

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

QUINTA ACE 160

TECHNICAL
SPECIFICATION
SHEET

July 2019

OVERVIEW

MODEL : Quinta Ace 160	GC No. 0063CQ3781
Rated Output kW (80/60°C)	152.1
Rated Output kW (50/30°C)	161.6
Weight (dry) kgs	147
Overall Dim WxHxD mm	600x1045x602
No of sections :	One piece casting
SBEM Seasonal Efficiency %: GCV ⁽¹⁾	95.90
Efficiency -Full Load 100%: NCV ⁽³⁾	97.5
Efficiency -Part Load 30%: NCV ⁽⁴⁾	108.5
Stand-by Heat Loss kW :	0.191

BURNER TYPE PRE MIX

Std Fuel Available	Natural Gas
Fuel Consumption M ³ /h	16.5 NG max
Fuel Consumption M ³ /h	6.3 LPG max
Flame Protection	Ionisation
Ignition	Electronic
Noise level dB(A) at 1 metre	59.5
Optional Fuel	LPG
LPG 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 ₂) NCV - EN15502	36 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	277 (max)
Flue gas temperature °C	32 - 66
Maximum counter pressure PA	200

ERP DATA - ECO DESIGN

Useful Efficiency -Full Load (GCV)% ⁽²⁾	87.8
Useful Efficiency -Part Load (GCV)% ⁽²⁾	97.8
Sound Power Levels L _{wa} Indoors dB	68

HYDRAULICS

Water contents ltrs	17.0
Resistance @ 20°C mbar	170
Nom Flow Rate @ 20° C l/s	1.82
Condensate Connection	32mm
Connection Size " BSP	1 1/4" (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 - 275
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

STANDARD - On/Off, 0-10v dc, Open Therm, R-Bus
 High limit protection, Low water protection
 Volt free common alarm and boiler run indication
 Manual override
 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