

# Pocket Product Guide

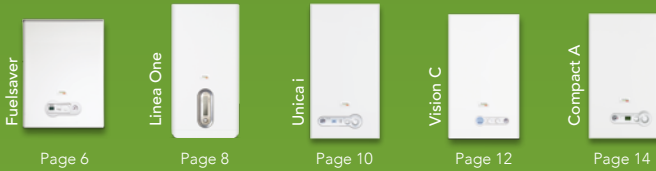


- COMBI BOILERS ■
- SYSTEM BOILERS ■
- OPEN VENT BOILERS ■
- WATER HEATERS ■
- UNVENTED CYLINDERS ■
- RENEWABLES ■
- TRAINING & SUPPORT ■

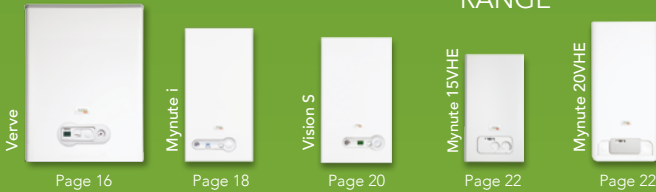
# Vokèra

## Product range at a glance

### COMBI BOILERS



### SYSTEM RANGE



### OPEN VENT RANGE

### SMART THERMOSTAT



### WATER HEATERS



### UNVENTED CYLINDERS



### RENEWABLES



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## Vokèra domestic heating solutions

### Quality and reliability

More than 1.5 million Vokèra boilers have been installed around the UK and Ireland demonstrating our wealth of experience in home heating. Vokèra has one of the highest boiler reliability statistics in the market, which is coupled with a 30 year unblemished record of product quality. At every stage, from research and development through to production and after sales support, we build quality in as standard.

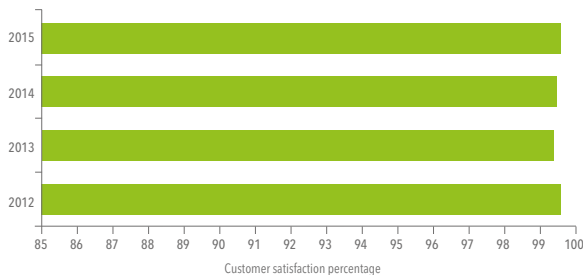


*Vokèra base the monthly reliability factor on the number of products at risk, measured against the quantity of bona-fide warranty interventions carried out during the same period*

### Service and support

Vokèra employed engineers and approved agent network support every installation, giving you peace of mind that should you need us, we are there. Our engineers boast a 95% first fix rate, ensuring a rapid resolution should any Vokèra appliance develop a fault during the warranty period.

We regularly publish our customer satisfaction results on our website, these not only demonstrate our commitment to continual improvement but the high levels of satisfaction we consistently achieve every year.\*



*\*Vokèra calculates its monthly customer satisfaction results by the total number of customer calls our engineers attend versus customer complaints.*

## Vokèra technology

### Radial heat exchanger

Starting from the raw materials this key component is designed and built in-house ensuring the highest quality, no compromise. This provides maximum control over the manufacturing process, ensuring excellent flexibility and reliability of the thermal and corrosion resistant properties of the heat exchanger.

The innovative heat exchanger, found in our higher specification products, is a single piece component manufactured from superior quality aluminium alloy that has been specifically chosen for its excellent corrosion resistant properties and high thermal transfer rate. The radial design and large cross-sectional area eliminate the risk of scaling or superheated areas.



### Class leading 10:1 modulation ratio


By incorporating the most advanced technology available, an extremely high modulation ratio of 10:1 has been achieved in Vokèra's higher specification boiler ranges. The modulation ratio is a boiler's ability to reduce its maximum output to its minimum output. The ability of an appliance to modulate its output to 10% of its maximum output has many benefits including, temperature stability, enhanced fuel efficiency and minimal cycling, resulting in less stress on the boiler's components and parts.

### Intelligent controls

Vokèra boilers boast some of the latest innovations in technology, including OpenTherm, that help maximise efficiency. We are committed to making our controls as straight forward as possible including a Tyco connection on a variety of our control receivers\*, ensuring our controls are extremely simple to install with our boilers. BeSMART offers Internet connected control and multi-zone efficiency.



BeSMART

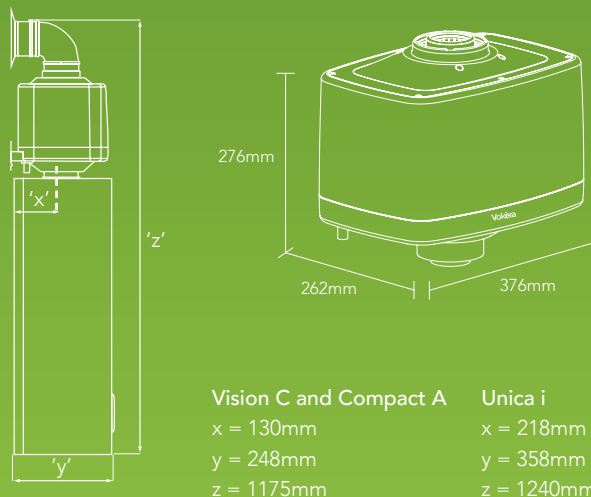
 We also offer online tutorials and a controls course to enable you to make the most of our energy saving controls.

*\*Specific boiler and control compatibility applies. Please see page 34 for more information on Vokèra intelligent controls.*

# Fuelsaver

## Passive flue gas heat recovery device

### Dimensions



Ideal for where height may be an issue

The Fuelsaver is compatible with Unica i, Vision C and Compact A combi boilers. Refer to the individual product pages for information on flue lengths.

SPECIFICATIONS	FUELSAVER
PRODUCT ORDER CODE	29450000
EFFICIENCY SAVINGS	
GAS SAVING	UP TO 33%
CARBON SAVING (ANNUAL)	UP TO 500KG
WATER SAVING (ANNUAL)	OVER 5%
DIMENSIONS AND WEIGHTS	
DIMENSIONS (H X W X D) (MM)	276 X 376 X 262
LIFT WEIGHT EMPTY (KG)	6.6
LIFT WEIGHT FULL (KG)	9.4

(1) Subject to registration.



5 Year Warranty<sup>(1)</sup>



Gas Consumption Reduction



Carbon Emissions Reduction



LISTED ON PCBs AND VALIDATED FOR SAP 2009



Cold Water Waste Reduction

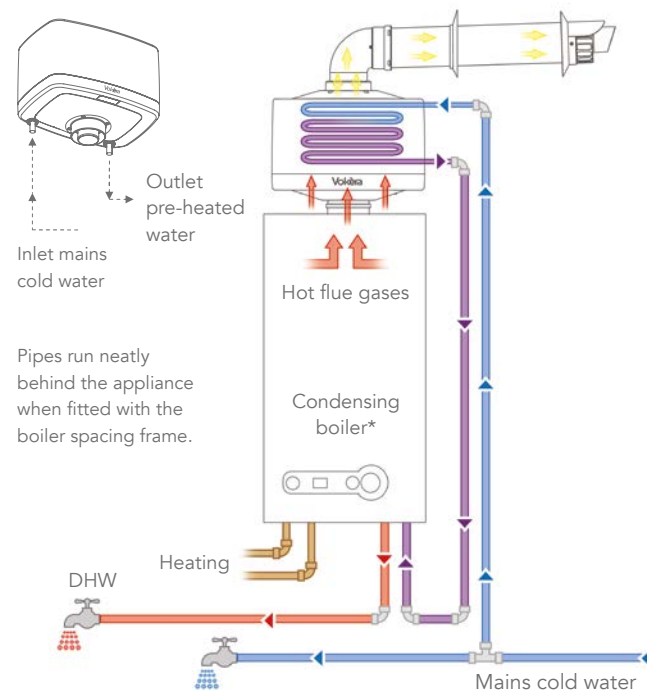


COMPATIBLE WITH UNICA I, VISION C & COMPACT A COMBI BOILERS



Easy Installation

### Fuelsaver installation



\*Compatible with Vokèra Unica i, Vision C and Compact A combi boilers.

### FLUE OPTIONS AND ACCESSORIES

DESCRIPTION	CODE
BLENDED VALVE	1150529
TELESCOPIC HORIZONTAL FLUE TERMINAL	29450121
HORIZONTAL FLUE TERMINAL	29450120
VERTICAL FLUE TERMINAL	29450122



For more information watch our short video on the Fuelsaver by visiting our YouTube channel, search VokèraLtd or scan the QR code.

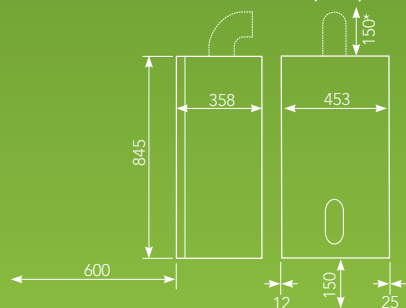




# Linea One

## High efficiency combi boiler

### Dimensions and Clearances (mm)



\*From casing or 25mm above flue elbow (whichever is applicable)



### SPECIFICATIONS

#### LINEA ONE

PRODUCT ORDER CODE	20023491
CENTRAL HEATING	
HEAT INPUT (kW)	30
HEAT OUTPUT @ 60/80°C (kW)	29.3
HEAT OUTPUT @ 30/50°C (kW)	31.9
DOMESTIC HOT WATER	
MAXIMUM HEAT INPUT (kW)	38.1
MINIMUM HEAT INPUT (kW)	3.8
FLOW RATE - 35°C RISE (L/MIN)	15.6
WEIGHT	
DRY WEIGHT (KG)	44
EFFICIENCY	
ErP SEASONAL SPACE HEATING ENERGY EFFICIENCY (CLASS/%)	A/93
ErP WATER HEATING EFFICIENCY (XL PROFILE) (CLASS/%)	A/83

### ACCESSORIES

DESCRIPTION	CODE
STANDARD BeSMART WI-FI KIT	20111860
WIRING KIT FOR USE WITH OPENTHERM	1221179
SPACING FRAME	435
MAGNETIC FILTER	29450199
CONDENSE PUMP	404
LINEA ONE LPG CONVERSION KIT	20031415



ErP Compliant



5 Year Warranty<sup>††</sup>



Modulation Ratio



BeSMART  
Compatible



Endorsed Product

NB: For every 45° and 90° bend deduct 1m from flue length

### FLUE LENGTHS

#### LINEA ONE

FLUE DETAILS (CONCENTRIC)	
MAX HORIZONTAL FLUE LENGTH (60/100MM)	3.85M
MAX VERTICAL FLUE LENGTH (60/100MM)	4.85M
MAX HORIZONTAL FLUE LENGTH (80/125MM)	10M
MAX VERTICAL FLUE LENGTH (80/125MM)	12M
FLUE DETAILS (TWIN PIPES)	
MAX HORIZONTAL FLUE LENGTH (80MM/80MM)	30M/30M
MAX VERTICAL FLUE LENGTH (80MM/80MM)	30M/30M

### HORIZONTAL AND VERTICAL FLUE OPTIONS (60/100)

COMPONENT	DESCRIPTION	CODE
	TELESCOPIC HORIZONTAL FLUE TERMINAL 400MM - 575MM <sup>(2)</sup>	29450121
	HORIZONTAL FLUE TERMINAL	29450120
	PLUME MANAGEMENT KIT <sup>(3)</sup>	522
	90° BEND	29450123
	45° BEND (PAIR)	29450124
	500MM EXTENSION	29450125
	1000MM EXTENSION	29450126
	2000MM EXTENSION	29450127
	TELESCOPIC EXTENSION 372MM - 519MM	29450128
	WALL BRACKETS (5 X 100MM)	529
	VERTICAL FLUE TERMINAL	29450122
	PITCHED ROOF FLASHING PLATE	531
	FLAT ROOF FLASHING PLATE	532



For a complete list of flues and accessories, including 80/125 concentric flues and twin flues see page 28.

(1) Subject to registration and annual service. (2) Consider depth of boiler model. (3) Contact Vokera Technical Support for advice.



ErP Compliant



5 Year Warranty<sup>††</sup>



Modulation Ratio



BeSMART  
Compatible



Endorsed Product



Built-in Filling Loop



Radial Heat  
Exchanger



Weather  
Compensation Sensor

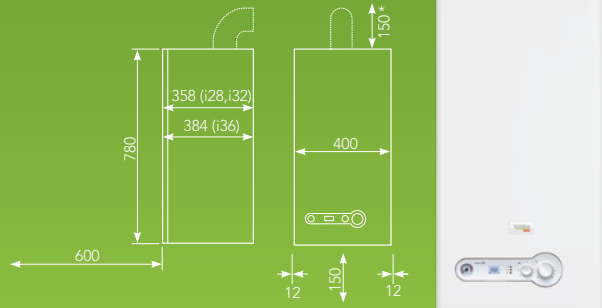


High Flow Rate

# Unica i

## High efficiency combi boiler

### Dimensions and Clearances (mm)



\*From casing or 25mm above flue elbow (whichever is applicable)

SPECIFICATIONS	UNICA i28	UNICA i32	UNICA i36
PRODUCT ORDER CODE	20097273	20097274	20097275
CENTRAL HEATING			
HEAT INPUT (kW)	20	25	30
HEAT OUTPUT @ 60/80°C (kW)	19.6	24.6	29.3
HEAT OUTPUT @ 30/50°C (kW)	21.4	26.7	31.8
DOMESTIC HOT WATER			
HEAT INPUT (kW)	28	32	36
FLOW RATE - 35°C RISE (L/MIN)	11.5	13.1	14.7
WEIGHT			
DRY WEIGHT (KG)	40	42	41
EFFICIENCY			
ErP SEASONAL SPACE HEATING ENERGY EFFICIENCY (CLASS/%)*	A/93	A/94	A/93
ErP WATER HEATING EFFICIENCY (XL PROFILE) (CLASS/%)	A/85	A/84	A/84

### ACCESSORIES

DESCRIPTION	CODE
STANDARD BeSMART WI-FI KIT	20111860
SPACING FRAME	435
MAGNETIC FILTER	29450199
FUELSAVER	29450000
CONDENSE PUMP	404
WHITE PIPE COVER 400MM	518
UNICA i LPG CONVERSION KIT	20069593

\*Unica i32 achieves an ErP A+ system rating with class VI controls (see page 36 for more information).



FLUE LENGTHS	UNICA i28	UNICA i32	UNICA i36
FLUE DETAILS (CONCENTRIC)			
MAX HORIZONTAL FLUE LENGTH (60/100MM)	7.85M	7.85M	7.85M
MAX VERTICAL FLUE LENGTH (60/100MM)	8.8M	8.8M	8.85M
MAX HORIZONTAL FLUE LENGTH (80/125MM)	20M	20M	14.85M
MAX VERTICAL FLUE LENGTH (80/125MM)	25M	25M	19.85M
FLUE DETAILS (TWIN PIPES)			
MAX HORIZONTAL FLUE LENGTH (80MM/80MM)	50M/50M	50M/50M	38M/38M
MAX VERTICAL FLUE LENGTH (80MM/80MM)	50M/50M	50M/50M	38M/38M

### HORIZONTAL AND VERTICAL FLUE OPTIONS (60/100)

COMPONENT	DESCRIPTION	CODE
	TELESCOPIC REAR FLUE 320MM - 825MM <sup>(2)</sup>	29450133
	TELESCOPIC HORIZONTAL FLUE TERMINAL 400MM - 575MM <sup>(3)</sup>	29450121
	HORIZONTAL FLUE TERMINAL	29450120
	PLUME MANAGEMENT KIT	522
	90° BEND	29450123
	45° BEND (PAIR)	29450124
	500MM EXTENSION	29450125
	1000MM EXTENSION	29450126
	2000MM EXTENSION	29450127
	TELESCOPIC EXTENSION 372MM - 519MM	29450128
	WALL BRACKETS (5 X 100MM)	529
	VERTICAL FLUE TERMINAL	29450122
	PITCHED ROOF FLASHING PLATE	531
	FLAT ROOF FLASHING PLATE	532

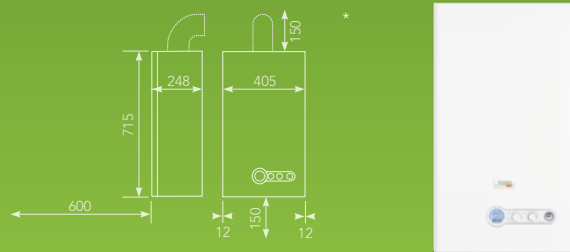
For a complete list of flues and accessories, including 80/125 concentric flues and twin flues see page 28.

(1) Subject to registration and annual service. (2) Telescopic rear flue terminal has a minimum length of 600mm but can be cut to 320mm. (3) Consider depth of boiler model.

## Vision C

### High efficiency combi boiler

#### Dimensions and Clearances (mm)



\*From casing or 25mm above flue elbow (whichever is applicable)

SPECIFICATIONS	VISION 25C	VISION 30C
PRODUCT ORDER CODE - 5 YEAR WARRANTY	20097278	20099224
PRODUCT ORDER CODE - 7 YEAR WARRANTY	29450501	29450502
CENTRAL HEATING		
HEAT INPUT (kW)	20	25
HEAT OUTPUT @ 60/80°C (kW)	19.5	24.5
HEAT OUTPUT @ 30/50°C (kW)	20.8	26.2
DOMESTIC HOT WATER		
MAXIMUM HEAT INPUT (kW)	25	29
FLOW RATE - 35°C RISE (L/MIN)	10.2	12
WEIGHT		
DRY WEIGHT (KG)	29	29
EFFICIENCY		
ErP SEASONAL SPACE HEATING ENERGY EFFICIENCY (CLASS/%)	A/93	A/93
ErP WATER HEATING EFFICIENCY (XL PROFILE) (CLASS/%)	A/85	A/84

#### ACCESSORIES

DESCRIPTION	CODE
STANDARD BeSMART WI-FI KIT	20111860
SPACING FRAME	20030704
MAGNETIC FILTER	29450199
FUELSAVER	29450000
CONDENSE PUMP	404
PIPE COVER	20012594
VISION 25C / 30C LPG CONVERSION KIT	20045569 / 20029055



ErP Compliant



7 Year Warranty<sup>(1)</sup>



Lightweight & Compact



Rear Flue



Endorsed Product



BeSMART Compatible



Built-in Time Clock



Fuelsaver Compatible



Built-in Filling Loop

FLUE LENGTHS	VISION 25C	VISION 30C
FLUE DETAILS (CONCENTRIC)		
MAX HORIZONTAL FLUE LENGTH (60/100MM)	5.85M	4.85M
MAX VERTICAL FLUE LENGTH (60/100MM)	6.85M	5.85M
MAX HORIZONTAL FLUE LENGTH (80/125MM)	15.3M	12.8M
MAX VERTICAL FLUE LENGTH (80/125MM)	20.3M	17.8M
FLUE DETAILS (TWIN PIPES)		
MAX HORIZONTAL FLUE LENGTH (80MM/80MM)	45M/45M	40M/40M
MAX VERTICAL FLUE LENGTH (80MM/80MM)	45M/45M	40M/40M

#### HORIZONTAL AND VERTICAL FLUE OPTIONS (60/100)

COMPONENT	DESCRIPTION	CODE
	TELESCOPIC REAR FLUE 320MM - 825MM <sup>(2)</sup>	29450133
	TELESCOPIC HORIZONTAL FLUE TERMINAL 400MM - 575MM <sup>(3)</sup>	29450121
	HORIZONTAL FLUE TERMINAL	29450120
	PLUME MANAGEMENT KIT <sup>(4)</sup>	522
	90° BEND	29450123
	45° BEND (PAIR)	29450124
	500MM EXTENSION	29450125
	1000MM EXTENSION	29450126
	2000MM EXTENSION	29450127
	TELESCOPIC EXTENSION 372MM - 519MM	29450128
	WALL BRACKETS (5 X 100MM)	529
	VERTICAL FLUE TERMINAL <sup>(4)</sup>	29450122
	PITCHED ROOF FLASHING PLATE	531
	FLAT ROOF FLASHING PLATE	532



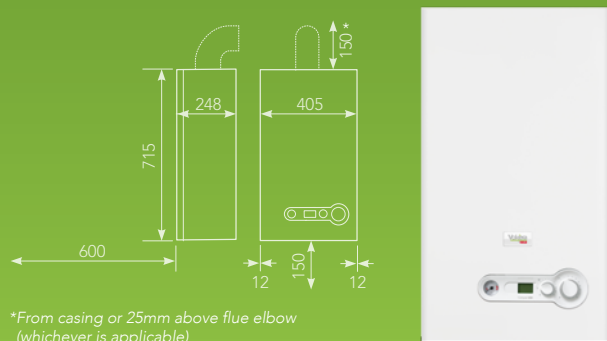
For a complete list of flues and accessories, including 80/125 concentric flues and twin flues see page 28.

- (1) 7 year option (5 year standard), subject to registration and annual service.  
 (2) Telescopic rear flue terminal has a minimum length of 600mm but can be cut to 320mm.  
 (3) Consider depth of boiler model. (4) These items must be installed vertically.

# Compact A

## High efficiency combi boiler

### Dimensions and Clearances (mm)



SPECIFICATIONS	COMPACT 25A	COMPACT 29A
PRODUCT ORDER CODE	20099226	20099227
CENTRAL HEATING		
HEAT INPUT (kW)	20	25
HEAT OUTPUT @ 60/80°C (kW)	19.5	24.5
HEAT OUTPUT @ 30/50°C (kW)	20.8	26.2
DOMESTIC HOT WATER		
MAXIMUM HEAT INPUT (kW)	25	29
FLOW RATE - 35°C RISE (L/MIN)	10.2	11.9
WEIGHT		
DRY WEIGHT (KG)	26	27
EFFICIENCY		
ErP SEASONAL SPACE HEATING ENERGY EFFICIENCY (CLASS/%)	A/93	A/93
ErP WATER HEATING EFFICIENCY (XL PROFILE) (CLASS/%)	A/85	A/84

ACCESSORIES	DESCRIPTION	CODE
	STANDARD BeSMART WI-FI KIT	20111860
	COMPACT A 24 HOUR ANALOGUE CLOCK KIT	20025085
	SPACING FRAME	20030704
	MAGNETIC FILTER	29450199
	FUELSAVER	29450000
	CONDENSE PUMP	404
	PIPE COVER	20012594
	COMPACT 25A / 29A LPG CONVERSION KIT	20045569 / 20029055



ErP Compliant



2 Year Warranty<sup>††</sup>



Lightweight & Compact



Cupboard Fit



Endorsed Product

NB: For every 45° and 90° bend deduct 1m from flue length

FLUE LENGTHS	COMPACT 25A	COMPACT 29A
FLUE DETAILS (CONCENTRIC)		
MAX HORIZONTAL FLUE LENGTH (60/100MM)	5.85M	4.85M
MAX VERTICAL FLUE LENGTH (60/100MM)	6.85M	5.85M
MAX HORIZONTAL FLUE LENGTH (80/125MM)	15.3M	12.8M
MAX VERTICAL FLUE LENGTH (80/125MM)	16.3M	13.8M
FLUE DETAILS (TWIN PIPES)		
MAX HORIZONTAL FLUE LENGTH (80MM/80MM)	45M/45M	40M/40M
MAX VERTICAL FLUE LENGTH (80MM/80MM)	45M/45M	40M/40M

HORIZONTAL AND VERTICAL FLUE OPTIONS (60/100)		
COMPONENT	DESCRIPTION	CODE
	TELESCOPIC REAR FLUE 320MM - 825MM <sup>(2)</sup>	29450133
	TELESCOPIC HORIZONTAL FLUE TERMINAL 400MM - 575MM <sup>(3)</sup>	29450121
	HORIZONTAL FLUE TERMINAL	29450120
	PLUME MANAGEMENT KIT <sup>(4)</sup>	522
	90° BEND	29450123
	45° BEND (PAIR)	29450124
	500MM EXTENSION	29450125
	1000MM EXTENSION	29450126
	2000MM EXTENSION	29450127
	TELESCOPIC EXTENSION 372MM - 519MM	29450128
	WALL BRACKETS (5 X 100MM)	529
	VERTICAL FLUE TERMINAL	29450122
	PITCHED ROOF FLASHING PLATE	531
	FLAT ROOF FLASHING PLATE	532

For a complete list of flues and accessories, including 80/125 concentric flues and twin flues see page 28.

(1) Subject to registration and annual service. (2) Telescopic rear flue terminal has a minimum length of 600mm but can be cut to 320mm. (3) Consider depth of boiler model.

(4) Contact Vokera Technical Support for advice.



Rear Flue



BeSMART Compatible Thermostat



Programmable Thermostat

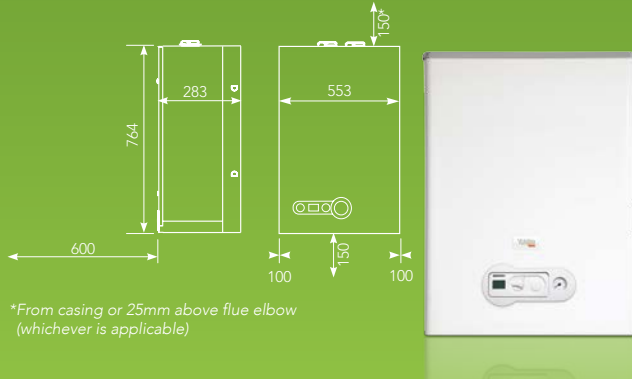


Optional Pipe Cover

# Verve

## High output heat only boiler

### Dimensions and Clearances (mm)



SPECIFICATIONS	VERVE
PRODUCT ORDER CODE	20102705
CENTRAL HEATING	
HEAT INPUT (kW)	47
HEAT OUTPUT @ 60/80°C (kW)	45.8
HEAT OUTPUT @ 30/50°C (kW)	49.9
WEIGHT	
DRY WEIGHT (KG)	39
EFFICIENCY	
ErP SEASONAL SPACE HEATING ENERGY EFFICIENCY (CLASS/%)	A/92

ACCESSORIES	CODE
DESCRIPTION	CODE
HYDRAULIC SEPARATOR	20028475
3 WAY VALVE KIT FOR DHW	20028476
B23 AIR INTAKE KIT	20028478
24 LITRE EXPANSION VESSEL	20043324
MAGNETIC FILTER	29450199
CONDENSE PUMP	404
VERVE LPG CONVERSION KIT	20032155



ErP Compliant



2 Year Warranty<sup>(1)</sup>



Radial Heat Exchanger



FAMILIAR CHARACTERISTICS TO DOMESTIC BOILERS



EXCELLENT POWER TO WEIGHT RATIO



INTEGRAL PUMP



CASCADES UP TO 200kW



Solar Thermal Compatible

NB: For every 45° and 90° bend deduct 1m from flue length

FLUE LENGTHS	VERVE
FLUE DETAILS (CONCENTRIC)	
MAX HORIZONTAL FLUE LENGTH (60/100MM)	1.85M
MAX VERTICAL FLUE LENGTH (60/100MM)	2.85M
MAX HORIZONTAL FLUE LENGTH (80/125MM)	4.85M
MAX VERTICAL FLUE LENGTH (80/125MM)	7.0M
FLUE DETAILS (TWIN PIPES)	
MAX HORIZONTAL FLUE LENGTH (80MM/80MM)	20M/20M
MAX VERTICAL FLUE LENGTH (80MM/80MM)	20M/20M

HORIZONTAL AND VERTICAL FLUE OPTIONS (60/100)		
COMPONENT	DESCRIPTION	CODE
	FLUE KIT ADAPTOR 80/80 - 60/100MM	20028027
	TELESCOPIC HORIZONTAL FLUE TERMINAL 400MM - 575MM <sup>(2)</sup>	29450121
	HORIZONTAL FLUE TERMINAL	29450120
	90° BEND	29450123
	45° BEND (PAIR)	29450124
	500MM EXTENSION	29450125
	1000MM EXTENSION	29450126
	TELESCOPIC EXTENSION 372MM - 519MM	29450128
	WALL BRACKETS (5 X 100MM)	529
	VERTICAL FLUE TERMINAL	29450122
	PITCHED ROOF FLASHING PLATE	531
	FLAT ROOF FLASHING PLATE	532

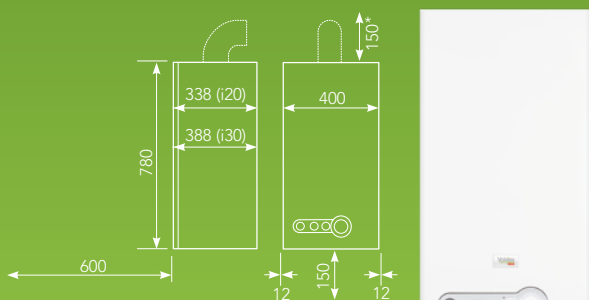
For a complete list of flues and accessories, including 80/125 concentric flues and twin flues see page 28.

(1) Subject to registration and annual service. (2) Consider depth of boiler model.

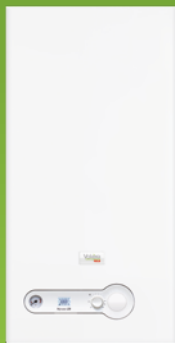
# Mynute i

## High efficiency system boiler

### Dimensions and Clearances (mm)



\*From casing or 25mm above flue elbow (whichever is applicable)



SPECIFICATIONS	MYNUTE i20	MYNUTE i30
PRODUCT ORDER CODE	20101253	20101256
CENTRAL HEATING		
HEAT INPUT (kW)	20	30
HEAT OUTPUT @ 60/80°C (kW)	19.6	29.3
HEAT OUTPUT @ 30/50°C (kW)	21.4	31.8
WEIGHT		
DRY WEIGHT (KG)	40	38
EFFICIENCY		
ErP SEASONAL SPACE HEATING ENERGY EFFICIENCY (CLASS/%)	A/93	A/93

ACCESSORIES		
DESCRIPTION		CODE
SPACING FRAME		2359689
MAGNETIC FILTER		29450199
CONDENSE PUMP		404
PIPE COVER		518
MYNUTE i LPG CONVERSION KIT		20069593

NB: For every 45° and 90° bend deduct 1m from flue length

FLUE LENGTHS	MYNUTE i20	MYNUTE i30
FLUE DETAILS (CONCENTRIC)		
MAX HORIZONTAL FLUE LENGTH (60/100MM)	7.8M	7.85M
MAX VERTICAL FLUE LENGTH (60/100MM)	8.8M	8.85M
MAX HORIZONTAL FLUE LENGTH (80/125MM)	20M	14.85M
MAX VERTICAL FLUE LENGTH (80/125MM)	21M	15.85M
FLUE DETAILS (TWIN PIPES)		
MAX HORIZONTAL FLUE LENGTH (80MM/80MM)	50M/50M	38M/38M
MAX VERTICAL FLUE LENGTH (80MM/80MM)	50M/50M	38M/38M

HORIZONTAL AND VERTICAL FLUE OPTIONS (60/100)		
COMPONENT	DESCRIPTION	CODE
	TELESCOPIC REAR FLUE 320MM - 825MM <sup>(3)</sup>	29450133
	TELESCOPIC HORIZONTAL FLUE TERMINAL 400MM - 575MM <sup>(4)</sup>	29450121
	HORIZONTAL FLUE TERMINAL	29450120
	PLUME MANAGEMENT KIT <sup>(4)</sup>	522
	90° BEND	29450123
	45° BEND (PAIR)	29450124
	500MM EXTENSION	29450125
	1000MM EXTENSION	29450126
	2000MM EXTENSION	29450127
	TELESCOPIC EXTENSION 372MM - 519MM	29450128
	WALL BRACKETS (5 X 100MM)	529
	VERTICAL FLUE TERMINAL	29450122
	PITCHED ROOF FLASHING PLATE	531
	FLAT ROOF FLASHING PLATE	532

For a complete list of flues and accessories, including 80/125 concentric flues and twin flues see page 28.

(1) Subject to registration and annual service. (2) Can be used on heat only appliances, contact Vokera Technical Support for advice. (3) Telescopic rear flue terminal has a minimum length of 600mm but can be cut to 320mm. (4) Consider depth of boiler model.



ErP Compliant



5 Year Warranty<sup>(1)</sup>



Modulation Ratio



Endorsed Product



Rear Flue



Radial Heat Exchange



Solar Thermal Compatible

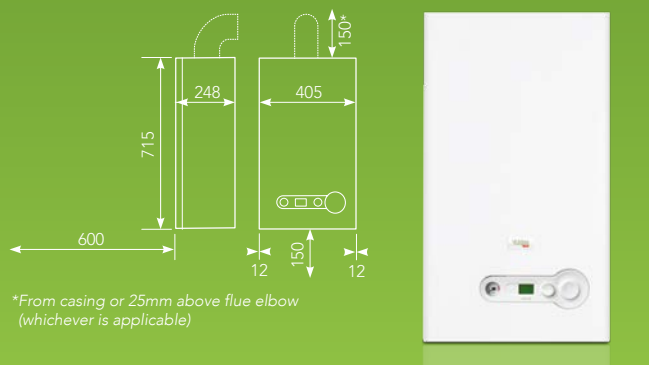


BUILT-IN ON-BOARD RELAY

# Vision S

## High efficiency system boiler

### Dimensions and Clearances (mm)



\*From casing or 25mm above flue elbow (whichever is applicable)

SPECIFICATIONS	VISION 20S	VISION 25S
PRODUCT ORDER CODE - 5 YEAR WARRANTY	20099228	20099229
PRODUCT ORDER CODE - 7 YEAR WARRANTY	29450503	29450504
CENTRAL HEATING		
HEAT INPUT (kW)	20	25
HEAT OUTPUT @ 60/80°C (kW)	19.5	24.5
HEAT OUTPUT @ 30/50°C (kW)	20.8	26.2
WEIGHT		
DRY WEIGHT (KG)	27	28
EFFICIENCY		
ErP SEASONAL SPACE HEATING ENERGY EFFICIENCY (CLASS/%)	A/93	A/93

ACCESSORIES	
DESCRIPTION	CODE
CONTROL INTERFACE <sup>(2)</sup>	20008401
SPACING FRAME	20030704
MAGNETIC FILTER	29450199
CONDENSE PUMP	404
PIPE COVER	20012594
VISION 20S / 25S LPG CONVERSION KIT	20045569 / 20029055

NB: For every 45° and 90° bend deduct 1m from flue length

FLUE LENGTHS	VISION 20S	VISION 25S
FLUE DETAILS (CONCENTRIC)		
MAX HORIZONTAL FLUE LENGTH (60/100MM)	5.85M	4.85M
MAX VERTICAL FLUE LENGTH (60/100MM)	6.85M	5.85M
MAX HORIZONTAL FLUE LENGTH (80/125MM)	15.3M	12.8M
MAX VERTICAL FLUE LENGTH (80/125MM)	16.3M	13.8M
FLUE DETAILS (TWIN PIPES)		
MAX HORIZONTAL FLUE LENGTH (80MM/80MM)	45M/45M	40M/40M
MAX VERTICAL FLUE LENGTH (80MM/80MM)	45M/45M	40M/40M

HORIZONTAL AND VERTICAL FLUE OPTIONS (60/100)		
COMPONENT	DESCRIPTION	CODE
	TELESCOPIC REAR FLUE 320MM - 825MM <sup>(3)</sup>	29450133
	TELESCOPIC HORIZONTAL FLUE TERMINAL 400MM - 575MM <sup>(4)</sup>	29450121
	HORIZONTAL FLUE TERMINAL	29450120
	PLUME MANAGEMENT KIT	522
	90° BEND	29450123
	45° BEND (PAIR)	29450124
	500MM EXTENSION	29450125
	1000MM EXTENSION	29450126
	2000MM EXTENSION	29450127
	TELESCOPIC EXTENSION 372MM - 519MM	29450128
	WALL BRACKETS (5 X 100MM)	529
	VERTICAL FLUE TERMINAL	29450122
	PITCHED ROOF FLASHING PLATE	531
	FLAT ROOF FLASHING PLATE	532

For a complete list of flues and accessories, including 80/125 concentric flues and twin flues see page 28.

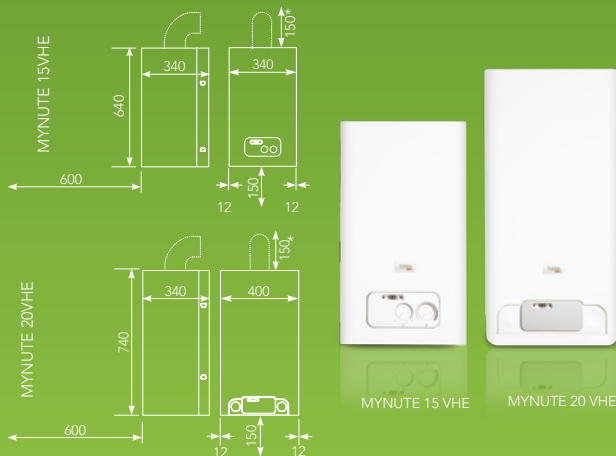
(1) 7 year option (5 year standard), subject to registration and annual service. (2) Required for use with OpenTherm and weather compensation controls. (3) Telescopic rear flue terminal has a minimum length of 600mm but can be cut to 320mm. (4) Consider depth of boiler model.



# Mynute VHE

## High efficiency open vent boiler

### Dimensions and Clearances (mm)



\*From casing or 25mm above flue elbow (whichever is applicable)

SPECIFICATIONS	MYNUTE 15VHE	MYNUTE 20VHE
PRODUCT ORDER CODE	884	886
CENTRAL HEATING		
HEAT INPUT (kW)	15	20
HEAT OUTPUT @ 60/80°C (kW)	14.6	19.7
HEAT OUTPUT @ 30/50°C (kW)	15.7	21.2
WEIGHT		
DRY WEIGHT (KG)	25	29
EFFICIENCY		
ErP SEASONAL SPACE HEATING ENERGY EFFICIENCY (CLASS/%)	A/93	A/91

OPTIONS	
DESCRIPTION	CODE
SPACING FRAME (20kW ONLY)	2359689
MAGNETIC FILTER	29450199
CONDENSE PUMP	404
WHITE PIPE COVER 400MM (20kW ONLY)	518
MYNUTE VHE LPG CONVERSION KIT	01005446

Pipe cover shown is not supplied as standard as with the Mynute 20VHE, available as an optional extra.



ErP Compliant



2 Year Warranty<sup>(1)</sup>



Rear Flue



Endorsed Product



Cupboard Fit<sup>(2)</sup>



Radial Heat Exchanger



TOP AND BOTTOM PIPE CONNECTION



Versatile Flueing Options

FLUE LENGTHS	MYNUTE 15VHE	MYNUTE 20VHE
FLUE DETAILS (CONCENTRIC)		
MAX HORIZONTAL FLUE LENGTH (60/100MM)	7.8M	7.8M
MAX VERTICAL FLUE LENGTH (60/100MM)	8.8M	8.8M
MAX HORIZONTAL FLUE LENGTH (80/125MM)	25M	25M
MAX VERTICAL FLUE LENGTH (80/125MM)	30M	25M
FLUE DETAILS (TWIN PIPES)		
MAX HORIZONTAL FLUE LENGTH (80MM/80MM)	40M/40M	40M/40M
MAX VERTICAL FLUE LENGTH (80MM/80MM)	40M/40M	40M/40M

HORIZONTAL AND VERTICAL FLUE OPTIONS (60/100)		
COMPONENT	DESCRIPTION	CODE
	TELESCOPIC REAR FLUE 330MM - 500MM <sup>(2)</sup>	533
	TELESCOPIC HORIZONTAL FLUE TERMINAL 400MM - 575MM <sup>(3)</sup>	29450121
	HORIZONTAL FLUE TERMINAL	29450120
	PLUME MANAGEMENT KIT	522
	90° BEND	29450123
	45° BEND (PAIR)	29450124
	500MM EXTENSION	29450125
	1000MM EXTENSION	29450126
	2000MM EXTENSION	29450127
	TELESCOPIC EXTENSION 372MM - 519MM	29450128
	WALL BRACKETS (5 X 100MM)	529
	VERTICAL FLUE TERMINAL	29450122
	PITCHED ROOF FLASHING PLATE	531
	FLAT ROOF FLASHING PLATE	532

For a complete list of flues and accessories, including 80/125 concentric flues and twin flues see page 28.

(1) Subject to registration and annual service. (2) Mynute 15VHE only. (3) Consider depth of boiler model.



# Domestic boiler feature chart

Use this product feature reference chart to quickly identify what Vokèra product provides the ideal solution for your heating and domestic hot water requirements.

## PRODUCT FEATURES

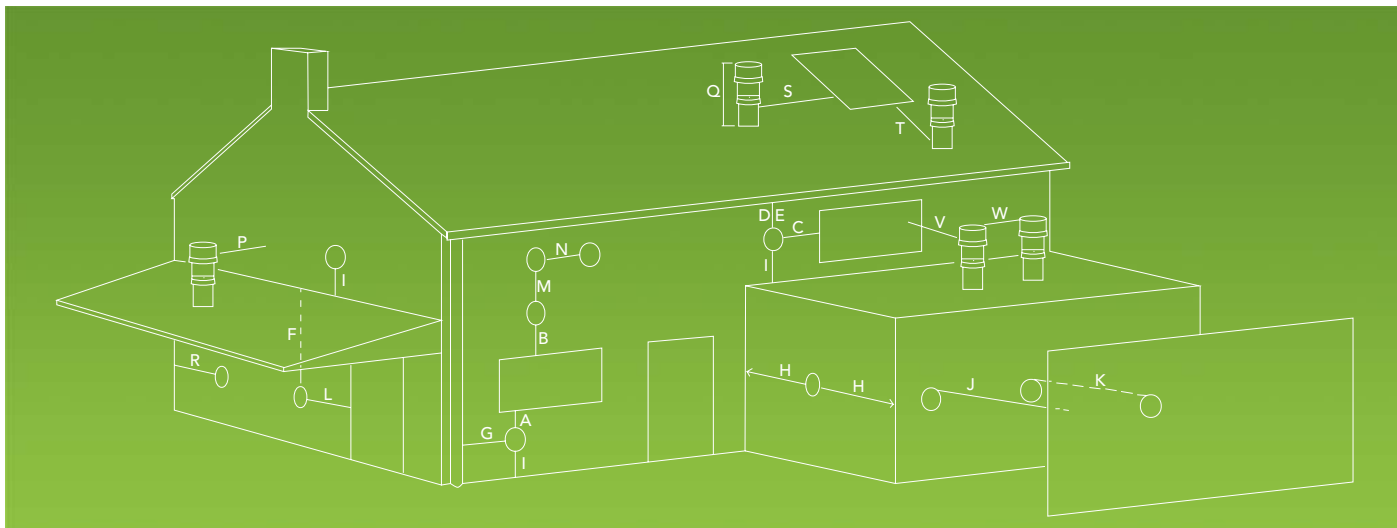
FEATURE	LINEA ONE	UNICA i	VISION COMBI	COMPACT A	VERVE	MYNUTE i	VISION SYSTEM	MYNUTE VHE
5 YEAR WARRANTY	✓	✓	✓	✗	✗	✓	✓	✗
BACK LIT LCD DISPLAY	✓	✓	✓	✓	✓	✓	✓	✗
HISTORY RECALL INFORMATION FUNCTION	✓	✓	✓	✗	✓	✗	✗	✗
DHW PREHEAT ON/OFF FUNCTION	✓	✓	✓	✓	✗	✗	✗	✗
EXTERNAL SECOND PUMP CONNECTION	✓	✗	✗	✗	✗	✗	✗	✗
DHW MEMORY FUNCTION OPTION	✓	✗	✗	✗	✗	✗	✗	✗
DHW COMFORT FUNCTION OPTION	✓	✗	✗	✗	✗	✗	✗	✗
MODULATING PUMP	✓	✓	✗	✗	✗	✓	✗	✗
ADVANCED AUTOSTOP FUNCTION – 4 MODES OPERATION	✓	✗	✗	✗	✗	✗	✗	✗
AUTOSTOP FUNCTION – 1 MODE OPERATION	✗	✓	✓	✓	✗	✓	✓	✓
OPENTHERM CONTROL OPTION	✓	✓ <sup>(1)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✗
CYCLONIC AIR AND PARTICLE SEPARATOR	✓	✓	✓	✓	✓	✓	✓	✓
BeSMART COMPATIBLE	✓	✓	✓	✓	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	✓ <sup>(5)</sup>	✗
BUILT-IN FILLING LOOP	✓	✓	✓	✗	✗	✗	✗	✗
PRE-HEATED HOT WATER	✓	✓	✓	✓	✗	✗	✗	✗
PRE-FIXING JIG	✓	✓	✗	✗	✗	✗	✗	✗
FULL HOT WATER FLAME MODULATION +/- 1°C MAX FLUCTUATION	✓	✓	✓	✓	✗	✗	✗	✗
AUTOMATIC BY-PASS	✓	✓	✓	✓	✗	✓	✓	✗
DIGITAL DIAGNOSTIC CODE DISPLAY	✓	✓	✓	✓	✓	✓	✓	✓
HIGH EFFICIENCY AIR/GAS MODULATION SYSTEM	✓	✓	✓	✓	✓	✓	✓	✓
WEATHER COMPENSATION CONTROL OPTION	✓ <sup>(3)</sup>	✓	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✗
COMPARTMENT VENTILATION NOT REQUIRED	✓	✓	✓	✓	✓	✓	✓	✓
BUILT-IN FROST PROTECTION	✓	✓	✓	✓	✓	✓	✓	✓
LPG MODEL / CONVERSION KIT AVAILABLE	✓	✓	✓	✓	✓	✓	✓	✓
ANTI SEIZE FUNCTION	✓	✓	✓	✓	✓	✓	✓	✓
'ANTI CYCLE' HEATING CONTROL	✓	✓	✓	✓	✓	✓	✓	✓
ELECTRICAL INSULATION TO IPXSD	✓	✓	✓	✓	✓	✓	✓	✓
FAULT DIAGNOSTIC DISPLAY	✓	✓	✓	✓	✓	✓	✓	✓
TELESCOPIC FLUE SYSTEM	✓	✓	✓	✓	✓	✓	✓	✓
TWIN FLUE SYSTEM	✓	✓	✓	✓	✓	✓	✓	✓
VERTICAL FLUE OPTION	✓	✓	✓	✓	✓	✓	✓	✓
REAR FLUE OPTION	✗	✓	✓	✓	✗	✓	✓	✓ <sup>(4)</sup>
COMBUSTION ANALYSIS FUNCTION	✓	✓	✓	✓	✓	✓	✓	✓
ELECTRONIC BURNER IGNITION	✓	✓	✓	✓	✓	✓	✓	✓
PIPE SPACE THROUGH BACK OF BOILER	OPT	OPT	OPT	OPT	✗	OPT	OPT	N/A

(1) Tyco connection on OpenTherm and Unica i. (2) Contact Vokèra Technical Support for advice. (3) Weather compensation control supplied as standard. (4) Mynute 15VHE only. (5) Can be used on heating only applications – contact Vokèra Technical Support for advice.

# Flue options

## Terminal positions

\* Term 'opening' includes window, air brick etc  
 \*\* Minimum clearance ensures the boiler works safely, however consideration should be made for nuisance factor.



### FLUE EXIT CLEARANCES

FLUE EXITS		MINIMUM DISTANCE
A	BELOW AN OPENING*	300MM
B	ABOVE AN OPENING*	300MM
C	TO THE SIDE OF AN OPENING*	300MM
D	BELOW GUTTERS, DRAIN PIPE ETC	25MM
E	BELOW EAVES	25MM
F	BELOW BALCONY, CARPORT ROOF ETC	25MM
G	TO SIDE OF A VERTICAL SOIL/DRAIN PIPE ETC	25MM (60MM FOR 80/125 FLUE)
H	FROM INTERNAL OR EXTERNAL CORNER OR BOUNDARY	25MM (60MM FOR 80/125 FLUE)
I	ABOVE GROUND, ROOF OR BALCONY LEVEL	300MM
J	FROM A SURFACE OR BOUNDARY FACING A TERMINAL	600MM**
K	FROM A TERMINAL FACING A TERMINAL	1200MM
L	FROM AN OPENING IN THE CARPORT INTO THE BUILDING	1200MM
M	VERTICALLY FROM A TERMINAL ON THE SAME WALL	1500MM
N	HORIZONTALLY FROM A TERMINAL ON THE SAME WALL	300MM
P	FROM A STRUCTURE TO THE SIDE OF A VERTICAL TERMINAL	300MM
Q	FROM THE TOP OF A VERTICAL TERMINAL TO THE ROOF FLASHING	AS DETERMINED BY FIXED COLLAR OF VERTICAL TERMINAL
R	TO THE SIDE OF A BOUNDARY	300MM
S	TO THE SIDE OF AN OPENING* / WINDOW ON A PITCHED ROOF	600MM
T	BELOW AN OPENING* / WINDOW ON A PITCHED ROOF	2000MM
V	FROM A VERTICAL TERMINAL TO AN ADJACENT OPENING*	CALL VOKÈRA TECHNICAL SUPPORT FOR ADVICE
W	FROM A VERTICAL TERMINAL TO AN ADJACENT VERTICAL TERMINAL	300MM (ONLY IF BOTH TERMINALS ARE SAME HEIGHT)

Flue systems and terminal locations should be located and installed in accordance with current Building Regulations (UK) or I.S. 813 (ROI).

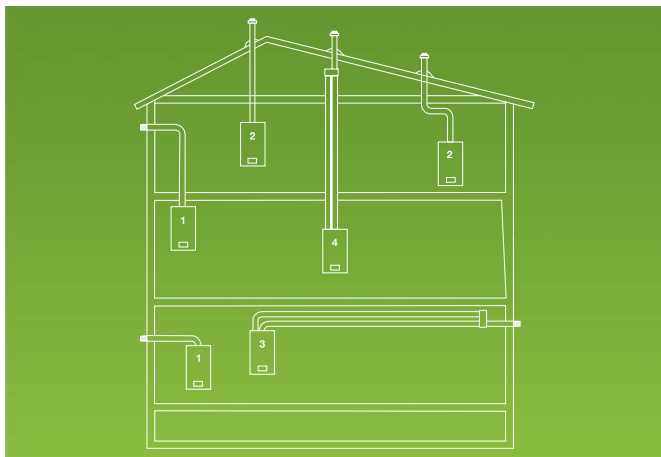
The terminal should be located where the dispersal of combustion products is not impeded and with due regard for the damage and/or discolouration that may occur to building products located nearby.

The terminal must not be located in a place where it is likely to cause a nuisance. Water vapour may condense on leaving the terminal. The effect of such plumeing must be considered.

# Flue options

## Installation options

The flue system installation options as detailed below are not generic for all concentric flues. Please see the boiler and flue compatibility tables for information on specific appliances suitability with the different concentric flue systems.



### Flue system options

CONFIGURATION	DESCRIPTION	COMPATIBLE WITH
1	HORIZONTAL CONCENTRIC	ALL APPLIANCES
2	VERTICAL CONCENTRIC	ALL APPLIANCES
3	HORIZONTAL PARALLEL SYSTEM	ALL APPLIANCES
4	VERTICAL PARALLEL SYSTEM	ALL APPLIANCES

*N.B. A boiler top adaptor/kit is required when using the 80/125mm concentric and 80mm parallel systems.*

Also available is the 80mm flexible PP flue system range consisting of Polypropylene components and a flexible Polypropylene liner. A full range of flue components and accessories to facilitate different flue requirements are available.

The flexible PP flue system is suitable for multiple applications and is for use with high efficiency appliances, including the Linea One, Unica i, Vision combi and system boilers, Mynute i, Mynute VHE and Compact A.

The range includes several different connectors that enable flexible PP to be connected to rigid PP / flexible PP to flexible PP when off-cuts may be required to be joined together.

The 80mm + 80mm parallel (twin) system enables greater flue lengths to be achieved and can be used in either a horizontal or vertical configuration. However the parallel system must be converted back to a concentric system at the point of termination. Dedicated flue kits are available for this purpose.

An adaptor kit is required to convert the appliance flue outlet from a concentric configuration into a parallel configuration.

When used in the horizontal plane, the flue system should be installed so that it has a 1° minimum fall back to the boiler. This will enable any condensate fluid that may form, to drain via the condensate connection / trap.

The exhaust pipe can reach very high temperatures and so must be adequately protected to avoid contact with persons and / or materials that could be damaged as a result.

The air inlet pipe should be insulated to reduce the possibility of condense forming on the outside of the pipe.

Vokèra can advise that the Gas Safe Technical Bulletin, TB 008 ed2.1, gives specific advice on the requirements for new installations with a flue routed within a void, where appropriate means for the gas engineer to visually check the flue must be incorporated (this is normally achieved by inspection hatches located in the ceiling).

### 80mm parallel (twin) flue systems

CODE	
430	ADAPTOR KIT FOR ALL CONDENSING BOILERS
0225805	HORIZONTAL TERMINAL & CONVERTOR BOX
0225810	VERTICAL TERMINAL & CONVERTOR BOX
0225820	250MM EXTENSION (PAIR)
0225825	500MM EXTENSION (PAIR)
0225830	1000MM EXTENSION (PAIR)
0225835	2000MM EXTENSION (PAIR)
0225840	45° BEND (PAIR)
0225845	90° BEND (PAIR)
0225850	DOUBLE PIPE BRACKET 80MM X 80MM (5 OFF)
0225855	SINGLE PIPE BRACKET 80MM (5 OFF)
0225765	FLAT ROOF FLASHING PLATE (390MM DIAMETER)
310	ADAPTOR KIT FOR AQUANOVA
29450178*	CONDENSE TRAP KIT FOR AQUANOVA
29450176	VERTICAL COLLECTOR FOR AQUANOVA
29450177	HORIZONTAL COLLECTOR FOR AQUANOVA

*\*When ordering this product you will need to also order either the 29450176 or 29450177, depending on your installation requirements.*

For further information and advice please contact

Vokèra Technical Support on **0844 391 0999 (option 4)**.

## Boiler and flue compatibility

### 60/100 concentric flue range

The 60/100 condensing range is suitable for all current Vokèra high efficiency (condensing) appliances. A flue kit adaptor is required to use the 60/100 concentric flue on the Verve domestic heat only boiler.

When used in the horizontal plane, the flue system (excluding horizontal terminal) should be installed so that it has a 1° to 3° fall-back to the boiler (17mm – 51mm per metre). This will enable any condensate fluid that may form, to drain via the condensate connection/trap.

It can also be used as a replacement flue system on older / obsolete Vokèra HE appliances, however you should contact the Vokèra Technical Support for specific advice.

#### 60/100mm concentric flue systems

CODE	FEATURE	LINEA ONE	UNICA I	VISION COMBI	COMPACTA	VERVE	MYNUTE i	VISION SYSTEM	MYNUTE VHE
29450121	TELESCOPIC HORIZONTAL FLUE TERMINAL	✓	✓	✓	✓	✓	✓	✓	✓
29450120	HORIZONTAL FLUE TERMINAL	✓	✓	✓	✓	✓	✓	✓	✓
522	PLUME MANAGEMENT KIT	✗ <sup>(1)</sup>	✓	✓	✗ <sup>(1)</sup>	✗	✓	✓	✓
29450131	PLUME MANAGEMENT KIT EXTENSION	✗ <sup>(1)</sup>	✓	✓	✗ <sup>(1)</sup>	✗	✓	✓	✓
29450123	90° BEND	✓	✓	✓	✓	✓	✓	✓	✓
29450124	45° BEND (PAIR)	✓	✓	✓	✓	✓	✓	✓	✓
29450125	500MM EXTENSION	✓	✓	✓	✓	✓	✓	✓	✓
29450126	1000MM EXTENSION	✓	✓	✓	✓	✓	✓	✓	✓
29450127	2000MM EXTENSION	✓	✓	✓	✓	✗	✓	✓	✓
29450128	TELESCOPIC EXTENSION	✓	✓	✓	✓	✓	✓	✓	✓
529	WALL BRACKETS (5 X 100MM)	✓	✓	✓	✓	✓	✓	✓	✓
29450122	VERTICAL FLUE TERMINAL	✓	✓	✓	✓	✓	✓	✓	✓
531	PITCHED ROOF FLASHING PLATE	✓	✓	✓	✓	✓	✓	✓	✓
532	FLAT ROOF FLASHING PLATE	✓	✓	✓	✓	✓	✓	✓	✓
29450133	TELESCOPIC REAR FLUE	✗	✓	✓	✓	✗	✓	✓	3 <sup>(2)</sup>
534 <sup>(3)</sup>	BRICK RED NOSE CONE	✓	✓	✓	✓	✓	✓	✓	✓
535 <sup>(3)</sup>	BEIGE NOSE CONE	✓	✓	✓	✓	✓	✓	✓	✓
29450130	WHITE NOSE CONE	✓	✓	✓	✓	✓	✓	✓	✓
487	45° PLUME DIVERTER	✓	✓	✓	✓	✓	✓	✓	✓
20028027	FLUE KIT ADAPTOR FOR VERVE	✗	✗	✗	✗	✓	✗	✗	✗

(1) Contact Vokèra Technical Support for advice. (2) 15kW output only.  
(3) Available as special order only. Minimum order quantities apply.



White nose cone  
60/100mm concentric flue  
Code: 29450130



Telescopic horizontal flue terminal  
60/100mm concentric flue  
Code: 29450121



45° plume diverter  
60/100mm concentric flue  
Code: 487



Plume management kit  
60/100mm concentric flue  
Code: 522

## Boiler and flue compatibility

### 80/125 concentric flue range

The 80/125 condensing range can be utilised only with certain appliances. A flue kit adaptor is required to use the 80/125 concentric flue on the Verve domestic heat only boiler. An adaptor is also required for other appliances to convert the flue outlet from 100mm to 125mm.

When used in the horizontal plane, the flue system (excluding horizontal terminal) should be installed so that it has a 1° to 3° fall-back to the boiler (17mm - 51mm per metre). This will enable any condensate fluid that may form, to drain via the condensate connection/trap.

#### 80/125mm concentric flue systems

CODE	FEATURE	LINEA ONE	UNICA i	VISION COMBI	COMPACTA	VERVE	MYNUTE i	VISION SYSTEM	MYNUTE VHE
413	HORIZONTAL TERMINAL	✓	✓	✓	✓	✓	✓	✓	✓
414	VERTICAL TERMINAL	✓	✓	✓	✓	✓	✓	✓	✓
415	90° BEND	✓	✓	✓	✓	✓	✓	✓	✓
416	45° BEND (SINGLE)	✓	✓	✓	✓	✓	✓	✓	✓
417 <sup>(1)</sup>	250MM EXTENSION	✓	✓	✓	✓	✓	✓	✓	✓
418	500MM EXTENSION	✓	✓	✓	✓	✓	✓	✓	✓
419	1000MM EXTENSION	✓	✓	✓	✓	✓	✓	✓	✓
420	2000MM EXTENSION	✓	✓	✓	✓	✓	✓	✓	✓
422 <sup>(1)</sup>	TELESCOPIC EXTENSION	✓	✓	✓	✓	✓	✓	✓	✓
423	WALL BRACKETS (5 X 125MM)	✓	✓	✓	✓	✓	✓	✓	✓
424	BOILER TOP ADAPTOR FOR HE APPLIANCES	✓	✓	✓	✓	✗	✓	✓	✓
425 <sup>(1)</sup>	FIXED OFFSET	✓	✓	✓	✓	✓	✓	✓	✓
426	SILICON LUBRICANT	✓	✓	✓	✓	✓	✓	✓	✓
532	FLAT ROOF FLASHING PLATE	✓	✓	✓	✓	✓	✓	✓	✓
531	PITCHED ROOF FLASHING PLATE	✓	✓	✓	✓	✓	✓	✓	✓
20028029	FLUE KIT ADAPTOR FOR VERVE	✗	✗	✗	✗	✓	✗	✗	✗

*(1) Available by special order.*



90° bend / 45° bend  
80/125mm concentric flue  
Code: 415 / 416



500 / 1000 / 2000mm extension  
80/125mm concentric flue  
Code: 418 / 419 / 420



Pitched roof flashing plate  
80/125mm concentric flue  
Code: 532



Flat roof flashing plate  
80/125mm concentric flue  
Code: 531

## Choosing the right control

### Intelligent controls

#### Maximise energy and fuel savings

With the introduction of condensing technology, boilers have continued to increase in efficiency with most current appliances able to reach over 90% efficiency. However, the technology within boilers is now so advanced that, even with future developments, there is little chance of boiler efficiency percentages increasing much further.

The one area that can still help maximise the efficiency and overall performance of the boiler is the correct use of a control. Even with average efficiencies now reaching over 90%, this can be increased by a further 2%, with the simple addition of an outside weather compensation sensor for example.

#### Choosing the right control

There are a number of different controls available so establishing the most suitable one for your heating requirements may be confusing. Vokèra provide a range of controls that can be used with combi and system boilers, including: room thermostats, programmable room thermostats and the Vokèra BeSMART range that incorporates the most advanced technology available, such as weather compensation and OpenTherm.

The Vokèra Vision combi boilers come with a built-in 7 day digital clock which enables different settings for each day of the week. Additional controls can be added to a Vision combi if it needs to be sited in a difficult to access location or for energy saving purposes.

#### Vokera BeSMART & Controls course

This course can help you understand the principles of combustion and the fundamentals of how control technology can work in conjunction with boiler operation. The course covers the range of Vokèra intelligent and basic controls as well as the new BeSMART Internet enabled thermostat. The course explains how to connect and install the BeSMART as well as the possibilities of remote room temperature, zoning and boiler control and operation.

#### Course Covers:

- Principles of combustion, modulation and boiler operation
- System and radiator design considerations
- Appraisal of existing systems
- Customer considerations
- Hands on training on how to connect Vokèra controls (including BeSMART OpenTherm and weather compensation) to Vokèra boilers.

To book your place on the controls course please call our training co-ordinator on 01727 744002 or email [training@vokera.co.uk](mailto:training@vokera.co.uk)

### Controls Compatibility

CODE	FEATURE	LINEA ONE	UNICA i	VISION COMBI	COMPACT A	VERVE	MYNUTE i	VISION SYSTEM	MYNUTE VHE
20050690	711 OPENTHERM RF PROGRAMMABLE ROOM STAT	✓ <sup>(1)</sup>	✓	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✗
2359259	OUTSIDE WEATHER COMPENSATION SENSOR	✓ <sup>(4)</sup>	✓	✓ <sup>(3)</sup>	✓ <sup>(3)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✗
20111860	STANDARD BESMART WI-FI KIT	✓	✓	✓	✓	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✗
20101743	7 DAY RF PROGRAMMABLE ROOM THERMOSTAT	✓	✓ <sup>(5)</sup>	✓	✓	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>
20063874	7 DAY RF PROGRAMMABLE ROOM THERMOSTAT (HARD-WIRED)	✓	✓	✓	✓	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>
20059642	RF ROOM THERMOSTAT CONTROL	✓	✓	✓	✓	✓	✓	✓	✓
20025085	COMPACT A 24 HOUR ANALOGUE CLOCK KIT <sup>(6)</sup>	✓	✓	✓	✓	✓	✓	✓	✓

(1) Requires wiring kit – code 1221179 - contact Vokèra Technical Support for advice.  
 (2) Can be used on heating only applications – contact Vokèra Technical Support for advice.  
 (3) Requires control interface – code 29450143 – contact Vokèra Technical Support for advice. The addition of an energy saving control will override any settings that have been programmed into the built-in digital clock on the Vision combi.

(4) Outside weather compensation control is supplied in the box with every Linea One.  
 (5) Wiring needs to be reconfigured – contact Vokèra Technical Support for advice.  
 (6) Compact A 24 hour analogue clock kit includes a pipe cover that the analogue clock is incorporated into.

\* Weather compensation – via physical sensor or internet look up via BeSMART App.

# Choosing the right control

## Providing energy saving solutions

### How can controls improve the ErP efficiency

Differing types of controls are classified according to the 'uplift' in efficiency it brings to the package.

There are eight classes of control system, each adds an efficiency percentage to the boiler seasonal space heating ErP efficiency rating. That is how the package efficiency is calculated. Additional heaters such as a second boiler, heat pump or solar input will also adjust the package efficiency.

**Class I** – On/off room thermostat: A room thermostat that controls the on/off operation of a heater. Performance parameters, including switching differential and room temperature control accuracy are determined by the thermostat's mechanical construction.

**Class II** – Weather compensator control, for use with modulating heaters: A heater flow temperature control that varies the set point of the flow temperature of water leaving the heater dependent upon prevailing outside temperature and selected weather compensation curve. Control is achieved by modulating the output of the heater.

**Class III** – Weather compensator control, for use with on/off output heaters: A heater flow temperature control that varies the set point of the flow temperature of water leaving the heater dependent upon prevailing outside temperature and selected weather compensation curve. Heater flow temperature is varied by controlling the on/off operation of the heater.

*Unica i32 plus class VI controls (BeSMART with OpenTherm and weather compensation – via physical sensor or internet look up) achieves an ErP A+ (98%) space heating package rating.*

**Class IV** – TPI room thermostat, for use with on/off output heaters: An electronic room thermostat that controls both thermostat cycle rate and in-cycle on/off ratio of the heater proportional to room temperature. TPI control strategy reduces mean water temperature, improves room temperature control accuracy and enhances system efficiency.

**Class V** – Modulating room thermostat, for use with modulating heaters: An electronic room thermostat that varies the flow temperature of the water leaving the heater dependent upon measured room temperature deviation from room thermostat set point. Control is achieved by modulating the output of the heater.

**Class VI** – Weather compensator and room sensor, for use with modulating heaters: A heater flow temperature control that varies the flow temperature of water leaving the heater dependent upon prevailing outside temperature and selected weather compensation curve. A room temperature sensor monitors room temperature and adjusts the compensation curve parallel displacement to improve room comfort. Control is achieved by modulating the output of the heater.

**Class VII** – Weather compensator and room sensor, for use with on/off output heaters: A heater flow temperature control that varies the flow temperature of water leaving the heater dependent upon prevailing outside temperature and selected weather compensation curve. A room temperature sensor monitors room temperature and adjusts the compensation curve parallel displacement to improve room comfort. Heater flow temperature is varied by controlling the on/off operation of the heater.

**Class VIII** – Multi-sensor room temperature control, for use with modulating heaters: An electronic control, equipped with three or more room sensors that varies the flow temperature of the water leaving the heater dependent upon the aggregated measured room temperature deviation from room sensor set points. Control is achieved by modulating the output of the heater.

### Controls and ErP classifications

CODE	DESCRIPTION	CLASS I	CLASS II	CLASS III	CLASS IV	CLASS V	CLASS VI	CLASS VII	CLASS VIII
20059642	RF ROOM THERMOSTAT CONTROL	✓	✗	✗	✗	✗	✗	✗	✗
20111860	STANDARD BeSMART WI-FI KIT	✗	✗	✗	✗	✗	✓	✗	✗
20101743	7 DAY RF PROGRAMMABLE ROOM THERMOSTAT	✓	✗	✗	✗	✗	✗	✗	✗
20063874	7 DAY RF PROGRAMMABLE ROOM THERMOSTAT (HARD-WIRED)	✓	✗	✗	✗	✗	✗	✗	✗
20050690	711 OPENTHERM RF PROGRAMMABLE ROOM STAT <sup>(1)</sup>	✗	✗	✗	✗	✓	✗	✗	✗
20050691	711 OPENTHERM RF PROGRAMMABLE ROOM STAT <sup>(2)</sup>	✗	✗	✗	✗	✓	✗	✗	✗
20112080	RF OUTSIDE SENSOR KIT (PHOTOVOLTAIC)	✗	✓	✗	✗	✗	✗	✗	✗
2359259	OUTSIDE WEATHER COMPENSATION SENSOR	✗	✓	✗	✗	✗	✗	✗	✗
PACKAGE/SYSTEM EFFICIENCY LABEL – UPLIFT		1%	2%	1.5%	2%	3%	4%	3.5%	5%

\* Weather compensation – via physical sensor or internet look up via BeSMART App.

(1)White. (2)Black. (3)Photovoltaic.

# BeSMART

## The smarter home heating control

The smarter way for customers to control their home heating from their mobile and save money...



BeSMART is one of the first Internet enabled heating control systems designed so that every home can enjoy the benefits of the BeSMART control. Specifically engineered to compliment the Vokèra boiler range, whilst maintaining compatibility with the majority of residential boilers, it is the ideal replacement for older thermostats.



Control home heating from anywhere, via smartphone, tablet or desktop



Compatible with the majority of boiler brands, not just Vokèra



Manage up to 8 different heating zones from anywhere in the world



Weather compensation adjusts boiler output to reflect ambient climate



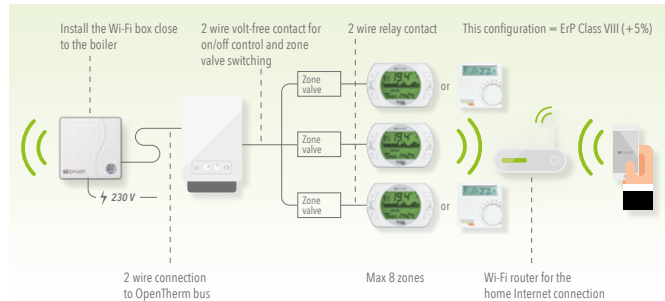
Programme up to 3 comfort levels, suiting mood or pocket



BeSMART alerts both the customer and the Vokèra Service Centre if something goes wrong, minimising disruption

## Typical OpenTherm multi-zone configuration

Programmable Wi-Fi Thermostat for Zone Valve Control and Boiler OpenTherm Connection



### BeSMART ACCESSORIES:

CODE		DESCRIPTION
20111860		<b>STANDARD BESMART WI-FI KIT</b> KIT INCLUDES THE BeSMART THERMOSTAT AND WI-FI BOX AND POWER SUPPLY (ALSO INCLUDES: BATTERIES, BOILER OT WIRING KIT, WALL FIXINGS, ADHESIVE MAGNETIC FIXING STRIP AND INSTRUCTIONS).
20111875		<b>BeSMART THERMOSTAT</b> FOR USE WITH MULTI-ZONE APPLICATIONS - CAN BE COUPLED TO AN EXISTING WI-FI BOX TO ENABLE MULTI-ZONE CONTROL (ALSO INCLUDES: BATTERIES AND WALL FIXINGS).
20101743		<b>RF PROGRAMMABLE ROOM THERMOSTAT</b> FOR USE WITH MULTI-ZONE APPLICATIONS - CAN BE COUPLED TO AN EXISTING WI-FI BOX TO ENABLE MULTI-ZONE CONTROL (ALSO INCLUDES: BATTERIES AND WALL FIXINGS).
20111890		<b>WI-FI BOX</b> ENABLES EXPANSION OR UPGRADE OF EXISTING BeSMART THERMOSTAT THEREBY ENABLING ENHANCED FUNCTIONALITY VIA THE BeSMART APP (ALSO INCLUDES: WALL FIXINGS, MAGNETIC FIXING STRIP, WI-FI BOX POWER SUPPLY AND INSTRUCTIONS).
20112079		<b>BOILER RF RECEIVER</b> PRE-WIRED AND CAN BE USED TO CONFIGURE THE BeSMART THERMOSTAT INTO A STANDARD RF CONTROL; AND CAN ALSO BE USED IN THOSE OCCASIONS WHERE THE BOILER LOCATION HAS A POOR OR ABSENT WI-FI SIGNAL (ALSO INCLUDES: MAGNETIC FIXING STRIP).
20112080		<b>RF OUTSIDE SENSOR KIT (PHOTOVOLTAIC)</b> RF TEMPERATURE SENSOR (PHOTOVOLTAIC) FOR WEATHER COMPENSATION CONTROL. ONLY FOR COMPATIBLE BOILERS. (ALSO INCLUDES: BOILER RECEIVER WITH PRE-WIRED CONNECTOR AND WALL FIXINGS).
20112083		<b>WI-FI ROUTER FOR SIM CARD</b> SIM CARD ROUTER, PLUGS DIRECTLY IN TO A 230V POWER SOCKET TO CREATE A WI-FI NETWORK AND CONNECT BeSMART TO THE INTERNET. IDEAL FOR SECOND HOMES (DATA REQUIRED SIM CARD, NOT INCLUDED).
20112112		<b>WI-FI EXTENDER</b> EXTENDS AND IMPROVES THE WI-FI SIGNAL IN AREAS OF YOUR HOME WHERE THE WI-FI SIGNAL STRENGTH IS POOR OR INADEQUATE.

For more information and technical details please contact Vokèra Technical Support or visit: [www.besmart-home.com](http://www.besmart-home.com)



## Choosing the right control

### Intelligent energy saving controls

#### Outside weather compensation sensor



The outside weather compensation sensor manages the central heating temperature by regulating the boiler flow temperature depending on the external weather conditions, providing a consistent and comfortable room temperature.

Many Vokèra models come with the weather compensation technology built-in, meaning that by simply purchasing the external sensor, the homeowner can benefit from even further energy savings. This sensor is supplied as standard with the Linea One combination boiler.

The weather compensation sensor can also be installed in conjunction with the Vokèra OpenTherm programmable room thermostat which will further enhance energy savings.

#### 711 OpenTherm RF programmable room thermostat

'OpenTherm' is the most advanced control technology; the basic principle of OpenTherm is that it takes over the management of the heating flow temperature and raises or lowers the flow temperature from the boiler in order to maintain the desired room temperature.



By allowing OpenTherm to manage the flow temperature, the efficiency of the appliance is increased as the control constantly endeavours to maintain a low flow temperature.

Condensing boilers are at their peak efficiency when operating at lower flow and return temperatures.



Configured for use with the Unica i combi boiler, the receiver can quickly and easily be connected to the boiler using the Tyco connection socket (pictured left), meaning a Part P qualified electrician is not required to fit it. The Tyco connection can be re-configured or removed to facilitate use with other compatible Vokèra boilers.

## Choosing the right control

### Energy saving controls

Basic room thermostats control the central heating temperature only, whilst programmable room thermostats can have different set temperatures for different periods of the day, offering greater flexibility and a simple solution to boiler control. It is usual to set your thermostat between 18° to 21°C.

#### 7 day RF programmable room thermostat



This on / economy / off programmable room thermostat allows easy control over boiler heating timings and temperatures over a 7 day period. It has been developed to work with our current range of appliances<sup>(1)</sup> and is also compatible with several discontinued products.

RF (wireless) and hard-wired versions are available to ensure a simple installation to both new boilers and as a replacement for existing wired controls. This room thermostat can be configured as a 7 day programmer, a 5+2 day programmer with up to 24 temperature changes a day or as an untimed room thermostat.



Configured for use with the Compact A combi boiler, the receiver can quickly and easily be connected to the boiler using the Tyco connection socket (pictured left), meaning a Part P qualified electrician is not required to fit it.

The Tyco connection can be re-configured or removed to facilitate use with other compatible Vokèra boilers.

#### RF room thermostat control



This on / off room thermostat has similar characteristics to the 7 day RF programmable room thermostat as it can be used to adjust the set room temperature.

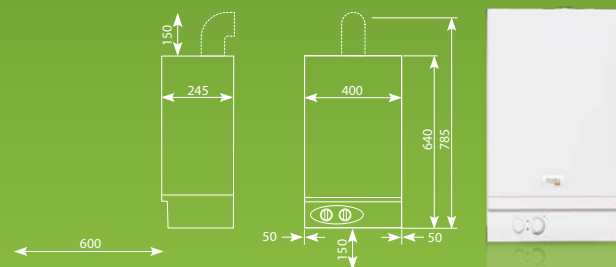
It is ideal for the Vision combi boiler as this optional room thermostat can be installed in a convenient location so that the user can easily adjust their heating temperature, without interfering with any programmed heating timings that have been set on the Vision C boilers built-in 7 day digital clock.

It is also compatible with all the current Vokèra ranges and can be used on older appliances that incorporate an integral clock.<sup>(2)</sup>

Compatible with BeSMART and can be used independently with Wi-Fi Box (20111890) and BeSMART App.

(1) See 'Controls Compatibility' table on p.34. For discontinued product compatibility please contact Vokèra Technical Support. (2) Contact Vokèra Technical Support for advice.

### Dimensions and Clearances (mm)



\*From casing or 25mm above flue elbow (whichever is applicable)

### SPECIFICATIONS

### AQUANOVA

PRODUCT ORDER CODE (NATURAL GAS)	20109286
PRODUCT ORDER CODE (LPG)	20109287
DOMESTIC HOT WATER	
MAXIMUM HEAT INPUT (kW)	28.8
FLOW RATE - 35°C RISE (L/MIN)	11.8
WEIGHT	
DRY WEIGHT (KG)	20
EFFICIENCY	
ErP WATER HEATING EFFICIENCY (XL PROFILE)	A

NB: For every 60/100mm concentric flue 45° and 90° bend deduct 1.5m from flue length. For every twin flue 45° and 90° bend deduct 1m from the flue length.

### FLUE LENGTHS

### AQUANOVA

FLUE DETAILS (CONCENTRIC)	
MAX HORIZONTAL FLUE LENGTH (60/100MM)	2.4M
MAX VERTICAL FLUE LENGTH (60/100MM)	3.6M
FLUE DETAILS (TWIN PIPES)	
MAX HORIZONTAL FLUE LENGTH (80MM/80MM)	5M/5M + TERMINAL
MAX VERTICAL FLUE LENGTH (80MM/80MM)	5M/5M + TERMINAL

### HORIZONTAL AND VERTICAL FLUE OPTIONS (60/100)

COMPONENT	DESCRIPTION	CODE
	TELESCOPIC HORIZ FLUE TERMINAL 417 - 717MM <sup>(2)</sup>	2359119
	HORIZONTAL FLUE TERMINAL	2359029
	90° BEND	2359059
	45° BEND (PAIR)	2359049
	750MM EXTENSION	2359069
	1500MM EXTENSION	2359079
	TELESCOPIC EXTENSION 350MM - 490MM	2359089
	WALL BRACKETS (5 X 100MM)	529
	VERTICAL FLUE TERMINAL	2359039
	PITCHED ROOF FLASHING PLATE	531
	FLAT ROOF FLASHING PLATE	532
	STANDARD JOINT CLIPS	2359179
	LONG JOINT CLIPS 2359169	2359169

For a complete list of flues and accessories, including 80/125 concentric flues and twin flues see page 28.

(1) Subject to registration and annual service. (2) Consider depth of boiler model.



ErP Compliant



2 Year Warranty<sup>(1)</sup>



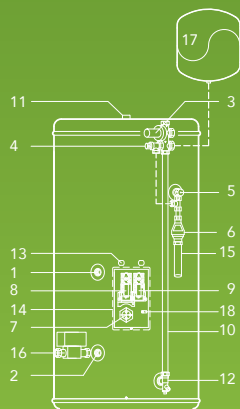
Instant Hot Water



High Flow Rate

# AquaFlow

## Indirect unvented cylinder



### KEY

- 1. Return 3/4" BSP Boiler
- 2. Flow 3/4" BSP Boiler
- 3. Pressure Reducing Valve Multibloc (3 bar)
- 4. Expansion Relief Valve (6 bar)
- 5. Temperature and Pressure Relief Valve
- 6. Tundish
- 7. Immersion Heater
- 8. Immersion Heater Control Thermostat
- 9. Indirect Control Thermostat
- 10. Cold Feed Tube
- 11. Hot Water Outlet 3/4" BSP
- 12. Elbow / Drain Cock
- 13. Cable Entry
- 14. Electrical Box
- 15. Discharge Pipe
- 16. Motorised Valve
- 17. Expansion Vessel
- 18. Clip for Thermostor

SPECIFICATIONS	AQUA FLOW 120SC	AQUA FLOW 150SC	AQUA FLOW 180SC	AQUA FLOW 200SC	AQUA FLOW 250SC	AQUA FLOW 300SC
PRODUCT ORDER CODE	29450020	29450021	29450022	29450023	29450024	29450025
CAPACITY (LITRES)	120	150	180	200	250	300
DIMENSIONS AND WEIGHTS						
HEIGHT (MM)	730	910	1020	1160	1410	1610
DIAMETER (MM)	580	580	580	580	580	580
WEIGHT WHEN FULL (KG)	150	181	212	244	299	347
PERFORMANCE						
COIL RATING (kW)	13.6	17.2	17.3	17.1	16.8	16.5
COIL SURFACE AREA (M <sup>2</sup> )	0.4	0.8	0.8	0.8	0.8	0.8
AVERAGE RECOVERY TIME (MIN)	21.1	24.3	29	33	42	49.5
AVERAGE RECOVERY TIME 70% (MIN)	15	17	20	23	29	35
EFFICIENCY						
ENERGY LOSS (kWh/DAY)	1.08	1.3	1.44	1.59	1.87	2.08
MAX WORKING PRESSURE (BAR)	6	6	6	6	6	6
ErP RATING	B	B	C	C	C	C

(1) Subject to registration, 25 year warranty on tank, 2 year warranty on ancillary components. Pipework shown for illustration purposes only.



ErP Compliant



25 Year Warranty<sup>(1)</sup>



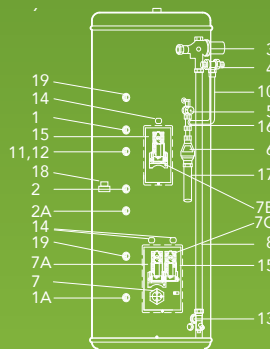
BUILDING & WATER REGULATIONS APPROVED



COMPATIBLE WITH MYNUTE & VISION 5

# AquaFlow Twin

## Twin coil unvented cylinder



### KEY

- 1. Return 3/4" BSP Boiler
- 1A. Return 3/4" BSP Boiler
- 2. Flow 3/4" BSP Boiler
- 2A. Flow 3/4" BSP Boiler
- 3. Pressure Reducing Valve
- 4. Check Expansion Valve
- 5. Temperature and Pressure Relief Valve
- 6. Tundish
- 7. Immersion Heater
- 7A. Immersion Heater Thermostat
- 7. Cold Feed Tube
- 8. Cold Feed Tube
- 9. Hot Water Outlet 22mm
- 10. Flexible Hose
- 11. Secondary Return 1/2 BSPF Fit 1/2" Fx" Mx 15mm Tee Piece
- 12. Commissioning Valve / Fitting (1/2" MI Drain Cock)
- 13. Elbow / Drain Cock
- 14. Cable Entry
- 15. Electrical Box
- 16. Tee Piece
- 17. Discharge Pipe
- 7B. Thermostat Boiler
- 7C. Thermostat Solar
- 19. Solar Sensor Bosses

SPECIFICATIONS	AQUA FLOW 200TC	AQUA FLOW 250TC	AQUA FLOW 300TC
PRODUCT ORDER CODE	29450026	29450027	29450028
CAPACITY (LITRES)	200	250	300
DIMENSIONS AND WEIGHTS			
HEIGHT (MM)	1160	1410	1610
DIAMETER (MM)	580	580	580
WEIGHT WHEN FULL (KG)	245	301	353
PERFORMANCE			
COIL RATING - TOP (kW)	0.4	0.4	0.4
COIL RATING - BOTTOM (kW)	0.8	0.8	0.8
COIL SURFACE AREA - TOP (M <sup>2</sup> )	10.8	11	10.8
COIL SURFACE AREA - BOTTOM (M <sup>2</sup> )	16.1	17.6	17.4
EFFICIENCY			
ENERGY LOSS (kWh/DAY)	1.59	1.87	2.08
MAX WORKING PRESSURE (BAR)	8	8	8
ErP RATING	C	C	C

(1) Subject to registration, 25 year warranty on tank, 2 year warranty on ancillary components. Pipework shown for illustration purposes only.



ErP Compliant



25 Year Warranty<sup>(1)</sup>



BUILDING & WATER REGULATIONS APPROVED



Solar Thermal Compatible



## Vokèra support Technical training

Vokèra technical training delivers real value to Gas Safe Registered engineers. Our technical training focuses on an engineers need to become familiar with the product and to enable quick and simple installation or repair. Our technical training is structured to ensure you cover: the appliance range, installation, operation, wiring, flueing, benchmark, fault finding and commissioning. To attend you must be Gas Safe Registered.\*

For more information or to book a course call **01727 744002** or email [training@vokera.co.uk](mailto:training@vokera.co.uk)

### Vokèra product courses

HIGH EFFICIENCY PRODUCT COURSE	1 DAY
FAULT FINDING PRODUCT COURSE	1 DAY
NEW ENTRANTS COURSE	1 DAY
BeSMART & CONTROLS COURSE	1 DAY
RENEWABLES OVERVIEW PRODUCT COURSE	1 DAY
INDIVIDUAL OR TAILORED WORKSHOPS	1 DAY
CONDEXAPRO PRODUCT COURSE	1 DAY

### Certificated courses

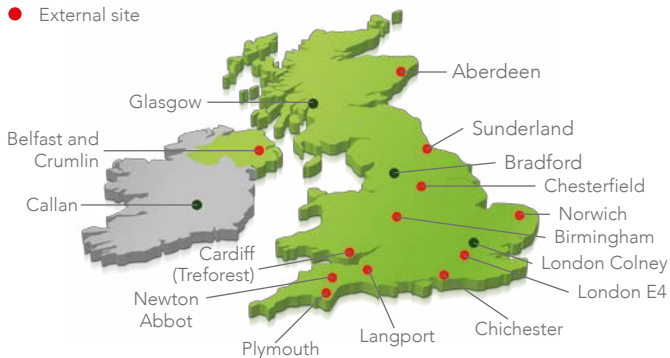


All certificated courses are accredited by LOGIC Certification. Our range of certificated courses, include:

ENERGY EFFICIENCY CERTIFICATE	1 DAY
HOT WATER SYSTEMS AND SAFETY CERTIFICATE	1 DAY

Vokèra offers training nationwide, we have four Vokèra training centres and 12 satellite centres:

- Internal site
- External site



*\*excluding the BeSMART & Controls course.*

## Vokèra support After sales support

### Customer care team – 0844 391 0999 (option 2)

We pride ourselves on providing a first class after sales service with a dedicated customer care centre in the UK and Ireland, supported with 41 factory trained Vokèra field engineers along with 85 service agents, who support every Vokèra installation.

- Every engineer carries a full complement of spare parts to help ensure a high first time fix rate
- Real time data field reports for service contracts
- Full monthly reports can be provided to monitor call outs
- One point of contact to report and discuss service issues
- Full audit trail to track service call

### Technical support – 0844 391 0999 (option 4)

Our fully trained, Gas Safe Registered technical team provides post sales technical help to support the installer.

### Product warranty

As with all domestic gas boilers, an annual service is recommended to maintain optimum performance, efficiency and safety. In addition to a free 2 year, 5 year or 7 year warranty\* (depending on boiler model) we also make a promise to all our customers:-

Our dedicated customer service team and Gas Safe Registered engineers are available 6 days a week to support the needs of every single Vokèra boiler installation. They aim to respond to every call within 48 hours or less, or at a time agreed with the homeowner. They will make every effort to solve any technical problem over the phone, answering quickly, politely and at all times acting in the best interest of our customers.

*\*All warranties are subject to registration and annual servicing.*

### Accreditations and quality assurances

Vokèra is recognised for the quality and reliability of its products. At every stage from research and development, through to production and after sales support, we build quality in as standard.

- BS EN ISO9001:2000 Approved
- Members of CIPHE, IDHEE and HVAC
- Supplier members of the Association of Plumbing and Heating Contractors (APHC)
- Members of the Heating and Hotwater Council (HHIC)
- Support the 'benchmark' initiative
- Registered Gas Safe with our technical support team and trainers all being Gas Safe registered
- Every product is pre-tested at the factory ensuring the highest quality and reliability

## The Vokèra product range

### Renewable products

Vokèra renewable products provide low carbon heating and hot water systems for domestic and commercial applications.

Vokèra are committed to reducing energy consumption and are focused on producing products that minimise impact on the environment. With a wealth of experience in home heating, Vokèra are able to provide the product and the knowledge to ensure a reliable and successful installation. By offering a range of solar thermal collectors and air source heat pumps, Vokèra can supply you with the product you need to make the most of sustainable energy resources, while the experienced Vokèra pre sales team support each project from start to finish. Be it for one home or one hundred, you can trust Vokèra to provide the complete and correct renewable energy system for you.

### Heat pumps

#### Vokèra AriaPRO air source heat pump

Outputs (kW): 4 – 6 – 8 – 12 – 15

The AriaPRO air source heat pumps are ideal for new build and retrofit applications, their minimal installation preparation is making them a popular renewable technology. Utilising ambient air and upgrading it to a more useful temperature between 35° and 60° makes AriaPRO ideal for underfloor heating systems, oversize radiators, DHW and heating swimming pools.

AriaPRO heat pumps have a coefficient of performance of up to 4.2 (1kW of electricity used to generate 4.2kW of heat). It is supplied with a built-in external sensor, supplementary external sensor and remote control to maximise efficiency.

It has an integral expansion vessel (2 litres with the 4, 6 and 8kW and 3 litres with the 12 and 15kW outputs). Its twin rotary compressor managed by PAM and PWM logic control ensures both temperature and efficiency is optimised at all times leading to fuel efficiency, lower noise and improved end user comfort.

- ErP Class A
- Coefficient of performance up to 4.2
- Ideal for new build and retrofit applications
- 2 year warranty<sup>(1)</sup>
- Simple installation with minimum installation preparation
- Ideal for underfloor heating, oversize radiators, DHW and heating swimming pools
- Compatible with the AquaFlow HP



<sup>(1)</sup>Subject to registration

### Solar thermal

The Vokèra Zenith packages enable simple ordering of a complete Zenith system and are compatible with the Vokèra Mynute i, Vision system or Mynute VHE open vent boilers and AquaFlow Twin cylinders.

#### Vokèra Zenith on tile flat plate solar thermal collectors

Zenith on tile collectors provide optimum performance when sited on a south facing roof with an angle of inclination between 35 to 45° or with an east/west facing roof using a split system.



- Ideal for retrofit applications
- Highly selective coating on copper absorber plate for excellent absorption
- Pressurised system for optimum performance
- 4cm rock wool lining ensures excellent heat retention
- MCS approved – demonstrating quality and reliability
- Solar Keymark seal of approval
- ETL registered enabling businesses to claim tax relief
- 10 year warranty<sup>(1)</sup>
- A well installed system has life expectancy of over 20 years
- Full pre and post sales support via Vokèra Pre Sales Advice Team and Technical Team

#### Vokèra Zenith evacuated tube solar thermal collectors



Zenith evacuated tube collectors provide improved efficiency, making them a more viable option where the installation position falls outside of the ideal positioning for flat plate collectors. Also Evacuated tube collectors provide greater efficiency due to the vacuum within the glass tubes enabling them to retain absorbed heat for longer.

- Ideal for new build and retrofit applications
- Highly selective coating on copper absorber plate within each tube for excellent absorption
- Pressurised system for optimum performance
- Greater application flexibility and efficiency
- MCS approved – demonstrating the quality and reliability
- Solar Keymark seal of approval
- ETL registered enabling businesses to claim tax relief
- 2 year warranty<sup>(1)</sup>
- Full pre and post sales support via Vokèra Pre Sales Advice Team and Technical Team

<sup>(1)</sup>Subject to registration

## The Vokèra product offer

### Commercial products

Vokèra specialises in the domestic and commercial heating and hot water market and provides products that fulfil most modern requirements. Complementing the Vokèra domestic boiler portfolio, presented in this guide, Vokèra also offer a comprehensive commercial boiler range and renewables portfolio.

#### CondexaPRO commercial boilers



- Stand alone and cascade applications
- Wall mounted, free standing and back to back installation options
- Internal and external box units

#### CondexaPRO Box commercial units



- CondexaPRO Box commercial units
- Stand alone and cascade applications
- Internal and external box units
- Cascade applications up to 6.9MW



For more information on the above products visit our website or request the relevant catalogue by emailing us at [marketing@vokera.co.uk](mailto:marketing@vokera.co.uk)

## How to contact us



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[www.vokeraaffinity.co.uk](http://www.vokeraaffinity.co.uk)  
[www.vokeraaffinity.ie](http://www.vokeraaffinity.ie)

## Useful contacts

Gas Safe Register  
Tel: 0800 408 5577  
Web: [www.gassaferegister.co.uk](http://www.gassaferegister.co.uk)



Register of Gas Installers of Ireland  
Tel: (+353) 01 499 7998  
Web: [www.rgii.ie](http://www.rgii.ie)



Heating and Hot Water Information Council  
Tel: 01926 513777  
Web: [www.centralheating.co.uk](http://www.centralheating.co.uk)



Benchmark  
Tel: 01926 513777  
Web: [www.centralheating.co.uk](http://www.centralheating.co.uk)



Chartered Institute of Plumbing and Heating Engineering (CIPHE)  
Tel: 01708 472791  
Web: [www.ciphe.org.uk](http://www.ciphe.org.uk)



Association of Plumbing & Heating Contractors  
Tel: 0121 711 5030  
Web: [www.aphc.co.uk](http://www.aphc.co.uk)





It's all about

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VokèraApp

If you are a gas installer registered with either Gas Safe Register (UK) or RGII (ROI) then you really should become a member of Vokèra Affinity.

Now, with just one simple online registration you can register your product installation with Vokèra to receive **FREE Gas Safe notification (UK only)\*, extended warranty activation**, automated reward points to redeem against a host of rewards, FREE and discounted training, access to spares and stockists and much more.

**Not yet a member? Sign up today!**



In the UK scan or visit  
[www.vokeraaffinity.co.uk](http://www.vokeraaffinity.co.uk)



In Ireland scan or visit  
[www.vokeraaffinity.ie](http://www.vokeraaffinity.ie)

\* In ROI, boiler installation registration with RGII must be carried out in the usual way. Vouchers are available as a reward item within Affinity, which can be used towards the cost of RGII forms for certification – saving you money!

## VokèraApp

FOR THE INSTALLER ON THE GO

The VokèraApp provides a gateway to Vokèra Affinity and a host of support material:

- Affinity member area
- Mobile access to literature
- Boiler spares & accessory listings
- Stockist locator
- Promotions
- Technical and customer support



If you don't have a QR code reader, search "Vokera" on Google play or the App store.







Domestic  
Gas Boilers



Commercial  
Gas Boilers



Solar Thermal



Heat Pumps



Water Heating



Smart  
Controls



Spares &  
Accessories



Service

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Issue 12/16/NM