Quinta Ace 30
technical data sheet.

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This is a quick reference technical data sheet, full details can be found within the Quinta ACE 30 - 115 installation and user manual 7684359 - v.06 - 10012019 via **remeha.co.uk**

Overview	
Model: Quinta Ace 30	CE ID No: 0063CS3928
Rated Output (80/60°C)	29.8 kW
Rated Output (50/30°C)	30.9 kW
Weight (dry) (without packaging)	50 kgs
Overall Dim WxHxD	500x750x500 mm
No of sections:	One piece casting
SBEM Seasonal Efficiency %: GCV(1)	97.62
Efficiency - Full Load 100%: NCV(4)	99.4
Efficiency - Part Load 30%: NCV(5)	110.4
Stand-by Heat Loss:	0.101 kW

Burner type pre mix	
Standard Fuel Available	Natural Gas
Fuel Consumption (max) NG	3.2 m³/h
Fuel Consumption (max) LPG	1.2 m³/h
Flame Protection	Ionisation
Ignition	Electronic
Acoustic level at 1 metre	38.3 dB(A)
Optional Fuel (*)	Propane
Gas Connection size BSP	3/4" (M)
Min/Max Gas pressure - NG	17-25 mbar
Min/Max Gas pressure - LPG	37-50 mbar
NOx Annual Emissions EN15502 - NG	33 mg/kWh (dry, 0% O_2)-Class 6
NOx BREEAM Annual Emissions - NG	22 mg/kWh(dry,0% O_2)-Class 6

Concentric flue/air inlet	
Flue diameter I/D	80 mm
Air inlet diameter I/D	125 mm
Mass flue gas flow rate	14-50 kg/hr
Flue gas temperature	30-65 °C
Maximum counter pressure	70 Pa

Erp Data: ^Energy Label / ^^Eco Design	
Seasonal Space Efficiency %(2)	94
Energy Efficiency Class(2)	A
Sound Power Levels Lwa	46 dB^ (indoors)
Annual Energy Consumption	91 Gj
Useful Efficiency - Full Load (GCV)%(3)	89.6^
Useful Efficiency - Part Load (GCV)%(3)	99.5^

Hydraulics	
Water contents	4.3 ltrs
Resistance @ 11°C	231 mbar
Resistance @ 20°C	70 mbar
Nominal Flow Rate @ 11°C	0.65 l/s
Nominal Flow Rate @ 20°C	0.36 l/s
Condensate Connection	3/4" OD
Flow Connection Size BSP	1 1/4"(M)
Return Connection Size BSP	1 1/4"(M)
Standard Operating Temp.	20-90 °C (**)
Maximum Operating Temp.	90 °C (**)
High Limit Set Point	110 °C (**)
Maximum operating pressure	4 bar
Minimum operating pressure	0.08 bar
Minimum operating pressure	0.3 bar (open vent)

Electrical	
Power Supply	230v - 1ph - 50hz
Start Current	1.8 amps
Power Consumption	19 - 40 W
Modulating input	0-10 v dc
Fuse Rating	2.5 amps
Controls Voltage	23 v (max 4va)
Insulation Class IP	X4D

Standard –
– On/Off, 0-10v dc, Open Therm, R-Bus
– High limit protection and low water protection
– Volt free common alarm and boiler run indication
– Manual Override
– Hot water priority facility (3 way valve or pump)
–Two Safety Interlocks
–Hours run indication
–Flue - concentric connection (***) (#)

Optional –
– Optimising compensator for single and multiple boilers
– Cascade kits - multiple boiler pipework kits
–Low loss headers
– Outside sensor for simple weather compensation
– Hot water priority kits (QA 30 - 115 only) Pump or valve kits
– Relay kits for single and multiple controls 230v switching relay required

1) In accordance with the Non Domestic Building Services Compliance Guide 2013 Edition- For use in England
(2) In accordance with EU 811 & 812 / 2013 Energy Labeling Regulations
(3) In accordance with EU 813 & 814 / 2013 Eco Design Regulations
(4) @ 80/60 °C Nett (EN 92/

(*) See installation and service manual
(**) Open vented option maximum operating temperature 75°C high limit 95°C
(***) For conventional or room sealed operation
(#) Flue adaptor available for CLV systems

GAR (EU) 2016/426
BED 92/42/EEC

EMC 2014/30/EU

LVD 2014/35/EU
ErP 2009/125/EC