



ARISTON



# GENUS HE

WALL-HUNG HIGH EFFICIENCY  
GAS BOILERS



Stylish, efficient and interactive



# Advanced compact boiler that combines performance wi



## Home comfort with GENUS HE

- Elegant, stylish design
- Energy Saving Recommended - Band A
- 2 year guarantee
- Interactive digital display
- Seven day multi-operation timer
- High performance hot water flow rates give increased comfort
- Extensive range of controls to optimize boiler efficiency
- Compact, space saving

# th savings

## 2 Year Guarantee offers peace of mind

The GENUS HE is supplied with a 2 year guarantee as standard. This is backed up by Ariston's fully trained and extensive service network.

Combine this with the quality of the boiler and Ariston is confident you will find true peace of mind with a GENUS HE

## Intelligent comfort system automatically selects optimum energy efficiency



GENUS HE 24 Combi

*Which?*, the leading independent consumer champion in the UK, providing impartial, expert information on thousands of products and services, has awarded the GENUS 24 HE combi the 'Best Buy' in its September 2008 boiler review. The innovative combi boiler earned impressive scores in all categories, namely Performance, Ease of Use, Features and Safety, when compared with five other leading manufacturers.

The GENUS HE range of boilers incorporate Ariston's innovative AUTO function, which enables the boiler to operate more efficiently by intelligently choosing the correct temperature for the central heating system.

GENUS HE also features the informative digital display, keeping you advised of the boiler's operational status at all times.

# Easy installation hassle free servicing



## Designed with the installer in mind

The GENUS HE has been designed to help simplify boiler installation. The distance between the pipe work connections and flue has been reduced, allowing for a smaller fixing height.

The boiler also features a simplified connection kit which includes a filling loop as standard.

All components are easily accessible and require a minimal amount of tools for servicing and maintenance.

With its new digital display, the GENUS HE boiler offers a wealth of information for both the installer and the householder.

At the touch of a button it is possible to display the set operating temperatures of the central heating and domestic hot water, the controls connected to the appliance, the number of days to the next service and even the contact name and telephone number of the installer.

# Simple controls

In addition to the digital timer included in the display, there is an extensive selection of controls available for the GENUS HE range. The controls are available as both wired and wireless, allowing installation without the need for a qualified electrician.

These, in conjunction with the AUTO function, will enable the boiler to run at its most efficient in order to achieve the desired room temperature.



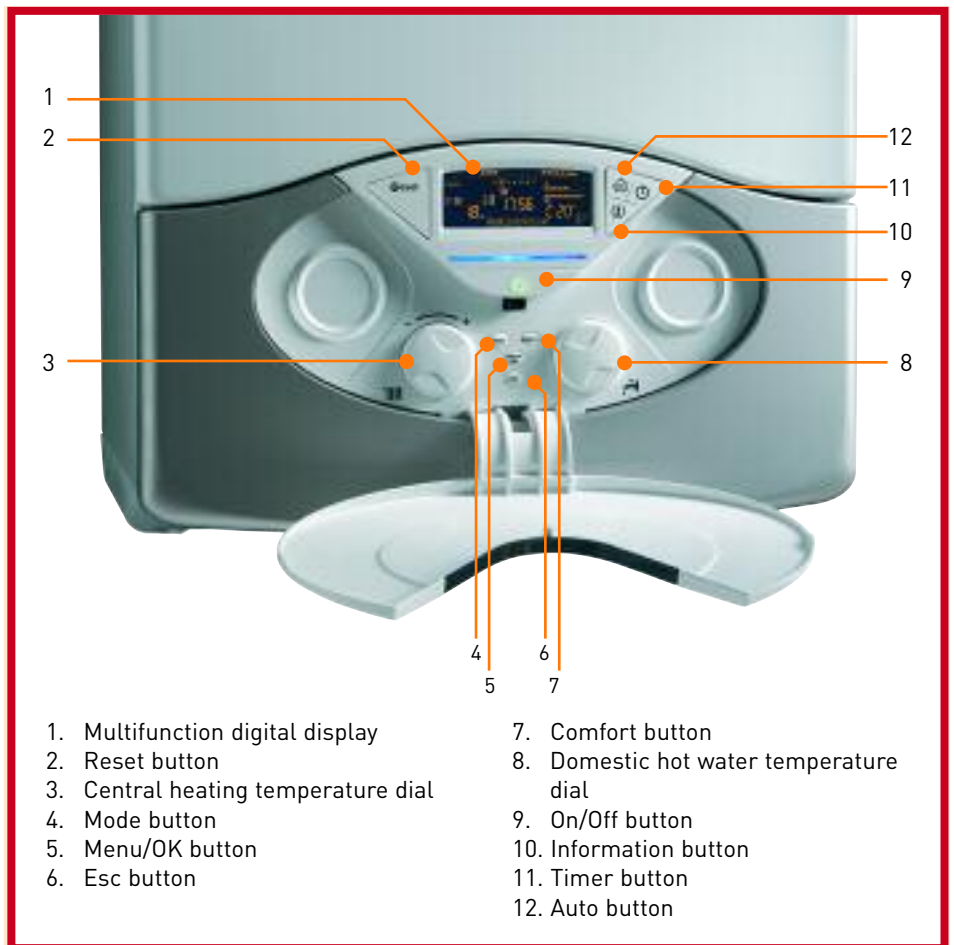
## 2 Zone Timer



# Installer benefits

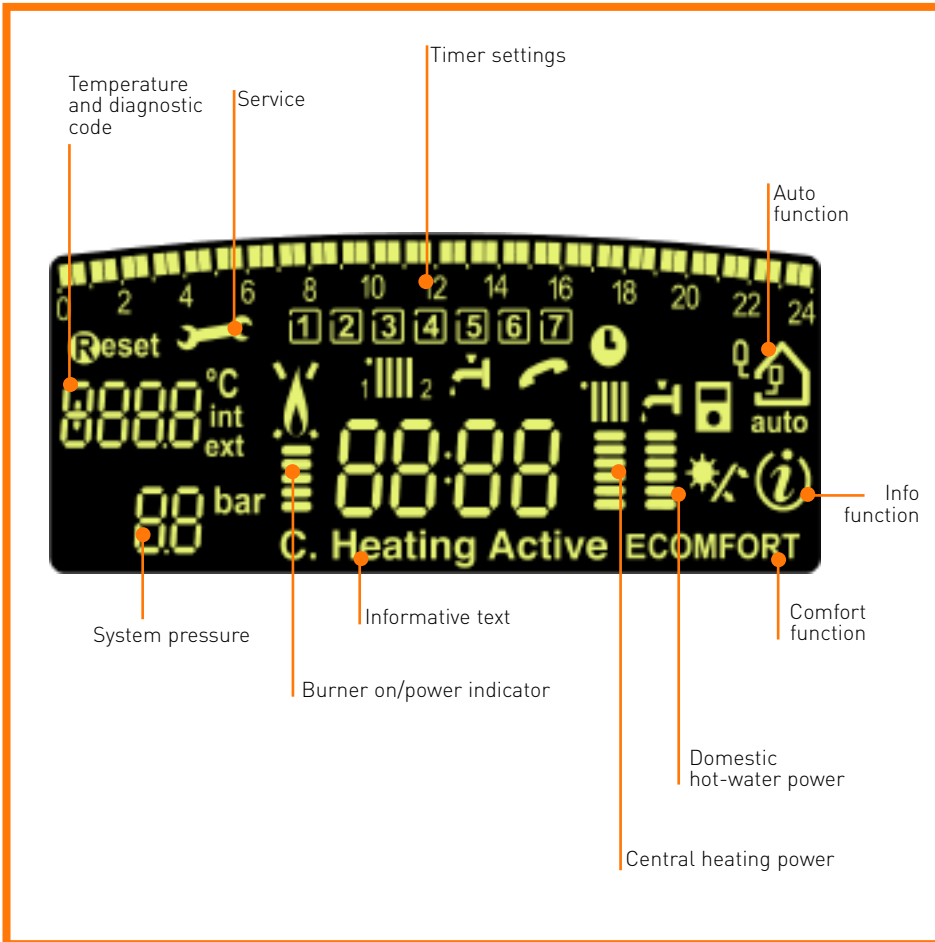
- SEDBUK Band A
- Filling loop supplied as standard
- Rear piping chassis available as an option
- Reduced fixing height between pipe work and flue
- Multiple flue options
- Easily accessible for servicing and maintenance
- Wide range of controls and installation accessories available
- 2 Zone timer included in the display

# The most advanced easy to use control panel



Control at your fingertips  
GENUS HE adapts to the  
householder's requirements

# Self-diagnostics



## Digital display

With its innovative digital display, the GENUS HE offers the maximum amount of information to the householder and service engineer whilst maintaining ease of use.

Also, with the scrolling text display, it's simplicity itself to understand the operational status of the boiler.



For the householder, the display shows comprehensive information about the boiler's operation, e.g. timer settings, the temperature both inside and outside, (where appropriate controls are fitted), when the next service is due and a service company's contact name and telephone number.

From the display, the installer can view the boiler's settings e.g. the central heating and hot water temperatures, hot water flow rate and also operational diagnostic messages. An annual service reminder, together with the installer's contact details, can be entered. As the service date approaches, by pressing the "Info" button, the installer's details are then displayed to the householder.

# Latest technology - The new AUTO function



All operations can  
be set using the  
control panel

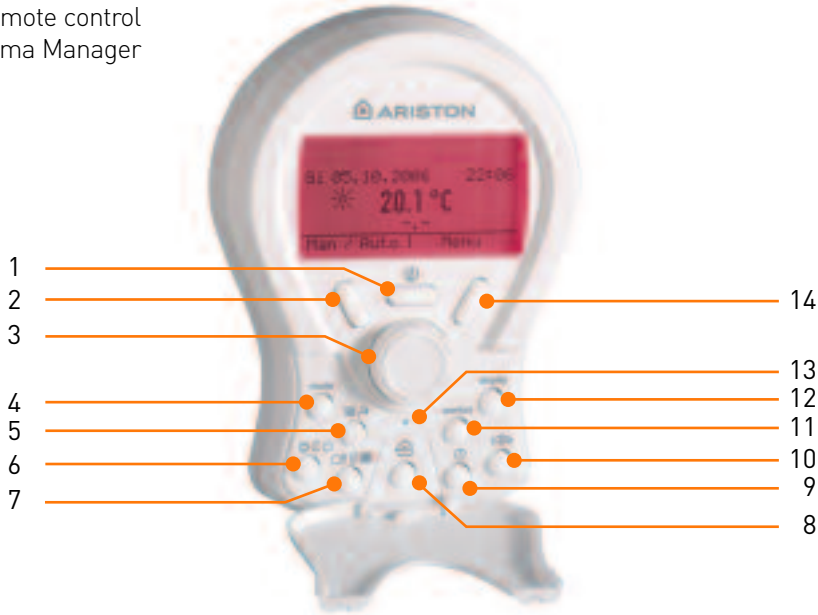
The new AUTO function ensures intelligent management of the room temperature whilst guaranteeing maximum energy efficiency and offering energy savings.

By pressing the AUTO button on the GENUS HE control panel, the boiler will automatically choose the ideal temperature for the central heating circuit by gradually increasing the temperature of the system water until the room reaches the set temperature, whilst guaranteeing no excessive peaks in the flow temperature.

When used in conjunction with the brand new range of controls, the AUTO function ensures greater levels of comfort and savings are achieved.

With the AUTO function activated and by fitting an outdoor sensor, together with the modulating room sensor, the highest level of efficiency can be achieved.

Remote control  
Clima Manager



- |  |                              |
|--|------------------------------|
| 1 Information button                           | 8 Auto function button       |
| 2 Auto/manual button                           | 9 Date/time set button       |
| 3 Multifunction button                         | 10 Language selection button |
| 4 Operation mode button                        | 11 Comfort button            |
| 5 Hot water and heating temperature set button | 12 Display-on button         |
| 6 Heating mode button                          | 13 Reset button              |
| 7 Special functions button                     | 14 Menu/enter button         |

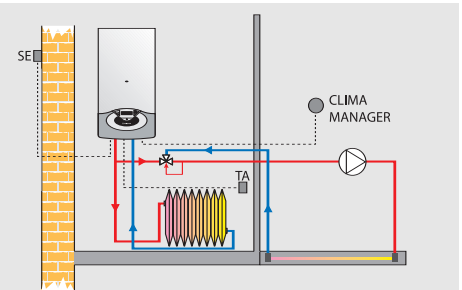
## Multi-functional digital interface

## New, intelligent functions

Ariston has introduced a brand new range of temperature controls for use with the GENUS HE range.

These are available either as hard wired or wireless, and include on-off room thermostats, modulating room sensors, outdoor sensors, programmable room thermostats.

The wireless controls allow for the fitting of the controls without the need for a qualified electrician.



### MULTI-ZONE SYSTEMS

The temperature can be controlled separately for 2 different areas. For example, one area with a floor installation (low temperature) controlled by the Clima Manager and another with a traditional radiator-type installation (high temperature) controlled by a room thermostat.

Modulating Room Sensor  
(wired/wireless)



Signal Receiver



Room Thermostat  
(wired)



Outdoor Sensor  
(wireless)



Outdoor Sensor  
(wired)



# GENUS HE COMBI

24 FF - 30 FF  
38 FF

WALL-HUNG HIGH EFFICIENCY  
GAS COMBINATION BOILERS

**2** FREE  
2 year  
guarantee



COMPACT  
DIMENSIONS



QUIET  
OPERATION



AUTO



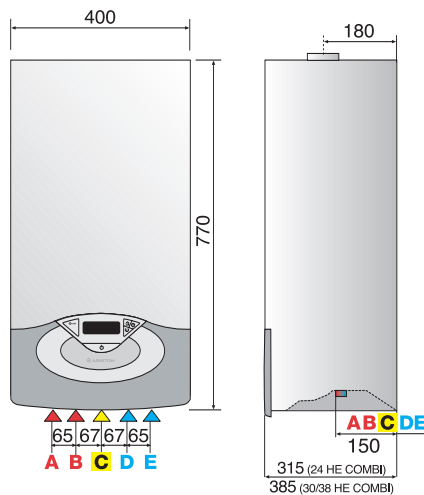
ENERGY  
EFFICIENT

- SEDBUK BAND A
- AVAILABLE IN THREE OUTPUTS
- HIGH HOT WATER FLOW RATES
- COMPREHENSIVE RANGE OF WIRED AND WIRELESS CONTROLS
- UNIQUE 'AUTO' FUNCTION OPTIMISES EFFICIENCY OF BOILER AND SYSTEM
- COMFORT SWITCH (PRE-HEAT HOT WATER FUNCTION)

- AUTO-DIAGNOSTIC SYSTEM
- SIMPLE MAINTENANCE WITH ACCESS FROM THE FRONT OF THE APPLIANCE
- ANTI-FROST AND ANTI-SCALE DEVICE
- BUILT-IN AUTOMATIC BY-PASS
- BUILT-IN SEVEN DAY DIGITAL TIME CLOCK
- INCLUDES CONNECTION KIT AND FILLING LOOP
- CLIP-ON CONNECTION KIT COVER AS STANDARD



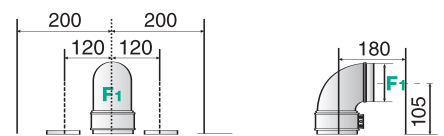
band *A*  
*comfort* function  
*energy* saving  
extra safe *IPX5D*



#### LEGEND

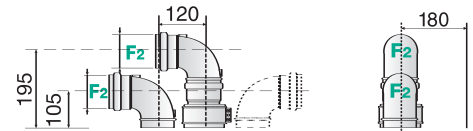
- A: Central heating flow 22mm compression
- B: Domestic hot water outlet 15mm compression
- C: Gas inlet 15mm compression
- D: Domestic hot water inlet 15mm compression
- E: Central heating return 22mm compression
- F: Flue (Ø mm)
- F1: 60/100 - 80/125
- F2: 80

#### Coaxial exhaust



Ø60/100: up to 12m (24kW)  
Ø80/125: up to 36m (24kW)

#### Twin pipe exhaust



Ø80/80: up to 72m (24kW)



GENUS HE 24 Combi

## Technical Information

		GENUS HE 24 FF	GENUS HE 30 FF	GENUS HE 38 FF
<b>EFFICIENCY</b>				
SEDBUK Rating	Band	A	A	A
SAP efficiency	%	90.3	90.3	90.1
<b>POWER &amp; PERFORMANCE</b>				
Heat input max.	kW - Btu/h	27.8 - 94,500	33.3 - 113,600	42.2 - 144,000
Heat input min.	kW - Btu/h	6.1 - 20,800	7.2 - 24,500	8.3 - 28,300
Heat output max. (C.H.)	kW - Btu/h	21.0 - 71,600	27.0 - 92,100	30.0 - 102,300
Heat output max. (D.H.W.)	kW - Btu/h	25.0 - 85,300	30.0 - 102,300	38.9 - 132,700
Heat output min.	kW - Btu/h	5.0 - 17,000	6.0 - 22,000	7.1 - 24,200
Central heating temp. max. (high temp.)	°C	82	82	82
Central heating temp. min. (high temp.)	°C	35	35	35
Central heating temp. max. (low temp.)	°C	45	45	45
Central heating temp. min. (low temp.)	°C	20	20	20
D.H.W. temperature maximum	°C	60	60	60
D.H.W. temperature minimum	°C	36	36	36
D.H.W. flow rate $\Delta T = 35^{\circ}\text{C}$	l/min	10.3	12.9	15.6
D.H.W. flow rate $\Delta T = 35^{\circ}\text{C}$	gal/min	2.2	2.8	3.4
<b>CHARACTERISTICS</b>				
Minimum ambient temperature	°C	5	5	5
D.H.W. minimum flow rate	l/min	2.0	2.0	2.0
Domestic hot water pressure maximum	bar	10	10	10
Domestic hot water pressure minimum	bar	0.3	0.3	0.3
Built-in expansion vessel capacity	l	8	8	8
Built-in expansion vessel pre-charged pressure	bar	0.7	0.7	0.7
Maximum water content of system	l	100	100	100
Maximum heating pressure	bar	3	3	3
Servicing clearances - top/front/bottom	mm	250/450/200	250/450/200	250/450/200
Servicing clearances - left/right	mm	5/5	5/5	5/5
Zero compartment ventilation		Yes	Yes	Yes
Weight	kg	32	35	35.5
<b>ELECTRICAL DATA</b>				
Electrical supply	V/Hz	230/50	230/50	230/50
Power consumption	W	114	115	150
Protection grade of electrical system	IP	X5D	X5D	X5D
Internal fuse rating		2A Fast Fuse	2A Fast Fuse	2A Fast Fuse

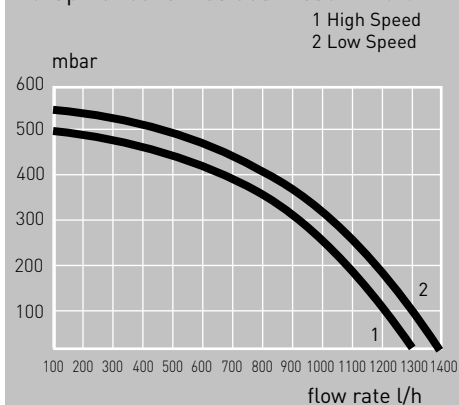
PRODUCT CODE	3665029	3665030	3665031
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## Accessories

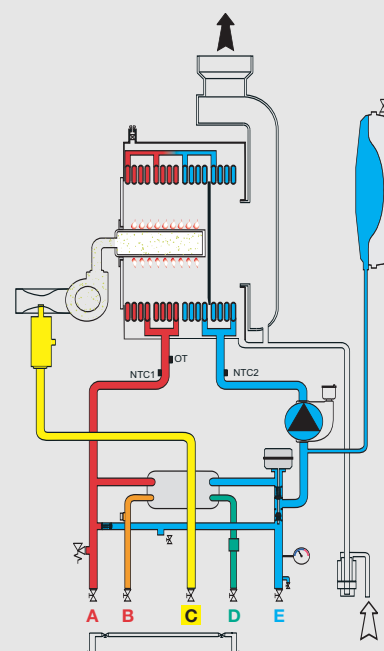
	Code
<b>WIRED CONTROLS</b>	
On/Off Room Thermostat	3318238
On/Off Programmable Room Thermostat	3318239
Modulating Room Sensor	3318231
Outdoor Sensor	3318232
Clima Manager	3318230
<b>WIRELESS CONTROLS</b>	
On/Off Programmable Room Thermostat	3318241
Receiver (On/Off Controls)	3318240
Modulating Room Sensor	3318235
Outdoor Sensor	3318236
Clima Manager	3318234
Receiver (Modulating Controls)	3318233
Repeater (Modulating Controls)	3318237
BUS Interface	3318229
<b>GENERAL ACCESSORIES</b>	
Rear Piping Chassis	3678411
Metal Template	3318246
Pre-Installation Kit	3678352

*maximum  
flexibility*

Graph of boiler residual head  $\Delta T 20^{\circ}\text{C}$



ROOM SEALED FAN FLUE



# GENUS HE SYSTEM

24 FF -  
30 FF

WALL-HUNG HIGH EFFICIENCY  
GAS SYSTEM BOILERS

**2** FREE  
2 year  
guarantee



COMPACT  
DIMENSIONS



QUIET  
OPERATION



AUTO



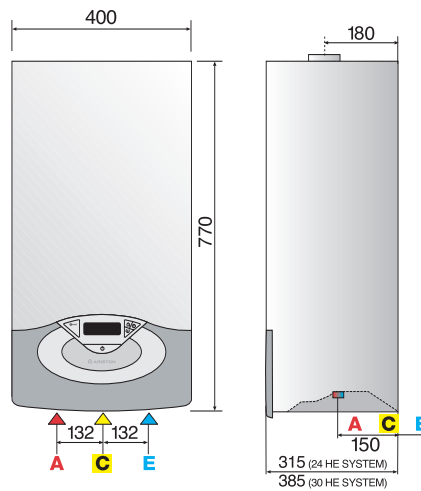
SAVING

- SEDBUK BAND A
- AVAILABLE IN TWO OUTPUTS
- COMPREHENSIVE RANGE OF WIRED AND WIRELESS CONTROLS
- UNIQUE 'AUTO' FUNCTION OPTIMISES EFFICIENCY OF BOILER AND SYSTEM
- AUTO-DIAGNOSTIC SYSTEM
- SIMPLE MAINTENANCE WITH ACCESS FROM THE FRONT OF THE APPLIANCE

- ANTI-FROST DEVICE
- BUILT-IN AUTOMATIC BY-PASS
- BUILT-IN SEVEN DAY DIGITAL TIME CLOCK
- INCLUDES CONNECTION KIT AND FILLING LOOP
- CLIP-ON CONNECTION KIT COVER AS STANDARD



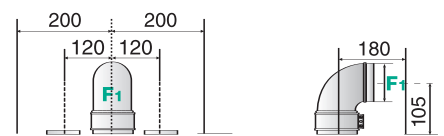
band **A**  
*energy* saving  
extra safe **IPX5D**



LEGEND

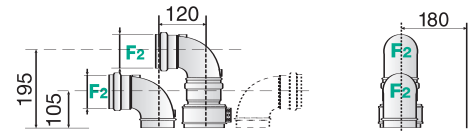
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- C: Gas inlet 15mm compression
- E: Central heating return 22mm compression
- F: Flue (Ø mm)
- F1: 60/100 - 80/125
- F2: 80

Coaxial exhaust



Ø60/100: up to 12m (24kW)  
Ø80/125: up to 36m (24kW)

Twin pipe exhaust



Ø80/80: up to 72m (24kW)

## Technical Information

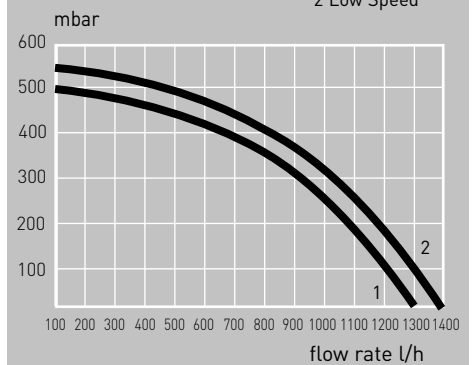
		GENUS HE SYSTEM 24 FF	GENUS HE SYSTEM 30 FF
<b>EFFICIENCY</b>			
SEDBUK Rating	Band	A	A
SAP efficiency	%	90.4	90.4
<b>POWER &amp; PERFORMANCE</b>			
Heat input max.	kW-Btu/h	27.7 - 94,500	33.3 - 113,600
Heat input min.	kW-Btu/h	6.1 - 20,800	7.2 - 24,500
Heat output max. (C.H.)	kW-Btu/h	21.0 - 71,600	27.0 - 92,100
Heat output min.	kW-Btu/h	5.0 - 17,000	6.0 22,000
Central heating temp. max. (high temp.)	°C	82	82
Central heating temp. min. (high temp.)	°C	35	35
Central heating temp. max. (low temp.)	°C	45	45
Central heating temp. min. (low temp.)	°C	20	20
<b>CHARACTERISTICS</b>			
Minimum ambient temperature	°C	5	5
Built-in expansion vessel capacity	l	8	8
Built-in expansion vessel pre-charged	bar	0.7	0.7
Maximum water content of system	l	100	100
Maximum heating pressure	bar	3	3
Servicing clearances - top/front/bottom	mm	250/450/200	250/450/200
Servicing clearances - left/right	mm	5/5	5/5
Zero compartment ventilation		Yes	Yes
Weight	kg	32	35
<b>ELECTRICAL DATA</b>			
Electrical supply	V/Hz	230/50	230/50
Power consumption	W	114	115
Protection grade of electrical system	IP	X5D	X5D
Internal fuse rating		2A Fast Fuse	2A Fast Fuse
PRODUCT CODE		3665034	3665035

## Accessories

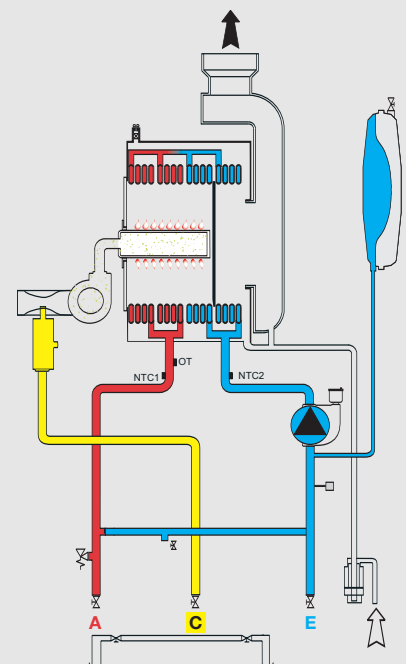
	Code
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Repeater (Modulating Controls)	3318237
BUS Interface	3318229
<b>GENERAL ACCESSORIES</b>	
Rear Piping Chassis	3678411
Metal Template	3318246
Pre-Installation Kit	3678353

*maximum  
flexibility*

Graph of boiler residual head  $\Delta T 20^{\circ}\text{C}$   
1 High Speed  
2 Low Speed

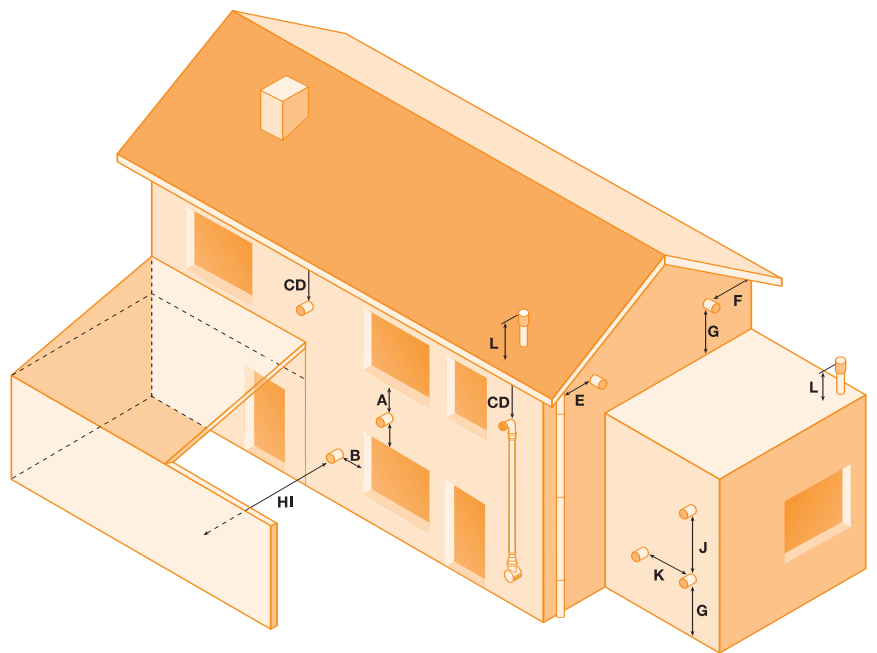


## ROOM SEALED FAN FLUE



# Flue pipe accessories- Easy installation with unrivalled flexibility

Ariston boilers are designed to be completely adaptable to every possible flue situation that may be encountered during installation. The need for alteration to flue components is almost completely eliminated, making installation of the boiler quick and easy. It is possible to site flue terminals in a variety of positions in accordance with BS5440-1:2000.



## Installation conditions

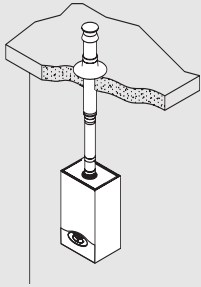
### TERMINAL POSITION

TERMINAL POSITION	mm	
A	Directly above/below an opening, air brick, opening windows, etc	300
B	Horizontally to an opening, air brick, opening windows, etc	300
C	Below gutters, soil pipes or drain pipes	75
D	Below eaves	200
E	From vertical drain or soil pipe	75
F	From an internal or external corner	300
G	Above ground roof or balcony level	2100
H	From a surface facing the terminal	2500
I	From a terminal facing the terminal	2500
J	Vertically from a terminal on the same wall	1500
K	Horizontally from a terminal in the same wall	300
L	Fixed by use of terminal and matched flashing plate	-

### NOTE

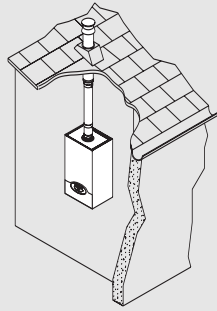
- Do not install in a place likely to cause a nuisance/damage/discolouration
- Carport installations not acceptable with HE appliances
- Products should not cross property boundaries (2.5 metres)

TYPE 1 Coaxial System



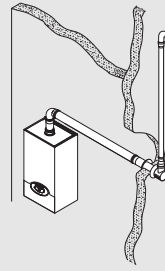
Vertical installation with coaxial piping on a flat roof.

TYPE 2 Coaxial System



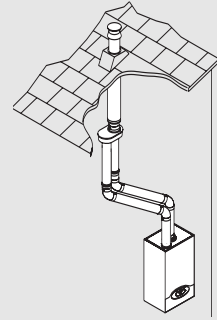
Vertical installation with coaxial piping on a pitched roof.

TYPE 3 Coaxial System



Horizontal installation with coaxial piping utilising a plume kit.

TYPE 4 Twin pipe system



Installation with two separate pipes - exhaust and air inlet on a pitched roof via a coaxial adaptor.



**COAXIAL**

**OUR REF DESCRIPTION**

- 3318073 Horizontal coaxial kit Ø 60/100 - 1000mm
- 3318329 Plume kit
- 3318075 90° Coaxial Elbow Ø 60/100
- 3318076 45° Coaxial Elbow Ø 60/100 (pack of 2)
- 3318077 Coaxial Extension Ø 60/100 - 1000mm
- 3318078 Coaxial Extension Ø 60/100 - 500mm
- 3318079 Vertical starter
- 3318090 Horizontal coaxial kit + adaptor Ø 80/125
- 3318091 90° Coaxial Elbow Ø 80/125
- 3318092 45° Coaxial Elbow Ø 80/125
- 3318093 Coaxial Extension Ø 80/125 - 1000mm
- 3318094 Coaxial Extension Ø 80/125 - 500mm
- 3318095 Adaptor 60/100-80/125

**TWIN PIPE**

**OUR REF DESCRIPTION**

- 3318369 Adaptor (Ø 60/80mm) for twin pipe systems
- 3318370 Twin pipe flue kit
- 3318084 90° MF Elbow (Ø 80mm) for twin pipe system
- 3318085 45° MF Elbow (Ø 80mm) for twin pipe system (pack of 2)
- 3318086 Pipe - 1000mm (Ø 80mm) for twin pipe systems

**TWIN PIPE**

**OUR REF DESCRIPTION**

- 3318087 Pipe - 500mm (Ø 80mm) for twin pipe systems
- 3318088 Adaptor 80/125 - 80

- 3318089 Adaptor 80/125 - 80+80
- 3318027 Stainless steel exhaust vent cap (Ø 80mm)
- 3318028 Intake vent cap

**SUNDRY ITEMS**

**OUR REF DESCRIPTION**

- 3318009/ Lead Flashing Base
- 3318010 Cap Black/Red
- 3318011/ Vent Cap Base for
- 3318012 Flat Roof Black/Red
- 3318080/ Standard Vertical Flue with
- 3318081 Terminal (Black/Red)
- 3318015 Wall Bracket Kit
- (Ø 80mm - Ø 125) (pack of 3)
- 3318016 Cover Plate (Ø 100)

## ARISTON THERMO GROUP

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technical advice

 **0870 600 9888**  
customer service