

# QUINTA<sup>+</sup> ACE 135

TECHNICAL  
SPECIFICATION  
SHEET

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This is a quick reference specification sheet, full details can be found in the Quinta Ace installation/service guide via

[www.remeha.co.uk/product-documents/literature](http://www.remeha.co.uk/product-documents/literature)

## OVERVIEW

MODEL : Quinta Ace 135	CE ID No. PIN 0063CQ3781
Rated Output kW (80/60°C)	128.1
Rated Output kW (50/30°C)	136.1
Weight (dry) kgs	147
Overall Dim WxHxD mm	600x1045x602
No of sections :	One piece casting
SBEM Seasonal Efficiency %: GCV <sup>(1)</sup>	96.12
Efficiency -Full Load 100%: NCV <sup>(3)</sup>	97.8
Efficiency -Part Load 30%: NCV <sup>(4)</sup>	108.8
Stand-by Heat Loss kW :	0.191

## BURNER TYPE PRE MIX

Std Fuel Available	Natural Gas
Fuel Consumption M <sup>3</sup> /h	13.9 NG max
Fuel Consumption M <sup>3</sup> /h	5.3 LPG max
Flame Protection	Ionisation
Ignition	Electronic
Noise level dB(A) at 1 metre	59.5
Optional Fuel	LPG
LGP adjustment (*)	N/A
Gas Connection size BSP	1" (M)
Min/Max Gas pressure mbar	17 - 25 NG
Min/Max Gas pressure mbar	37 - 50 LPG
NOx (Dry, 0% O <sub>2</sub> ) NCV - EN15502	24 Mg/kWh

## FLUE/AIR INLET

Flue diameter mm I/D	100
Air inlet diameter mm I/D	150
Mass flue gas flow rate kg/hr	233 (max)
Flue gas temperature °C	32 - 63
Maximum counter pressure PA	200

STANDARD - On/Off, 0-10v dc, Open Therm, High limit protection, Low water protection  
Volt free common alarm and boiler run indication  
Manual o/ride  
Safety Interlocks  
Hours run indication

OPTIONAL - Optimising / Compensator  
Cascade kits  
Low loss headers  
Outside sensor  
Multiple boiler pipework kits  
For simple weather compensation  
Pump or valve kits

## ERP DATA - ECO DESIGN

Useful Efficiency -Full Load (GCV)% <sup>(2)</sup>	88.1
Useful Efficiency -Part Load (GCV)% <sup>(2)</sup>	98.0
Sound Power Levels L <sub>wa</sub> Indoors dB	68

## HYDRAULICS

Water contents ltrs	17.0
Resistance @ 20°C mbar	126
Nom Flow Rate @ 20° C l/s	1.53
Condensate Connection	32mm
Connection Size " BSP	1 <sup>1</sup> / <sub>4</sub> " (M)
Std Operating Temp °C	20 - 90
Max Operating Temp °C	90
High Limit Set Point °C	110
Max operating pressure bar	4
Min operating pressure bar	0.8

## ELECTRICAL

Power Supply	230v - 1 ph - 50 hz
PCU Amps	1.6
Power Consumption W	5.3 - 199
Modulating input V dc	0 - 10
Fuse Rating amps	6.3
Controls Voltage	24 (max 4va)
Insulation Class IP	IPX1B

(1) In accordance with the Non Domestic Building Services Compliance Guide 2013 Edition-For use in England

(2) In accordance with EU 813 & 814 / 2013 Eco Design Regulations

(3) @ 80/60 °C Nett (EN 92/42)

(4) @ 30 °C nett (92/42)

(\*) See installation and service manual

GAR (EU) 2016/426

BED 92/42/EEC

EMC 2014/30/EU

LVD 2014/35/EU

ErP 2009/125/EC