

Gas 120⁺ Ace - 65

TECHNICAL SPECIFICATION SHEET

January 2019

This is a quick reference specification sheet, full details can be found in the Gas 120 ACE installation/service manual via www.remeha.co.uk

OVERVIEW

MODEL : Gas 120 Ace - 65	7721607
Rated Output kW (80/60°C)	61.5
Rated Output kW (50/30°C)	65.0
Weight (dry) kg	98
Overall Dim WxHxD mm	600x1360x605
No of sections : One piece casting	Cast Aluminum Monoblock
SBEM Seasonal Efficiency %: GCV ⁽¹⁾	97.6
Efficiency - Full Load 100%: NCV ⁽⁴⁾	99.2
Efficiency - Part Load 30%: NCV ⁽⁵⁾	110.4
Stand-by Heat Loss kW :	0.114

BURNER TYPE PRE MIX

Std Fuel Available	Natural Gas
Fuel Consumption M ³ /h	1.3 - 6.6 NG
Fuel Consumption M ³ /h	0.5 - 2.5 LPG
Flame Protection	Ionisation
Ignition	Electronic
Noise level dB(A) at 1 metre	40
Optional Fuel	Propane
LGP adjustment (*)	
Gas Connection size BSP	3/4" (M)
Min/Max Gas pressure mbar	17-25 NG
Min/Max Gas pressure mbar	37-50 LPG
NOx (dry, 0% O ₂) EN15502 - 1	29 Mg/kWh (GCV)

FLUE/AIR INLET

Flue diameter mm I/D	100
Air inlet diameter mm I/D	150
Mass flue gas flow rate kg/hr	21 - 104
Flue gas temperature °C	30-120
Maximum counter pressure PA	100

CONTROLS/OPTIONS

STANDARD - R-Bus.On/Off, 0-10v dc, Open Therm High limit protection and low water protection Volt free common alarm and boiler run indication Manual override Safety Interlocks Hours run indication	OPTIONAL - Optimising compensators for single and multiple boilers Cascade kits - multiple boiler pipework kits Low loss headers Outside sensor for simple weather compensation
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ERP DATA ENERGY LABEL

Seasonal Space Efficiency % ⁽²⁾	94
Energy Efficiency Class ⁽²⁾	A
Sound Power Levels Lwa Indoors dB	55
Annual Energy Consumption GJ	190
Useful Efficiency - Full Load (GCV)% ⁽³⁾	89.4
Useful Efficiency - Part Load (GCV)% ⁽³⁾	99.5
NOx (Dry, 0% O ₂) Mg/kWh ⁽⁴⁾	29

HYDRAULICS

Water contents ltrs	7.1
Resistance @ 20°C mbar	170
Nom Flow Rate @ 20° C l/s	0.74
Resistance @ 11°C mbar	562
Nom Flow Rate @11°C l/s	1.34
Min Flow Rate l/h	290
Condensate Connection	25mm OD
Connection Size " BSP	1"(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 - 1ph - 50hz
Power Consumption-Full Load W	25 - 92
Modulating input V dc	0-10
Fuse Rating amps	6.3
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 GAR EU 2016 / 426

(3) In accordance with EU 811 / 2013 Energy Labeling Regulations

(4) In accordance with EU 813 / 2013 Eco Design Regulations

(5) @ 80/60 °C Nett (EN 92/42)

(6) @ 50/30 °C nett (92/42)

(*) See installation and service manual

(#) Flue adapter available for CLV systems