

QUINTA PRO 55

TECHNICAL
SPECIFICATION
SHEET

June 2017

This is a quick reference specification sheet, full details can be found in the Quinta Pro installation /service guide via remeha.co.uk/documents.

OVERVIEW

MODEL : Quinta Pro 55	GC No : 41-228-18
Rated Output kW (80/60°C)	55.3
Rated Output kW (50/30°C)	58.6
Weight (dry) kgs	60
Overall Dim WxHxD mm	500x750x500
No of sections : One piece casting	
SBEM Seasonal Efficiency %: GCV ⁽¹⁾	96.03
Efficiency - Full Load 100%: NCV ⁽⁴⁾	97.8
Efficiency - Part Load 30%: NCV ⁽⁵⁾	108.7
Stand-by Heat Loss kW :	0.110

BURNER TYPE PRE MX

Std Fuel Available	Natural Gas
Fuel Consumption M ³ /h	6.0 NG max
Fuel Consumption M ³ /h	2.3 LPG max
Flame Protection	Ionisation
Ignition	Electronic
Noise level dB(A) at 1 metre	45
Optional Fuel	Propane
LGP adjustment (*)	
Gas Connection size BSP	3/4"
Min/Max Gas pressure mbar	17-25 NG
Min/Max Gas pressure mbar	37-50 LPG
NOx (dry, 0% O ₂) EN483 EN 15420	32

CONCENTRIC FLUE/AIR INLET (#)

Flue diameter mm I/D	100
Air inlet diameter mm I/D	150
Mass flue gas flow rate kg/hr	19-93
Flue gas temperature °C	30-68
Maximum counter pressure PA	120

CONTROLS /OPTIONS

STANDARD - On/Off, 0-10v dc, Open Therm High limit protection and ow water protection Volt free common alarm and boiler run indication Manual override Modulating (18 - 100%, avg) Hot water priority facility (3 way valve or pump) Two Safety Interlocks Hours run indication Flue - concentric connection (***) (#)	OPTIONAL - Optimising /Compensators for single and multiple boilers Cascade kits- multiple boiler pipework kits Low loss headers Outside sensor for simple weather compensation Hot water priority kits - pump or valve kits Relay kits for single and multiple controls - 230v switching relay
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ERP DATA - ENERGY LABEL

Seasonal Space Efficiency % ⁽²⁾	93
Energy Efficiency Class ⁽²⁾	A
Sound Power Levels Lwa Indoors dB	53
Annual Energy Consumption GJ	171
Useful Efficiency-Full Load (GCV)% ⁽³⁾	88.1
Useful Efficiency-Part Load (GCV)% ⁽³⁾	97.9

HYDRAULICS

Water contents ltrs	6.4
Resistance @ 11°C mbar	430
Resistance @ 20°C mbar	130
Nom Flow Rate @ 11° C l/s	1.20
Nom Flow Rate @ 20° C l/s	0.66
Min Flow Rate m ³ /hr	0.4
Condensate Connection	32 mm
Connection Size " BSP	1 1/4 "(M)
Std Operating Temp °C	20-90 (**)
Max Operating Temp °C	90 ⁽³⁾
High Limit Set Point °C	110 ⁽³⁾
Max operating pressure bar	4
Min operating pressure bar	0.8
Min operating pressure bar	0.3 o/v

ELECTRICAL

Power Supply	230v - 1 ph - 50hz
Start Current amps	1.8
Power Consumption W	23-80
Modulating input V dc	0 - 10
Fuse Rating amps	6.3
Controls Voltage	24 (max 4va)
Insulation Class IP	X4D

(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 92/42)

(5) @ 50/30 °C nett (92/42)

(*) 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