

<b>Boiler Type :</b>	<b>Quinta Pro 115</b>
<b>Issue Date :</b>	<b>March 2012</b>



## TECHNICAL SPECIFICATION SHEET

Quick reference specification sheet full details can be found in the Quinta Pro Installation/Service guide.

### General Details

Fully condensing wall mounted boiler supplied c/w electronic temperature and safety controls.  
 One piece cast aluminium heat exchanger. Powder coated, enamel steel casing forming sealed air box.  
 Ultra low Nox, fully modulating (18-100%), pre-mix burner, gas/air ratio control for maximum efficiency and minimum emissions. Nox classification to EN 483 and EN15420 (EN 297 A3 )  
 Intelligent "abc®" boiler control system c/w numerical display providing operating and service parameters.  
 Manufactured to ISO 9001. CE approved (Pin 0063CL3333) and supplied pre-assembled.

<b>MODEL : Quinta Pro 115</b>		<b>No of SECTIONS : One piece casting</b>	
<b>Rated Output kW (80/60°C) :</b>	107	<b>Efficiency % : NCV (80/60°C) : (¹)</b>	96.6
<b>Rated Output kW (50/30°C) :</b>	114	<b>SBEM Seasonal Efficiency % : GCV</b>	96.45
<b>Weight (dry) kgs :</b>	68	<b>Min/Max Gas pressure mbar :</b>	17-30 NG
<b>Overall Dim WxHxD mm :</b>	500x750x500	<b>Min/Max Gas pressure mbar :</b>	37-50 LPG
<b>Radiated Losses watt % :</b>	0.112@ 30°		
<b>BURNER TYPE Pre mix</b>			
<b>Std Fuel Available :</b>	Natural Gas	<b>Optional Fuel :</b>	Propane
<b>Fuel Consumption M³/h :</b>	11.7 NG max	<b>LPG adjustment(²)</b>	
<b>Fuel Consumption M³/h :</b>	4.7 LPG max	<b>Gas Connection size BSP :</b>	¾" (M)
<b>Flame Protection :</b>	Ionisation	<b>Noise levels dB(A) at 1 metre :</b>	<51
<b>Ignition :</b>	Electronic	<b>Nox Mg/kW :</b>	35 (dry)
<b>HYDRAULICS</b>			
<b>Water Content ltrs :</b>	7.5	<b>Connection Size " BSP :</b>	1¼" (M)
<b>Resistance @ 11°C Δt mbar :</b>	826	<b>Std Operating Temp °C :</b>	20 - 90(³)
<b>Resistance @ 20°C Δt mbar :</b>	250	<b>Max Operating Temp °C :</b>	90 (³)
<b>Nom Flow Rate @ 11° C Δt l/s :</b>	2.22	<b>High Limit Set Point °C :</b>	110(³)
<b>Nom Flow Rate @ 20° C Δt l/s :</b>	1.28	<b>Max operating pressure bar :</b>	4
<b>Min Flow Rate m3/hr :</b>	0.4	<b>Min operating pressure bar :</b>	0.8
<b>Condensate conn :</b>	¾" OD	<b>Min operating pressure bar :</b>	0.5 o/v
<b>FLUE/AIR INLET</b>	Concentric connection	Supplied as standard * #	
<b>Flue diameter mm I/D :</b>	100	<b>Mass flue gas flow rate kgs/hr :</b>	36 - 178
<b>Air inlet diameter mm I/D :</b>	150	<b>Flue Gas Temperature °C :</b>	30 - 72
		<b>Maximum counter pressure PA :</b>	220
<b>ELECTRICAL</b>			
<b>Power Supply :</b>	230v – 1ph – 50hz	<b>Fuse Rating amps :</b>	6.3
<b>Start Current amps :</b>	1.8	<b>Controls Voltage :</b>	24 (max 4va)
<b>Power Consumption W :</b>	45 - 199	<b>Insulation Class IP :</b>	X4D
<b>Modulating input V dc :</b>	0 - 10		
<b>CONTROL OPERATION</b>			
<b>Standard :</b>	On/Off, 0-10v dc, Open Therm High limit protection Low water protection Volt free common alarm and boiler run indication	Manual o/ride Modulating (18 - 100%) Hot water priority facility (3 way valve or pump) Two Safety interlocks Hours run indication	
<b>Optional :</b> For further options Contact our sales team	Optimising/Compensators Cascade Kits > Low loss headers > Outside sensor > Hot water priority kits > Relay Kits >	for single and multiple boiler controls multiple boiler pipework kits single and multiple boiler for simple weather compensation pump or valve kits 230v switching relay	

(¹) At full load

(²) See installation and service manual

(³) Open vented option maximum operating temperature 80°C high limit 95°C

\* For conventional or room sealed operation

# Flue adaptor available for CLV systems