

# ALTEAS ONE NET



The Alteas ONE Net has a new ultra-premium feel with a beautiful black finish. The Alteas ONE Net has Wi-Fi embedded and comes ready for connection to the Ariston NET smartphone app.

- / **XTRATECH™** stainless steel heat exchanger
- / 12 year warranty
- / Built-in Wi-Fi & digital timer programming
- / 'A+' ErP rated for optimum energy efficiency with supplied controls
- / Cube RF and receiver included in the box
- / Boiler Plus ready out of the box
- / Ariston Net ready out of the box for smartphone control
- / Low NOx ratings (from 33mg/kWh)
- / Premium Ultrasafe glass panel
- / Combustion Control System (Allows boiler to operate from mains gas or LPG)
- / Built-in Internet Weather function
- / 1:10 modulation ratio
- / Digital pressure gauge, touch buttons and sleek design
- / Quiet operation starting at 51dB
- / Lightweight unit starting at 35kg
- / High domestic hot water flow rates
- / 'Auto' function technology
- / Comfort function

## ENERGY RATING



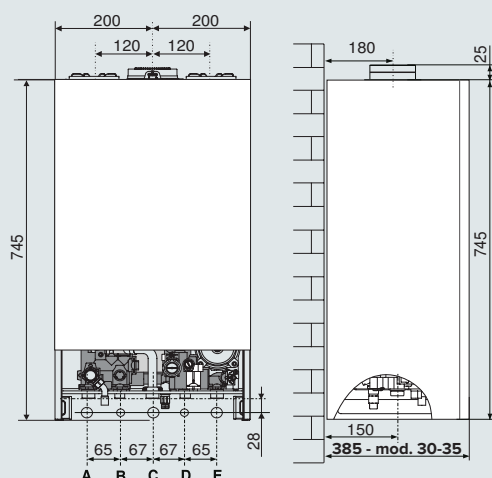
## New XtraTech™ stainless steel heat exchanger



PERFORMANCE  
CERTIFIED BY THE  
TÜV RHEINLAND  
GROUP



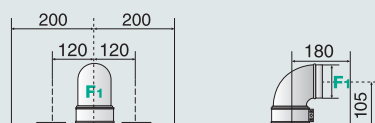
**CUBE RF**  
MODULATING  
ROOM SENSOR



### LEGEND

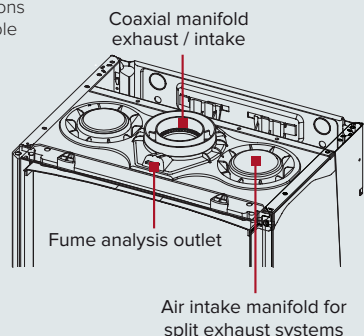
- A \ Central heating flow
- B \ Domestic hot water outlet
- C \ Gas inlet
- D \ Domestic cold water inlet
- E \ Central heating return



COMPATIBLE WITH  
ARISTON NETENERGY  
EFFICIENTCOMPACT  
SIZECOMFORT  
FUNCTIONSMART  
MENUITALIAN  
DESIGNSYSTEM  
MANAGEMENTAUTO  
FUNCTIONEASY  
INSTALLATIONEASY  
MAINTENANCE**Coaxial flue**

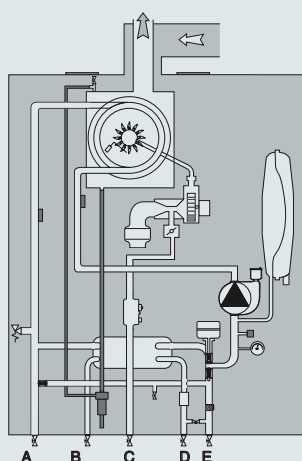
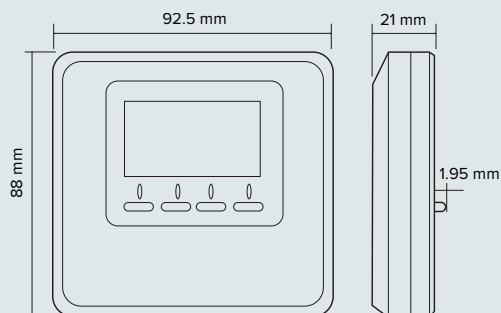
Maximum flue length:  
 Ø60/100: up to 7m (30) - 6m (35)  
 Ø80/125: up to 20m (30) - 24m (35)

Twin flue  
 configurations  
 also possible



Air intake manifold for  
 split exhaust systems

Please see installation manual for full details

**Hydraulic scheme****Cube RF (included in the box)****TECHNICAL DATA****Alteas ONE Net**

		30	35
<b>Efficiency</b>			
ERP rating - heating/DHW	Rating	A/A	A/A
ERP data - seasonal space heating efficiency	%	94	94
ERP data - noise level	dB	51	51
ERP data - tapping profile	-	XL	XXL
SEDBUK UK rating	Band	A	A
SAP efficiency 2005	%	90.4	90.1
SAP efficiency 2009/2012	%	89.4	89.3

**Power & Performance**

DHW flow rate $\Delta T$ @ 35°C	l/min	12.3	14.1
Heat output max (CH)	kW	28	31
Heat output max (DHW)	kW	30	35
Min/Max heating temperature (high temp. range)	°C	35/82	35/82
Min/Max heating temperature (low temp. range)	°C	20/45	20/45
DHW temperature min/max	°C	36/60	36/60

**Characteristics**

Minimum ambient temperature	°C	+5	+5
DHW minimum flow rate	l/min	2	2
DHW pressure - min/max	bar	0.2/7.0	0.2/7.0
Built-in expansion vessel capacity	l	8	8
Servicing clearances - top/front/bottom	mm	300/450/250	300/450/250
Servicing clearances - left/right	mm	5/5	5/5
Weight	kg	35.3	37.6
NOx mg/kWh	mh/kWh	33	35
Dimensions HH x WW x DD	mm	745 x 400 x 385	745 x 400 x 385

**Electrical Data**

Electrical supply	V/Hz	230V - 50 Hz	230V - 50 Hz
Protection grade of electrical system	IP	X5D	X5D

**Product Codes**

3301449 3301450

**TECHNICAL DATA****Cube RF****Characteristics**

Supplier name	ARISTON
Supplier identification model	Room Sensor
Temperature control class	V
Energy efficiency contribution (%) for space heating	3%

**When the "Internet Weather" function is enabled:**

Temperature control class	VI
Energy efficiency contribution (%) for space heating	4%

**FLUES****Code****Premium Silver Flues available with this boiler:**

Horizontal Coaxial Kit (Silver)	3319163
Coaxial Extension - 1000mm (Silver)	3319164
Coaxial Extension - 500mm (Silver)	3319165
90° Coaxial Elbow (Silver)	3319166
Vertical Starter (Silver)	3319167
45° Coaxial Elbow (Pack of 2) (Silver)	3319168