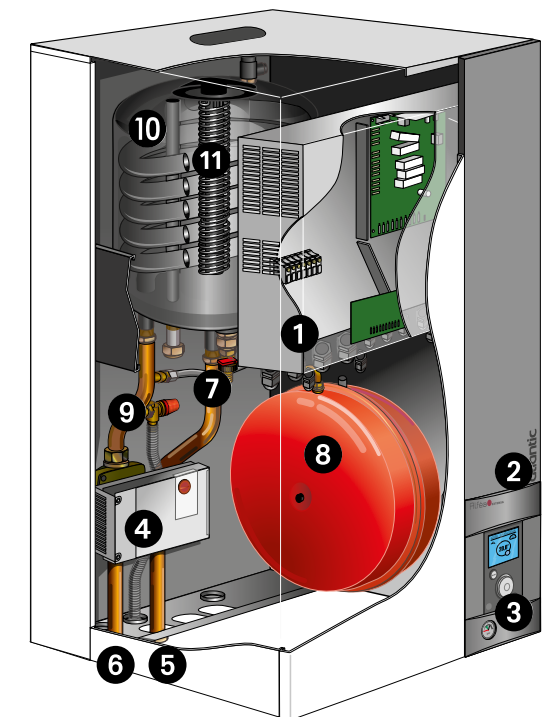
Supplies

OUTDOOR INVERTER UNIT

- Refrigerant circuit (R410A)
- Twin rotary compressor
- Indoor hydraulic module
- Coaxial exchanger immersed in buffer tank
- Low consumption circulation pump
- Outdoor sensor
- Expansion vessel, pressure meter, etc.



10kW model



Outdoor inverter unit

- 1 Low-noise, high-output coil
- 2 Electric variable speed "Inverter" motor
- 3 "Inverter" control module
- 4 Control lights and buttons
- 5 Connection terminals (power supply and interconnection)
- 6 Refrigerant accumulator bottle
- 7 Cycle reversing valve
- 8 Anti-corrosion treated metal cover
- 9 High performance exchange surface evaporator; anti-corrosion treated hydrophilic aluminium fins and grooved copper tubes
- 10 Electronic expansion valve
- 11 Noise and temperature insulated "Inverter" compressor
- 12 Refrigerating connection valves (flared connectors) with protective cover

Indoor hydraulic module

- 1 Electric board
- 2 User interface/regulator
- 3 Pressure gauge
- 4 Low consumption circulation pump
- 5 Heating flow
- 6 Heating return
- 7 Refrigerant connections
- 8 Expansion vessel
- 9 Safety valve
- 10 Coaxial heat exchanger
- 11 Electrical back-up

Key features

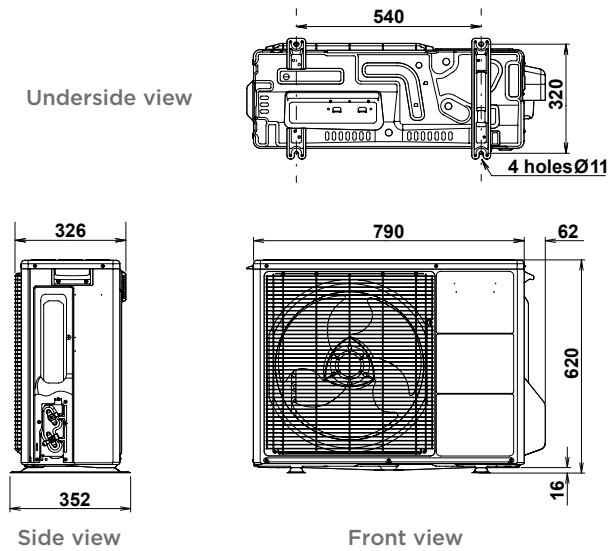
- COP: up to 4.52 (+7°C / +35°C)
- Compatible with all kinds of low temperature transmitters (underfloor heating/cooling, radiator, fan coil)
- Intuitive control and simplified use
- Navistem 400S regulator
- 3kW Electrical back-up integrated
- Integrated 16L buffer tank
- Patented coaxial heat exchanger
- Inverter regulation
- Possibility to manage an electric radiator heating zone from the heat pump control panel (optional)

Alfea Extensa

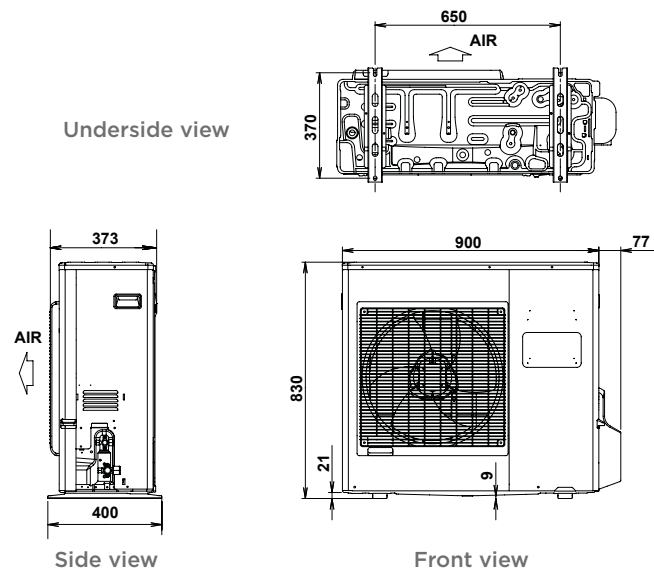
Split air-to-water heat pump that provides a low temperature solution for all projects

Clearances & dimensions

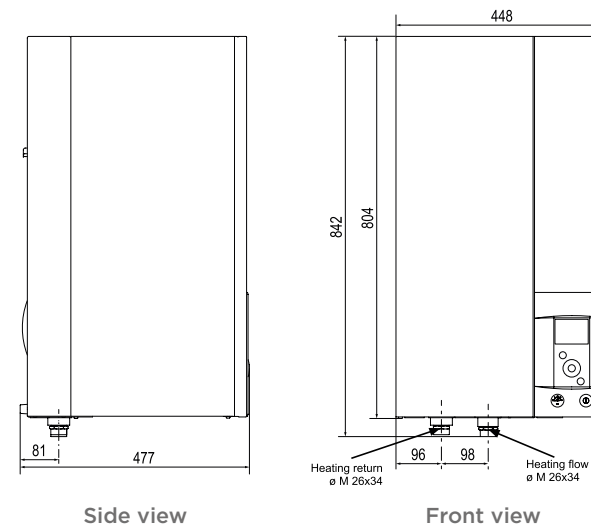
Outdoor inverter unit
Alfea extensa A.I 5, 6 & 8kW



Outdoor inverter unit
Alfea extensa A.I 10KW



Indoor hydraulic module



Technical specification

DESIGNATION	UNIT	ALFEA EXTENSA A.I 5	ALFEA EXTENSA A.I 6	ALFEA EXTENSA A.I 8	ALFEA EXTENSA A.I 10
Product code		AH526220	AH526221	AH526222	AH526223
REFRIGERANT		R410A	R410A	R410A	R410A
Heating capacity +7°C/+35°C - floor heating	kW	4.50	6.00	7.50	10.00
COP +7°C/+35°C - floor Heating		4.52	4.26	4.08	4.02
Heating capacity -7°C/+35°C - floor heating	kW	4.10	4.60	5.70	7.40
COP -7°C/+35°C - floor heating		2.79	2.64	2.56	2.49
Heating capacity +7°C/+45°C - Low T°radiators	kW	4.50	5.10	6.20	8.27
COP +7°C/+45°C - low T°radiators		3.44	3.40	3.32	3.27
Heating capacity -7°C/+45°C - low T°radiators	kW	4.10	4.45	5.05	7.40
COP -7°C/+45°C - low T°radiator		2.20	2.18	2.04	2.00
Heating capacity +7°C/+55°C - radiators	kW	4.50	4.50	5.00	7.00
COP +7°C/+55°C - radiators		2.51	2.51	2.58	2.45
Heating capacity -7°C/+55°C - radiators	kW	3.70	3.85	5.20	7.00
COP -7°C/+55°C - radiators		1.68	1.65	1.56	1.69

ErP	Electric back-up heater (standard)	kW	3	3	3	3
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ENERGY EFFICIENCY & ACOUSTIC CHARACTERISTICS WITH OUTDOOR SENSOR					
Energy class - heating (35°C/55°C)	-	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Thermal power (35°C/55°C)	kW	4 / 4	5 / 5	7 / 6	8 / 8
Seasonal energy efficiency - heating (35°C/55°C)	%	171 / 117	171 / 117	158 / 120	157 / 115

Annual energy consumption - heating (35°C/55°C)	kWh	2160 / 3027	2505 / 3180	3375 / 3886	4415 / 5415
Sound power level (indoor/outdoor)	dB(A)	46 / 63	46 / 63	46 / 69	46 / 69

INDOOR HYDRAULIC MODULE					
Noise level*	dB(A)	39	39	39	39
Dimensions h x w x d	mm	800x450x480	800x450x480	800x450x480	800x450x480
Net weight/filled weight	kg	42 / 58	42 / 58	42 / 58	42 / 58
Power supply		230V / 50Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz

OUTDOOR UNIT					
Noise level**	dB(A)	41	41	47	47
Dimensions h x w x d	mm	620x790x290	620x790x290	620x790x290	830x900x330
Operating weight	kg	41	41	42	60

REFRIGERANT CHARACTERISTICS					
Min./max. length	m	5 / 30	5 / 30	5 / 30	5 / 30
Max. diff. in height	m	15	15	15	15
R410 A factory load	g	1100	1100	1400	1800
Amount of fluid expressed in CO ₂ equivalent	t	2	2	3	4

*Acoustic pressure at 1m from heat pump, 1.5m height, open field, directivity 2.
**Acoustic pressure at 5m from heat pump, 1.5m height, open field, directivity 2.

Alfea Extensa Duo

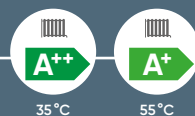
Split air-to-water heat pump that provides a low temperature solution (heating & DHW) for all projects

**8* YEAR
WARRANTY**



Description

- Suitable for new build and renovation
- 4 models: 5 to 10 kW - single-phase
- Heating and DHW integrated
- Performing heat pump working with outside temperature from -20°C to +35°C
- Low temperature heating (max. 55°C)



Alfea Extensa Duo A.I is an easily adaptable, high performance heat pump with integrated domestic hot water production (190 litre storage tank included). Its design and range of accessories make it a benchmark in the heating sector.

**LOW
TEMPERATURE
55°C**



Available options

- 2nd circuit kit (plug-and-play kit)
- Cooling kit
- Hydraulic kit for top connections
- Electrical relay to upgrade to 6kW back-up
- Boiler connection kit
- Intelligent room temperature controller

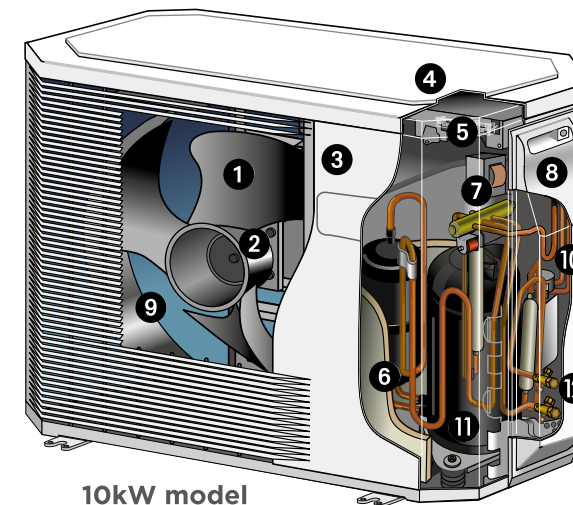
Supplies

OUTDOOR INVERTER UNIT

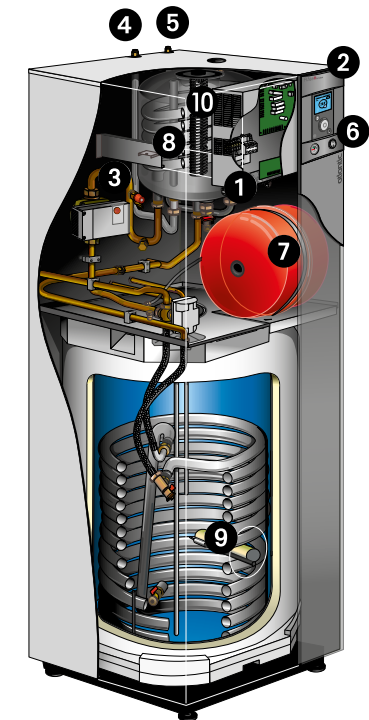
- Refrigerant circuit (R410A)
- Twin rotary compressor

INDOOR HYDRAULIC MODULE

- DHW storage tank integrated (190L)
- Coaxial exchanger immersed in buffer tank
- Low consumption circulation pump
- Outdoor sensor
- Expansion vessel, pressure meter, etc.



10kW model



Outdoor inverter unit

- 1 Low-noise, high-output coil
- 2 Electric variable speed "Inverter" motor
- 3 "Inverter" control module
- 4 Control lights and buttons
- 5 Connection terminals (power supply and interconnection)
- 6 Refrigerant accumulator bottle
- 7 Cycle reversing valve
- 8 Anti-corrosion treated metal cover
- 9 High performance exchange surface evaporator; anti-corrosion treated hydrophilic aluminium fins and grooved copper tubes
- 10 Electronic expansion valve
- 11 Noise and temperature insulated "Inverter" compressor
- 12 Refrigerating connection valves (flared connectors) with protective cover

Indoor hydraulic module

- 1 Electric board
- 2 User interface/regulator
- 3 Low consumption circulation pump
- 4 "Gas" refrigeration connection
- 5 "Liquid" refrigeration connection
- 6 Pressure gauge
- 7 Expansion vessel
- 8 Coaxial heat exchanger
- 9 DHW electric back-up
- 10 Electrical back-up

Key features

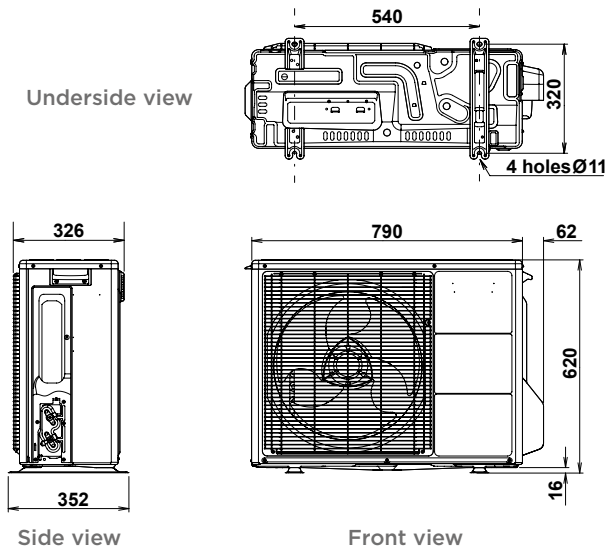
- DHW storage tank included (190L)
- COP: up to 4.52 (+7°C / +35°C)
- Compatible with all kinds of low temperature transmitters (underfloor heating/cooling, fan coil)
- Intuitive control and simplified use
- Navistem 400S regulator
- 3kW Electrical back-up integrated
- 16L buffer tank integrated
- Patented coaxial heat exchanger
- Inverter regulation
- Possibility to manage an electric radiator heating zone from the heat pump control panel (optional)

Alfea Extensa Duo

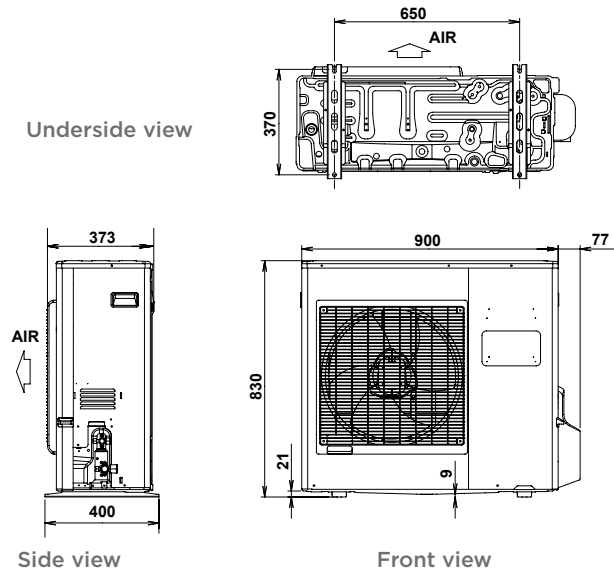
Split air-to-water heat pump that provides a low temperature solution (heating & DHW) for all projects

Clearances & dimensions

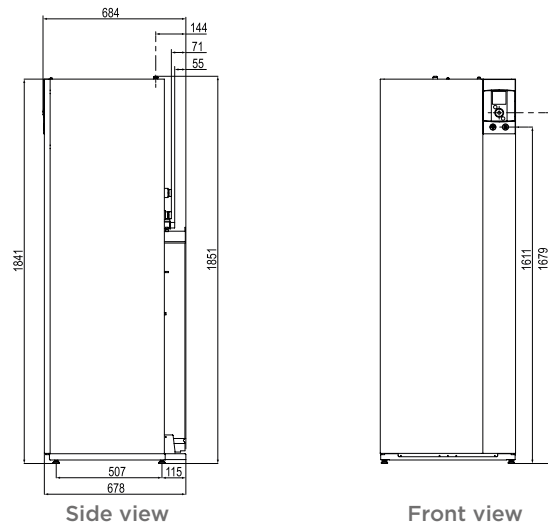
Outdoor Inverter Unit
Alfea Extensa Duo A.I 5,6 & 8 kW



Outdoor inverter unit
Alfea Extensa Duo A.I 10KW



Indoor hydraulic module



Technical specification

DESIGNATION	UNIT	ALFEA EXTENSA DUO A.I 5	ALFEA EXTENSA DUO A.I 6	ALFEA EXTENSA DUO A.I 8	ALFEA EXTENSA DUO A.I 10
Product code		AH526226	AH526227	AH526228	AH526229
REFRIGERANT		R410A	R410A	R410A	R410A
Heating capacity +7°C/+35°C – Floor Heating	kW	4.50	6.00	7.50	10.00
COP +7°C/+35°C – floor heating		4.52	4.26	4.08	4.02
Heating capacity -7°C/+35°C – floor heating	kW	4.10	4.60	5.70	7.40
COP -7°C/+35°C – floor heating		2.79	2.64	2.56	2.49
Heating capacity +7°C/+45°C – low T°radiators	kW	4.50	5.10	6.20	8.27
COP +7°C/+45°C – low T°radiators		3.44	3.40	3.32	3.27
Heating capacity -7°C/+45°C – low T°radiators	kW	4.10	4.45	5.05	7.40
COP -7°C/+45°C – low T°radiator		2.20	2.18	2.04	2.00
Heating capacity +7°C/+55°C – radiators	kW	4.50	4.50	5.00	7.00
COP +7°C/+55°C – radiators		2.51	2.51	2.58	2.45
Heating capacity -7°C/+55°C – radiators	kW	3.70	3.85	5.20	7.00
COP -7°C/+55°C – radiators		1.68	1.65	1.56	1.69
ErP Electric back-up heater (standard)	kW	3	3	3	3
ENERGY EFFICIENCY & ACOUSTIC CHARACTERISTICS WITH OUTDOOR SENSOR					
Energy class – heating (35°C/55°C)	-	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Thermal power (35°C/55°C)	kW	4 / 4	5 / 5	7 / 6	8 / 8
Seasonal energy efficiency – heating (35°C/55°C)	%	171 / 117	171 / 117	158 / 120	157 / 115
Annual energy consumption – heating (35°C/55°C)	kWh	2160 / 3027	2510 / 3183	3379 / 3891	4430 / 5422
Sound power level (indoor/outdoor)	dB(A)	46 / 63	46 / 63	46 / 69	46 / 69
Declared load profile – DHW	-	L	L	L	L
Energy class – DHW	-	A+	A+	A+	A+
Annual energy consumption – DHW	kWh	880	880	880	880
Seasonal energy efficiency (%) – DHW	%	120	120	120	120
INDOOR HYDRAULIC MODULE					
Noise level*	dB(A)	39	39	39	39
Dimensions h x w x d	mm	1850x650x698	1850x650x698	1850x650x698	1850x650x698
Net weight/filled weight	kg	152 / 370	152 / 370	152 / 370	152 / 370
Power supply		230V / 50Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz
OUTDOOR UNIT					
Noise level**	dB(A)	41	41	47	47
Dimensions h x w x d	mm	620x790x290	620x790x290	620x790x290	620x790x290
Operating weight	kg	41	41	42	60
REFRIGERANT CHARACTERISTICS					
Min./max. length	m	5 / 30	5 / 30	5 / 30	5 / 30
Max. diff. in height	m	15	15	15	15
R410 A factory load	g	1100	1100	1400	1800
Amount of fluid expressed in CO ₂ equivalent	t	2	2	3	4

*Acoustic pressure at 1m from heat pump, 1.5m height, open field, directivity 2.
**Acoustic pressure at 5m from heat pump, 1.5m height, open field, directivity 2.

Alfea Excellia

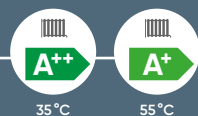
Split air-to-water heat pump that provides a high temperature solution for all projects.

**8* YEAR
WARRANTY**



Description

- Suitable for new build and renovation
- 2 models: 11 and 14 kW – single-phase
- 3 models: 11, 14 and 16kW – three-phase
- Heating only
- Performing heat pump working with outside temperature from -25°C to +35°C
- Working temperature of 60°C, up to -20°C outside temperature



Alfea Excellia A.I is an all-round high temperature solution in the Alfea A.I range. Very easily adaptable and with high performance, its design and range of accessories make it a benchmark in the heating sector and an ideal option for heat pump renovation projects.



Available options

- 2nd circuit kit (plug-and-play kit)
- Cooling kit
- Separated hot water tank
- Electrical relay to upgrade to 6kW back-up (Three phase models supplied with 9kW back-up as standard)
- Boiler connection kit
- Intelligent room temperature controller

Supplies

OUTDOOR INVERTER UNIT

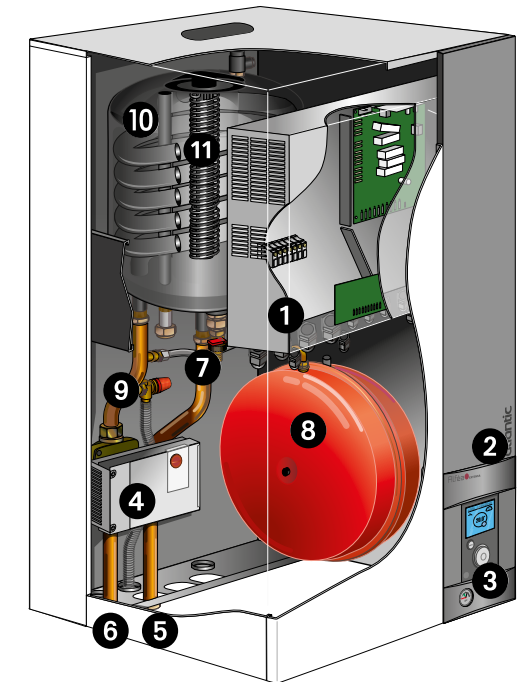
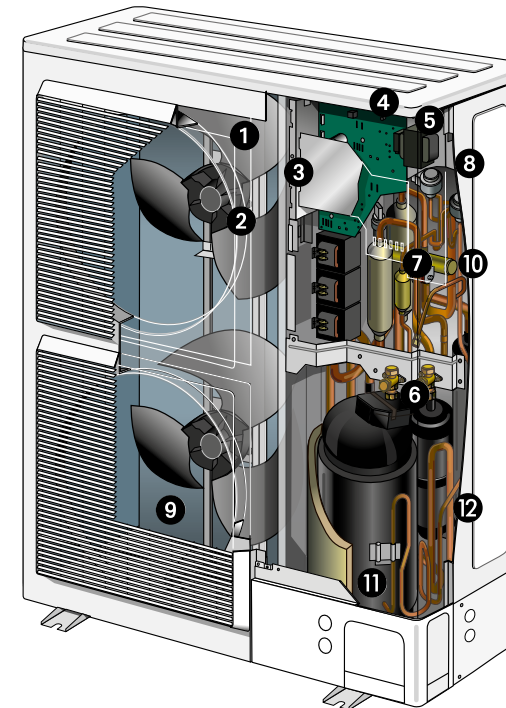
- Refrigerant circuit uses liquid reinjection technology during compression phase (R410A)
- Twin rotary compressor
- Double fan

INDOOR HYDRAULIC MODULE

- Coaxial exchanger immersed in buffer tank
- Low consumption circulation pump
- Expansion vessel, valve, etc.
- Electric panel and terminal blocks.

Key features

- COP : up to 4.3 (+7°C / +35°C)
- Compatible with all kinds of low temperature transmitters (underfloor heating/cooling, fan coil)
- Intuitive control and simplified use
- Navistem 400S regulator
- 3kW Electrical back-up integrated (9kW three phase models)
- Perfect solution for high heating demand
- 16L buffer tank integrated
- Patented coaxial heat exchanger
- Inverter regulation
- Possibility to manage an electric radiator heating zone from the heat pump control panel (optional)



Outdoor inverter unit

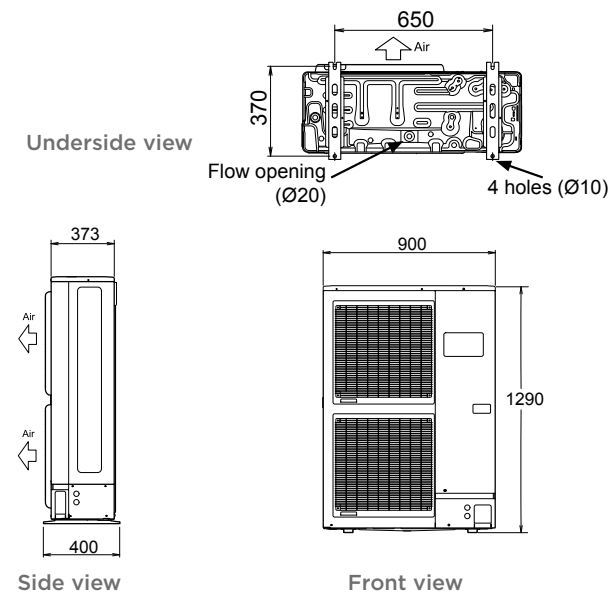
- 1 Low-noise, high-output coil
- 2 Electric variable speed "Inverter" motor
- 3 "Inverter" control module
- 4 Control lights and buttons
- 5 Connection terminal blocks (power supply and interconnection)
- 6 Refrigerant accumulator bottle
- 7 Cycle reversing valve
- 8 Anti-corrosion treated metal cover
- 9 High performance exchange surface evaporator; anti-corrosion treated hydrophilic aluminium fins and grooved copper tubes
- 10 Electronic expansion valve
- 11 Noise and temperature insulated "Inverter" compressor
- 12 Refrigerating connection valves (flared connectors) with protective cover

Indoor hydraulic module

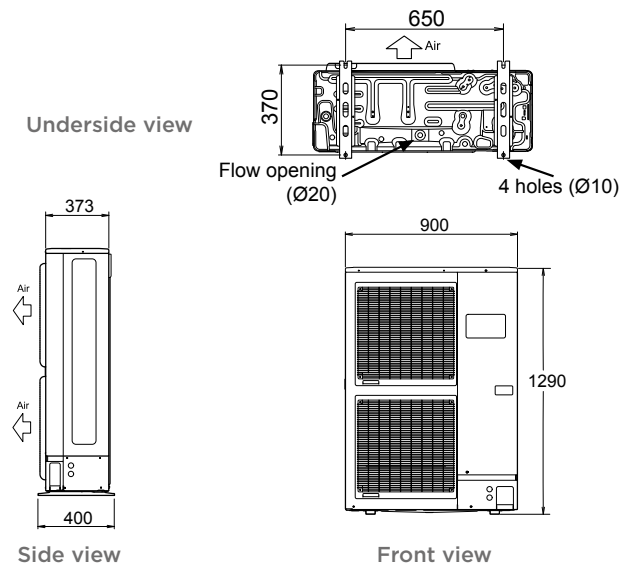
- 1 Electric board
- 2 User interface/regulator
- 3 Pressure gauge
- 4 Low consumption circulation pump
- 5 Heating flow
- 6 Heating return
- 7 Refrigerant connections
- 8 Expansion vessel
- 9 Safety valve
- 10 Coaxial heat exchanger
- 11 Electrical back-up

Clearances & dimensions

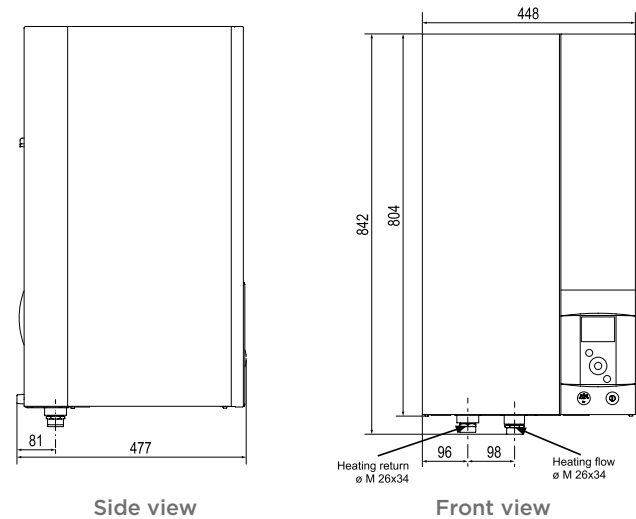
Outdoor Inverter unit Alfea Excellia A.I 11kW & 14kW single-phase



Outdoor Inverter unit Alfea Excellia A.I 11kW, 14kW & 16kW three-phase



Indoor hydraulic module



Technical specification

DESIGNATION	UNIT	ALFEA EXCELLIA A.I 11	ALFEA EXCELLIA A.I 14	ALFEA EXCELLIA A.I TRI 11	ALFEA EXCELLIA A.I TRI 14	ALFEA EXCELLIA A.I TRI 16
Product code		AH526350	AH526351	AH526352	AH526353	AH526354
REFRIGERANT		R410A	R410A	R410A	R410A	R410A
Heating capacity +7°C/+35°C – floor heating	kW	10.80	13.50	10.80	13.00	15.17
COP +7°C/+35°C – floor heating		4.25	4.18	4.30	4.18	4.10
Heating capacity -7°C/+35°C – floor heating	kW	10.38	11.54	10.38	12.20	12.98
COP -7°C/+35°C – floor heating		2.40	2.27	2.43	2.38	2.40
Heating capacity +7°C/+45°C – low T°radiators	kW	9.05	11.32	9.90	12.10	12.75
COP +7°C/+45°C – low T°radiators		3.21	3.07	3.32	3.20	3.21
Heating capacity -7°C/+45°C – low T°radiators	kW	9.16	11.41	9.98	10.70	12.95
COP -7°C/+45°C – low T°radiator		2.00	1.93	2.16	2.08	2.03
Heating capacity +7°C/+55°C – radiators	kW	7.59	9.48	9.29	10.60	12.71
COP +7°C/+55°C – radiators		2.47	2.40	2.64	2.41	2.52
Heating capacity -7°C/+55°C – radiators	kW	7.57	9.20	9.27	10.10	12.00
COP -7°C/+55°C – radiators		1.66	1.81	1.82	1.79	1.74
Heating capacity +7°C / +60°C – radiators	kW	7.05	8.81	9.25	11.50	12.49
Heating capacity -7°C / +60°C – radiators	kW	6.71	8.42	8.48	10.10	10.90
Electric back-up heater (standard)	kW	3	3	9	9	9
ENERGY EFFICIENCY & ACOUSTIC CHARACTERISTICS WITH OUTDOOR SENSOR						
Energy class - heating (35°C/55°C)	-	A++ / A+	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Rated heat output (35°C/55°C)	kW	11 / 9	13 / 11	11 / 9	13 / 11	14 / 13
Seasonal energy efficiency - heating (35°C/55°C)	%	153 / 111	150 / 115	156 / 114	152 / 119	151 / 119
Annual energy consumption - heating (35°C/55°C)	kWh	6062 / 6842	6824 / 8041	5930 / 6669	6738 / 7803	7408 / 9062
Sound power level (indoor/outdoor)	dB(A)	46 / 69	46 / 70	46 / 68	46 / 69	46 / 70
INDOOR HYDRAULIC MODULE						
Noise level*	dB(A)	39	39	39	39	39
Dimensions h x w x d	mm	800x450x480	800x450x480	800x450x480	800x450x480	800x450x480
Net weight/filled weight	kg	42 / 58	42 / 58	42 / 58	42 / 58	42 / 58
Power supply		230 V / 50 Hz	230 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
OUTDOOR UNIT						
Noise level**	dB (A)	47	48	46	47	48
Dimensions h x w x d	mm	1290x900x400	1290x900x400	1290x900x400	1290x900x400	1290x900x400
Operating weight	kg	92	92	99	99	99
REFRIGERANT CHARACTERISTICS						
Min./max. length	m	5 / 20	5 / 20	5 / 20	5 / 20	5 / 20
Max. diff. in height	m	15	15	15	15	15

*Acoustic pressure at 1m from heat pump, 1.5m height, open field, directivity 2.
**Acoustic pressure at 5m from heat pump, 1.5m height, open field, directivity 2.

Alfea Excellia Duo

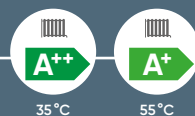
Split air-to-water heat pump provides a high temperature solution (heating & DHW) for all projects.

**8* YEAR
WARRANTY**



Description

- Suitable for new build and renovation
- 2 models: 11 and 14 kW – single-phase
- 3 models: 11, 14 and 16 kW – three-phase
- Heating and DHW integrated
- Performing heat pump working with outside temperature from -25°C to +35°C
- Working temperature of 60°C, up to -20°C outside temperature



Alfea Excellia Duo A.I is an easily adaptable high performance heat pump with integrated domestic hot water production (190 litre storage tank included). Its design and range of accessories make it an ideal option for heat pump renovation projects.



Available options

- 2nd circuit kit (plug-and-play kit)
- Cooling kit
- Hydraulic kit for top connections
- Electrical relay to upgrade to 6kW back-up (Three phase models supplied with 9kW back-up as standard)
- Boiler connection kit
- Intelligent room temperature controller

Supplies

OUTDOOR INVERTER UNIT

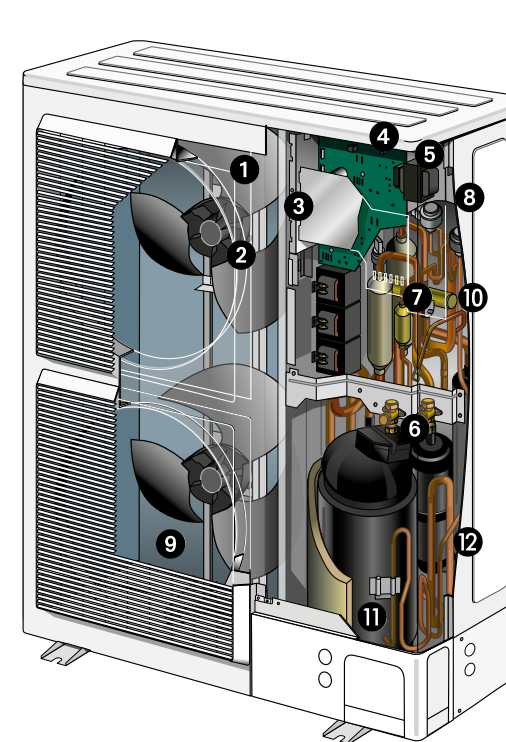
- Refrigerant circuit with liquid reinjection technology during compression phase (R410A)
- Double fan
- Full Inverter control

INDOOR HYDRAULIC MODULE

- DHW storage tank integrated (190L) with ACI protection
- Coaxial exchanger immersed in buffer tank
- Low consumption circulation pump
- Expansion vessel, pressure meter, etc.
- Outdoor sensor

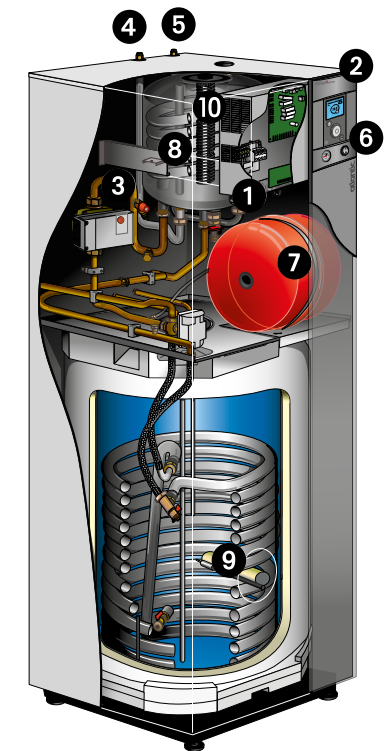
Key features

- DHW storage tank included (190L)
- COP : up to 4.3 (+7°C / +35°C)
- Compatible with all kinds of low temperature transmitters (underfloor heating/cooling, fan coil)
- Intuitive control and simplified use
- Navistem 400S regulator
- 3kW Electrical back-up integrated (9kW three phase models)
- Perfect solution for high heating demand
- 16L buffer tank integrated
- Patented coaxial heat exchanger
- Inverter regulation
- Possibility to manage an electric radiator heating zone from the heat pump control panel (optional)



Outdoor inverter unit

- 1 Low-noise, high-output coil
- 2 Electric variable speed "Inverter" motor
- 3 "Inverter" control module
- 4 Control lights and buttons
- 5 Connection terminal blocks (power supply and interconnection)
- 6 Refrigerant accumulator bottle
- 7 Cycle reversing valve
- 8 Anti-corrosion treated metal cover
- 9 High performance exchange surface evaporator; anti-corrosion treated hydrophilic aluminium fins and grooved copper tubes
- 10 Electronic expansion valve
- 11 Noise and temperature insulated "Inverter" compressor
- 12 Refrigerating connection valves (flared connectors) with protective cover



Indoor hydraulic module

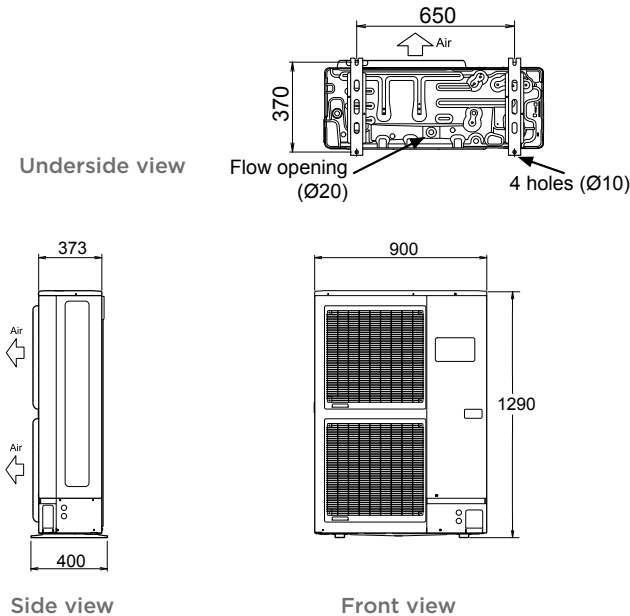
- 1 Electric board
- 2 User interface/regulator
- 3 Low consumption circulation pump
- 4 "Gas" refrigeration connection
- 5 "Liquid" refrigeration connection
- 6 Pressure gauge
- 7 Expansion vessel
- 8 Coaxial heat exchanger
- 9 DHW electric back-ups
- 10 Electrical back-up

Alfea Excellia Duo

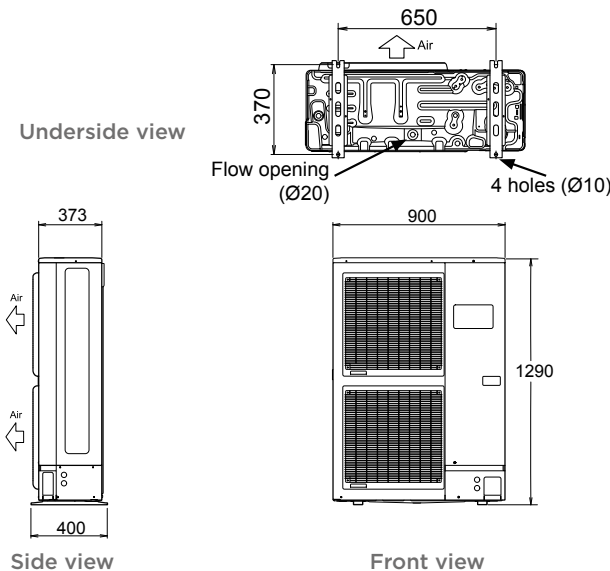
Split air-to-water heat pump provides a high temperature solution (heating & DHW) for all projects.

Clearances & dimensions

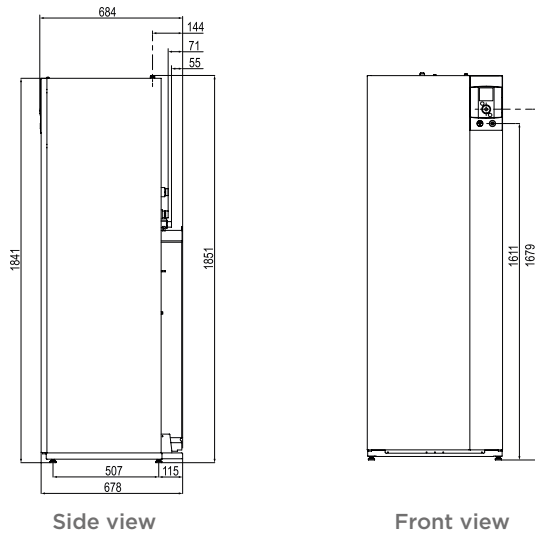
Outdoor Inverter unit Alfea Excellia Duo
A.I 11kW & 14kW single-phase



Outdoor Inverter unit Alfea Excellia Duo
A.I 11kW, 14kW & 16kW three-phase



Indoor hydraulic module



Technical specification

DESIGNATION	UNIT	ALFEA EXCELLIA DUO A.I 11	ALFEA EXCELLIA DUO A.I 14	ALFEA EXCELLIA DUO A.I TRI 11	ALFEA EXCELLIA DUO A.I TRI 14	ALFEA EXCELLIA DUO A.I TRI 16
Product code		AH526355	AH526356	AH526357	AH526358	AH526359
REFRIGERANT		R410A	R410A	R410A	R410A	R410A
Heating capacity +7°C/+35°C – floor heating	kW	10.80	13.50	10.80	13.00	15.17
Heating capacity +7°C/+35°C – floor heating		4.25	4.18	4.30	4.18	4.10
Heating capacity -7°C/+35°C – floor heating	kW	10.38	11.54	10.38	12.20	12.98
COP -7°C/+35°C – floor heating		2.40	2.27	2.43	2.38	2.40
Heating capacity +7°C/+45°C – low T°radiators	kW	9.05	11.32	9.90	12.10	12.75
COP +7°C/+45°C – low T°radiators		3.21	3.07	3.32	3.20	3.21
Heating capacity -7°C/+45°C – low T°radiators	kW	9.16	11.41	9.98	10.70	12.95
COP -7°C/+45°C – low T°radiator		2.00	1.93	2.16	2.08	2.03
Heating capacity +7°C/+55°C – radiators	kW	7.59	9.48	9.29	10.60	12.71
COP +7°C/+55°C – radiators		2.47	2.40	2.64	2.41	2.52
Heating capacity -7°C/+55°C – radiators	kW	7.57	9.20	9.27	10.10	12.00
COP -7°C/+55°C – radiators	kW	1.66	1.81	1.82	1.79	1.74
Heating capacity +7°C / +60°C – radiators	kW	7.05	8.81	9.25	11.50	12.49
Input power -7°C / +60°C – radiators		6.71	8.42	8.48	10.10	10.90
Electric back-up heater (standard)	kW	3	3	9	9	9

ENERGY EFFICIENCY & ACOUSTIC CHARACTERISTICS WITH OUTDOOR SENSOR						
Energy class – heating (35°C/55°C)	-	A++ / A+	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Rated heat output (35°C/55°C)	kW	11 / 9	13 / 11	11 / 9	13 / 11	14 / 13
Seasonal energy efficiency – heating (35°C/55°C)	%	153 / 111	150 / 115	156 / 114	152 / 119	151 / 119
Annual energy consumption – heating (35°C/55°C)	kWh	6062 / 6842	6824 / 8041	5930 / 6669	6738 / 7803	7408 / 9062
Sound power level (indoor/outdoor)	dB(A)	46 / 69	46 / 70	46 / 68	46 / 69	46 / 70
Declared load profile – DHW	-	L	L	L	L	L
Energy class – DHW	-	A	A	A	A	A
Annual water heating energy consumption	kWh	1166	1166	1166	1166	1166
Seasonal water heating energy efficiency (%)	%	88	88	88	88	88

INDOOR HYDRAULIC MODULE						
Noise level*	dB(A)	39	39	39	39	39
Dimensions h x w x d	mm	1850x650x698	1850x650x698	1850x650x698	1850x650x698	1850x650x698
Net weight/filled weight	kg	152 / 370	152 / 370	152 / 370	152 / 370	152 / 370
Power supply		230 V / 50 Hz	230 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz

OUTDOOR UNIT						
Noise level**	dB(A)	47	48	46	47	48
Dimensions h x w x d	mm	1290x970x400	1290x970x400	1290x900x400	1290x900x400	1290x900x400
Operating weight	kg	92	92	99	99	99

REFRIGERANT CHARACTERISTICS						
Min./max. length	m	5 / 20	5 / 20	5 / 20	5 / 20	5 / 20
Max. diff. in height	m	15	15	15	15	15
R410 A factory load	g	2500	2500	2500	2500	2500
Amount of fluid expressed in CO ₂ equivalent	t	5	5	5	5	5

*Acoustic pressure at 1m from heat pump, 1.5m height, open field, directivity 2.
**Acoustic pressure at 5m from heat pump, 1.5m height, open field, directivity 2.

EXPLORER HEAT PUMP WATER HEATER



The Explorer heat pump water heater is an efficient and cost effective solution that provides hot water by using the clean energy contained in ambient air.



**5* YEAR
WARRANTY**

Explorer uses the operational principle of a heat pump, by absorbing calories in the outdoor air and using it to provide water heating.

With no requirement for an outdoor unit the Explorer is a silent heat-pump water heater that comes equipped with ACI hybrid anti-corrosive protection to ensure optimum energy savings.

Compatible with four different types of energy and the option to be remotely controlled from your smartphone, ensures cost effective hot water for the whole family

Explorer

Heat pump water heater

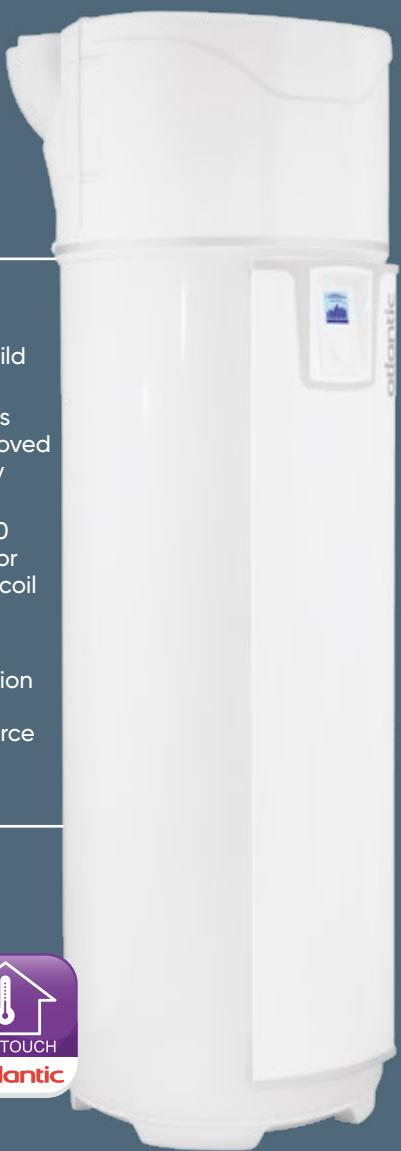
5* YEAR WARRANTY

Description

- Suitable for new build and renovation
- Smart control learns user habits for improved comfort and energy savings
- 4 models: 200 & 270 litre capacity with or without an internal coil
- Compatible with photovoltaic (PV)
- Smart energy function selects the most efficient energy source



LOW TEMPERATURE 55°C



Key features

- 70% energy savings with COP of up to 3.8
- ACI hybrid anti-corrosion technology
- Wireless remote control
- Easy to install with adjustable air inlet/outlet
- Atlantic technologies: Diamond-quality enamel and Steatite technology
- Compatible with solar (photovoltaic or solar panel) and boiler systems (built-in coil)
- Large optimised coil for fast heating and a size adapted for low temperature devices
- A circulation connection to provide comfort on all point-of-use
- Adjustable feet
- Can lay on 1 side for easy transport



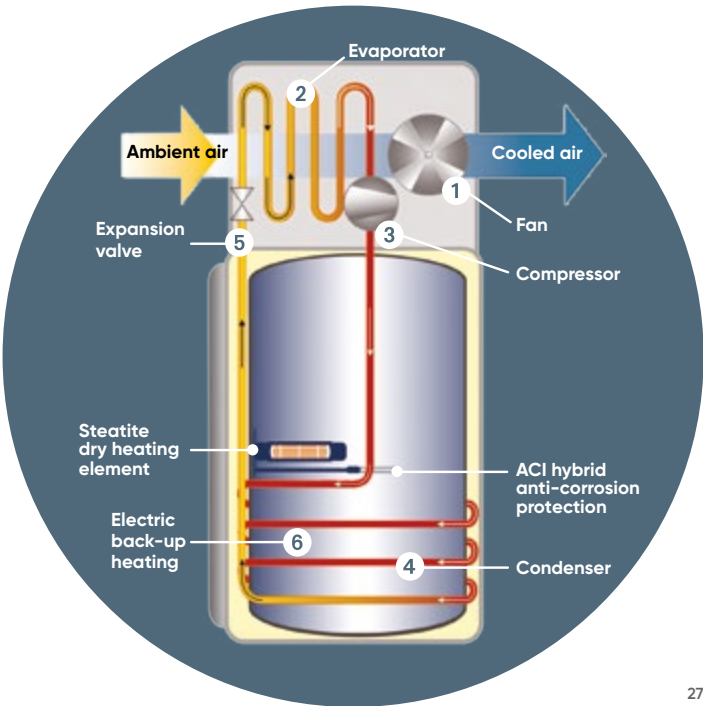
Technical specification

SPECIFICATIONS	CAPACITY (L)			
	200 without coil	200 with coil	270 without coil	270 with coil
Product code	AH886068	AH886070	AH886069	AH886071
Dimensions (mm)	1609 x 620 x 665		1949 x 620 x 665	
Net weight without coil (kg)	-	85	-	93
Net weight with coil (kg)	100	-	108	-
Tank capacity (L)	200		270	
Electric back-up volume (L)	110		130	
Rated water pressure (bars)	8			
Electrical connection (V/Hz)	230 V~/50 Hz			
Maximum total power consumed by the device (W)	2 465			
Maximum power consumed by the heat pump (W)	665			
Power consumed by electric heating (W)	1800			
Water temperature range by heat pump (°C)	50 to 62°C			
Heat pump temperature range of use (°C)	-5 to 43°C			
Refrigerant fluid R 134A (kg)	1.25		1.35	
Vacuum air flow (ambient installation) (m³/h)	390			
COP at 20°C* (ambient)	4.1		4.3	
COP at 7°C* (ambient)	2.79 (L profil)		2.84 (XL profil)	
Acoustic pressure at 2m (dB(A))	37			
Acoustic power (dB(A))	57			
Heating time from 15 to 51°C (ambient installation 15°C air) (H)	4h48		7h32	
Coil power (kW) primary 60°C 1000 / 1500 / 2000 L/H (kW)	15.5 / 16 / 16.4			
Coil surface (m²)	1.2			
Recirculation connection	Available for models with coil			
ERP Energy class	A+			



How does it work?

The fan **1** inhales ambient air transferring its energy to the refrigerant agent in the evaporator **2** thus changing from liquid to gas. The gas is further heated by compression **3**. In the condenser **4** the gas transfers its accumulated heat to the water tank. As it gets colder it transforms back to fluid. The pressure of the fluid is further reduced by the expansion valve **5**. The electric back-up heating **6** starts only when required during insufficient heat pump working conditions.



Alfea A.I Range Accessories

Navilink A59



- Room temperature display
- Radio communication
- Single product allows wired or wireless installation
- Simple activation for holiday mode

Boiler Connection



- Allows the connection of a gas or oil boiler to the Heat Pump
- Compatible with range of 2nd zone kits
- Provides system flexibility to cover all installations

2 Zone Kit (Single Service & Duo Unit)



- Compact 2nd zone kit for single service heat pump
- 2nd zone kit than can be fitted integral to the Duo heat pump
- Integrated low consumption circulation pump and mixer valve
- Compatible with underfloor heating, radiators and fan coils

Buffer Tank



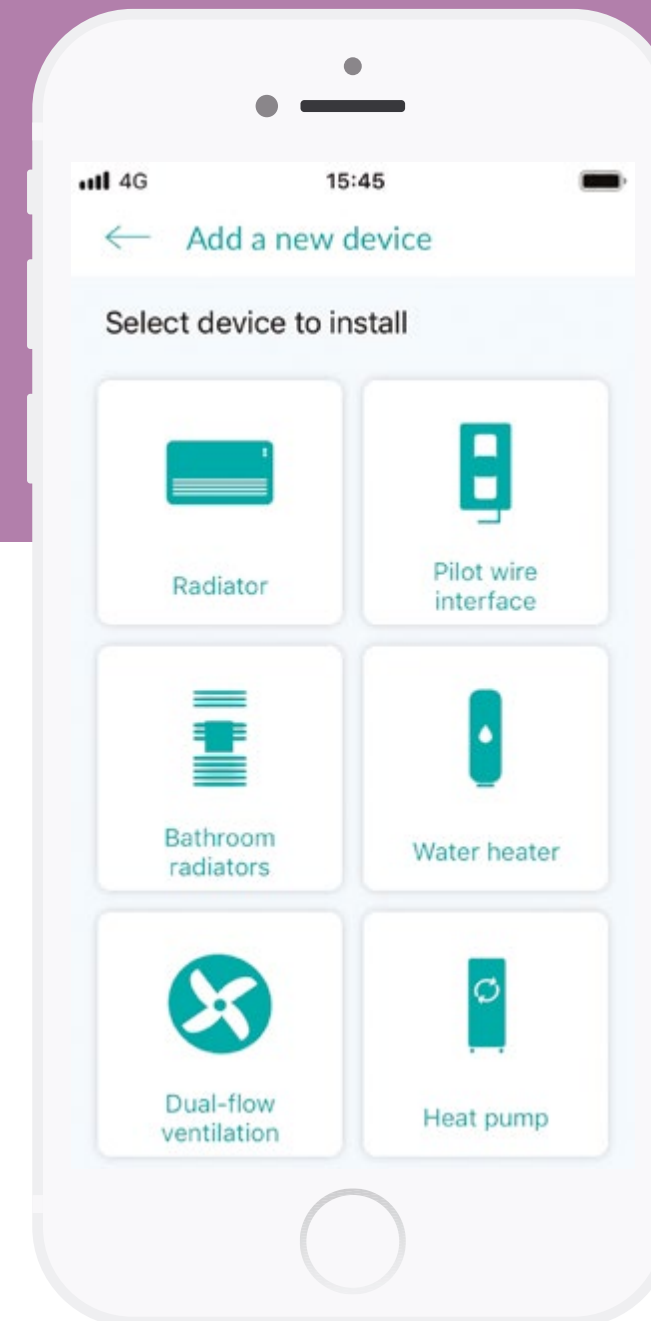
- Compact and versatile buffer tank option
- Wall hung installation in either vertical or horizontal position
- Available in 25 & 50 litre capacities

Accessories for outdoor unit



COZYTOUCH

APP AVAILABLE
TO DOWNLOAD
FOR FREE!



Cozytouch allows you to control your heating and hot water wirelessly from your phone*. Track your daily energy consumption, adjust the heating program and temperature ready for when you arrive home.

Here are just a few of the features of the Cozytouch smart app:



Real time monitoring



Daily energy management



Energy consumption breakdown



Control individual or multiple Atlantic products



Synchronize temperatures



Personalised tariffs



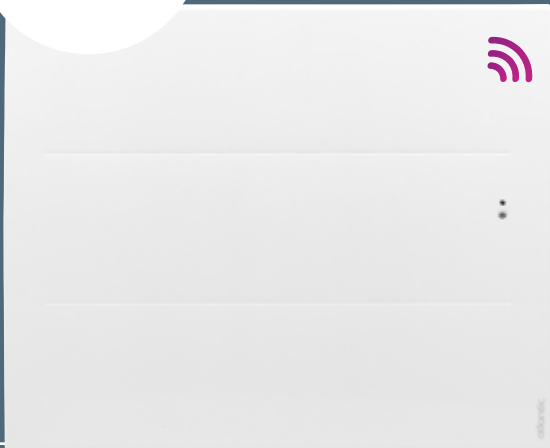


Take control
of your heating

Oniris

Electric radiator

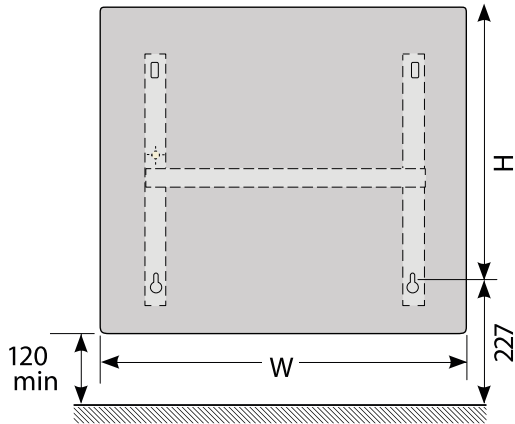
2 YEAR
WARRANTY



Key features

- In built smart control function tracks the user's requirements and room occupancy, adapting heating to comfort or eco mode accordingly (AUTO mode)
- Presence / absence detection feature – will automatically reduce heat if room is empty
- Open window detection – Oniris will switch to minimum heating if a window is opened
- Built in programming – three pre-set programmes per day modifiable by the user
- Pairing function with compatible heaters
- Electronic thermostat accurate to $\pm 0.1^{\circ}\text{C}$
- 45% of radiant heating, faster warm up
- Silent operation
- Consumption indicator for supreme energy efficiency
- Aluminium heating element with additional heating film
- Six command pilot wire for use with an external programmer
- Fitted via a H-shaped vertical support
- Colour shade: white (RAL 9016)
- IP 24 rated / CE marked

The Oniris is a very stylish digital electrical panel heater featuring a modern aluminium surface and heating element for warmth with style. Complete with occupancy detection which automatically reduces heat if the room is empty and an open window detection feature that will switch the heater to a minimum output.



Oniris technical data

OUTPUT (W)	DEPTH (MM)	WIDTH (MM)	HEIGHT (MM)	WEIGHT (KG)	MODEL
750	110	613	615	10.8	AH503907
1000	110	761	615	13	AH503910
1250	110	909	615	15.4	AH503912
1500	110	1058	615	18	AH503915
2000	110	1205	615	20.4	AH503920

Galapagos

Electric thermofluid radiator

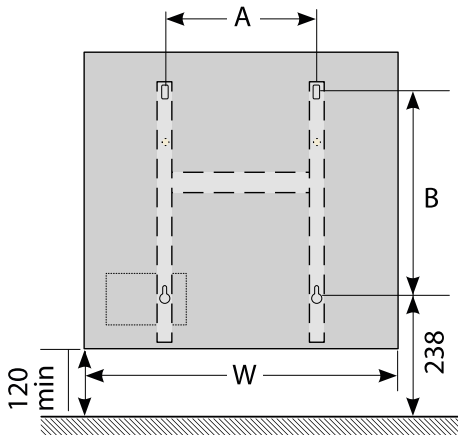
2 YEAR
WARRANTY



Key features

- In built smart control function tracks the user's requirements and room occupancy, adapting heating to comfort or eco mode accordingly (AUTO mode)
- Open / closed window detection switches heater to minimum when window is opened
- Three pre-set programmes modifiable by the homeowner
- Communication pairing to up to 10 devices
- Thermofluid technology – heating element immersed in a heat transmitting fluid
- Aluminium front panel with a stylish, curved design
- Double insulation and over-temperature safety device
- ASP (anti-dust) technology
- Colour shade: white (RAL 9016)
- IP 24 rated / CE marked

The Galapagos is a stylish, electric, fluid-filled radiator that distributes uniform heat from its entire surface using thermofluid technology. AUTO mode is an in-built smart control function that tracks the user's needs and room occupancy and adapts heating to comfort or eco mode accordingly. It also features open/closed window detection that switches the heater to a minimum output when a window is opened.



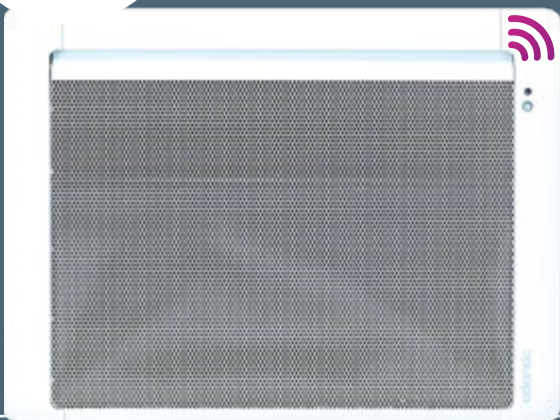
Galapagos technical data

OUTPUT (W)	DEPTH (MM)	WIDTH (MM)	HEIGHT (MM)	WEIGHT (KG)	MODEL
750	130	670	615	12.4	AH503907
1000	130	770	615	14.4	AH500610
1250	130	970	615	18.4	AH500612
1500	130	1070	615	20.4	AH500615
2000	130	1205	1370	26.4	AH500620












Tatou digital

Radiant panel heater

2 YEAR
WARRANTY



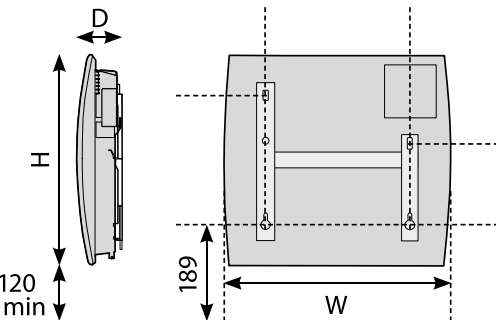
Key features

-  Smart control functions learning and adapting the energy consumption to the user's lifestyle
-  Window open/closed detection function switching to minimum heating function as soon as a window opens
-  Digital display unit and Electronic thermostat
-  Consumption indicator for responsible, informed use of the equipment
-  Up to 45% energy savings* thanks to integrated programming and presence detector
-  Extensive heat panel with sensors, black painted extruded aluminium heating element & digital display
-  6-command pilot wire: Comfort, Comfort- 1°C, Comfort - 2°C, Eco, Frost-free, Off
-  Easy to install: H-shaped vertical support, which can also be used as an installation template
-  ASP (Anti-Staining Process) to reduce staining on wall and on equipment
-  Standard and high versions to adapt to the customer's rooms
-  Colour shade: white (RAL 9016)

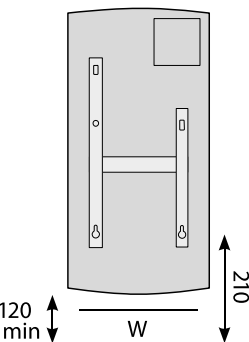
The Tatou Digital electric radiant panel heater has greater energy savings compared to a conventional electric heater from the in-built smart functionality which adapts energy consumption following the detection of temperature change including open and closed windows. Available in standard and high versions, Tatou Digital's super sleek design ensures it's not only functional but stylish too.



Tatou digital



Tatou vertical



Tatou technical data

OUTPUT (W)	DEPTH (MM)	WIDTH (MM)	HEIGHT (MM)	WEIGHT (KG)	MODEL
500	120	465	470	4.3	AH566205
750	120	540	470	4.9	AH566207
1000	120	615	470	5.5	AH566210
1250	120	765	470	6.2	AH566212
1500	120	1060	470	10	AH566215
2000	120	1060	470	10	AH566220

Tatou digital high technical data

OUTPUT (W)	DEPTH (MM)	WIDTH (MM)	HEIGHT (MM)	WEIGHT (KG)	MODEL
1000	135	470	775	7.2	AH666410
1500	135	470	995	9.3	AH666415
2000	135	470	1220	11.3	AH666420

Accessio

Electric thermofluid radiator

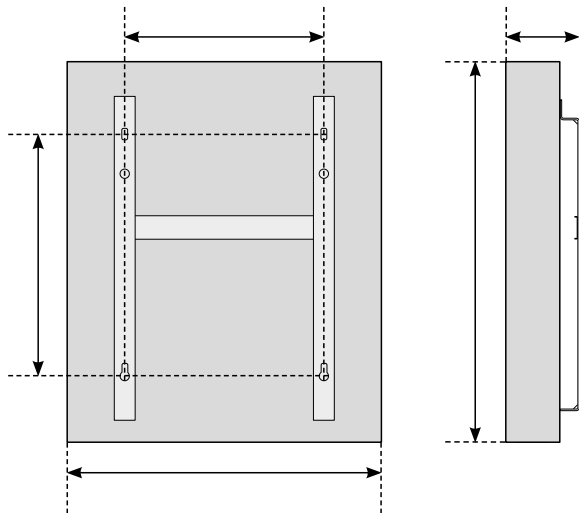
2 YEAR
WARRANTY



Key features

- Radiator fitted with user-friendly digital controls driving energy savings
- 6-command pilot wire: Comfort, Comfort -1°C, Comfort -2°C, Eco, Frost-free, Off
- 2 modes: Manual/Prog 24hour 7 day timer
- Thermofluid technology providing homogeneous & long-lasting heat, and no dry air
- ASP (Anti-Staining Process) to reduce staining on wall and on equipment
- High-quality electronic thermostat
- Up to 25% energy savings* through finest digital control and programming
- Easy to install: H-shaped vertical support
- Colour shade: white (RAL 9016)

The Accessio is an easy to use electric fluid filled radiator which delivers homogeneous long lasting heat as a result of integral thermofluid technology. Not only that, user friendly digital controls and an electronic thermostat can help homeowners achieve energy savings of up to 25% versus conventional electric heating solutions.



Accessio technical data

OUTPUT (W)	DEPTH (MM)	WIDTH (MM)	HEIGHT (MM)	WEIGHT (KG)	MODEL
300	127	410	575	8.25	AH524903
500	127	410	575	8.25	AH524905
750	127	490	575	9.9	AH524907
1000	127	490	575	9.9	AH524910
1250	127	651	575	13.2	AH524912
1500	127	732	575	14.8	AH524915
2000	127	973	575	19.7	AH524920

*compared with a mechanical convector

F127

Electric panel convector

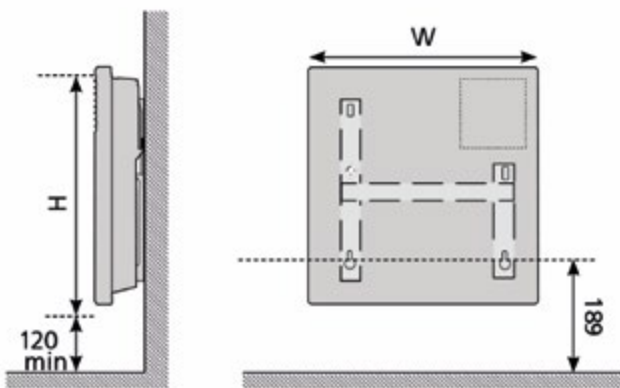
2 YEAR
WARRANTY



Key features

- 2 modes: Manual/Programmable 24 hour 7 day timer
- Open window detection
- High-precision electronic thermostat
- Ergonomic LCD digital controls
- Up to 25% energy savings*
- Sheathed heating element with an aluminium diffuser (safe, silent and long-lasting)
- Double insulated (requires no earth connection)
- Automatic over heat safety device
- Front air outlet wings
- Easy to install: H-shaped vertical support which can also be used as an installation template
- Cable exit right hand side
- Colour shade: white (RAL 9016)
- Class II and IP24 protection with dual electric insulation for ultimate safety

The F127 is an active heat convector with user-friendly controls that is suitable for all domestic applications. The F127 allows 24/7 programming according to your life rhythm for greater comfort and savings.



F127 technical data

OUTPUT (W)	DEPTH (MM)	WIDTH (MM)	HEIGHT (MM)	WEIGHT (KG)	MODEL
500	102	370	453	3.8	AH500101
750	102	380	453	3.8	AH500106
1000	102	447	453	4.2	AH500103
1250	102	517	453	4.4	AH500107
1500	102	590	453	5.5	AH500104
2000	102	740	453	6.8	AH500105

*compared with a mechanical convector