

LG UK MULTI V S HR Specification Data



ARUB060GSS4

Multi V Outdoor Unit

Type	Air Cooled Heat Recovery	
Colour	Warm Grey (RAL NL503K)	
Power Supply	Ø, V, Hz	1, 220-240, 50



LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification www.eurovent-certification.com

Performance			
Capacity	Cooling	kW ¹⁾	15.5
		kW ²⁾	11.5
	Heating	kW ¹⁾	18.0
		kW ²⁾	18.0
Input	Cooling	kW ¹⁾	3.97
		kW ²⁾	2.00
	Heating	kW ¹⁾	4.10
		kW ²⁾	5.01

Efficiency		
EER	Rated ¹⁾	3.90
	UK ²⁾	5.75
ESEER	Rated	7.17
	UK Complete System	7.64
ESEER (SLC)	Rated	7.97
COP	Rated ¹⁾	4.39
	UK ²⁾	3.59

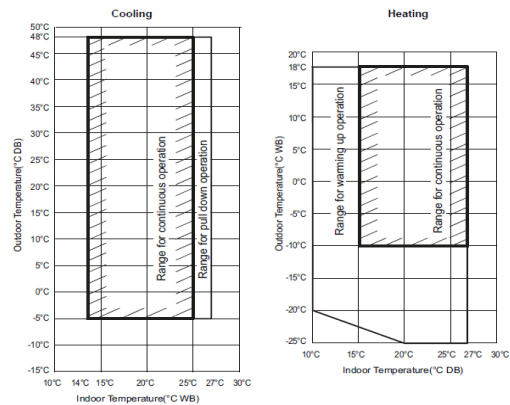
Design Data			
Pipe Connections For Heat Recovery	Liquid	mm(inch)	9.52(3/8)
	Low Pressure Gas	mm(inch)	19.05(3/4)
	High Pressure Gas	mm(inch)	15.88(5/8)
Dimensions (W x H x D)	mm	950 x 1,380 x 330	
Net Weight	kg	118	
Sound Pressure Level	Cooling	dB(A)	56
	Heating	dB(A)	58
Sound Power Level	Cooling	dB(A)	69
	Heating	dB(A)	71
Max External Static Pressure	Pa	50	
Communication Cable (VCTF-SB)	No. x mm ²	2C x 1.0 ~ 1.5	
	Refrigerant Name	R410A	
	Precharged Amount	kg	3.5
	GWP	2087.5	
	TCO2eq	7.3	
Maximum Starting Current	(A)	4	
Maximum Running Current	(A)	36.0	
Maximum Fuse Amperes	(A)	40	
Power Factor (Rated)		0.93	
Number of Maximum Connectable Indoor Units		13	
Maximum Connection Index		160%	

Features		
Compressor	High Sided Shell	✓
	Enhanced Engineering PEEK Bearing Material	✓
	Over Compression Protection	✓
Control and Monitoring	Dual Sensing Control (Temperature and Humidity)	✓
	Smart Load Control	✓
	Comfort Cooling	✓
	Optimal Path Heat Exchanger	✓
	Refrigerant Cooled PCB	✓
Corrosion Resistance	Gold Fin	✓
	Test Cooling / Heating	✓
Operation	Automatic Fault Diagnosis	✓
	No Loss in Heating Capacity Above -7°C	✓
Connectivity	LG MV / LG MV Mobile	✓

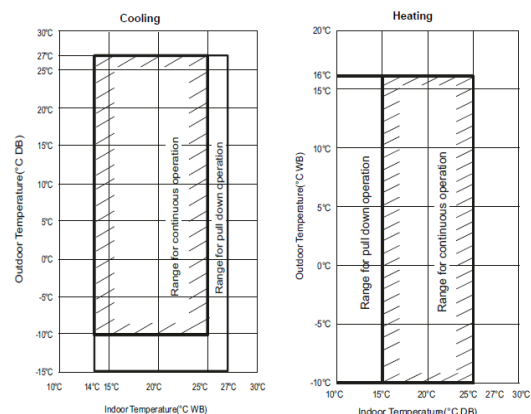
Connectable Indoor Unit Ranges	
IDU Fan Coil Range	Hydro Kit
AHU Communication Kits	ERV DX

Operating Range

Cooling / Heating Operation



Simultaneous Cooling / Heating Operation



NOTES:

This product contains Fluorinated Greenhouse Gases R410A
Nominal performance tested under EN14511

1) Rated

Cooling - Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB
Heating - Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB
Interconnecting piping length 7.5m, Level Difference of zero

2) UK

Cooling - Indoor temp. 21°C DB / 15°C WB, Outdoor temp. 27°C DB / 19°C WB
Heating - Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 0°C DB / 0.7°C WB
Interconnecting piping length 7.5m, Level Difference of zero

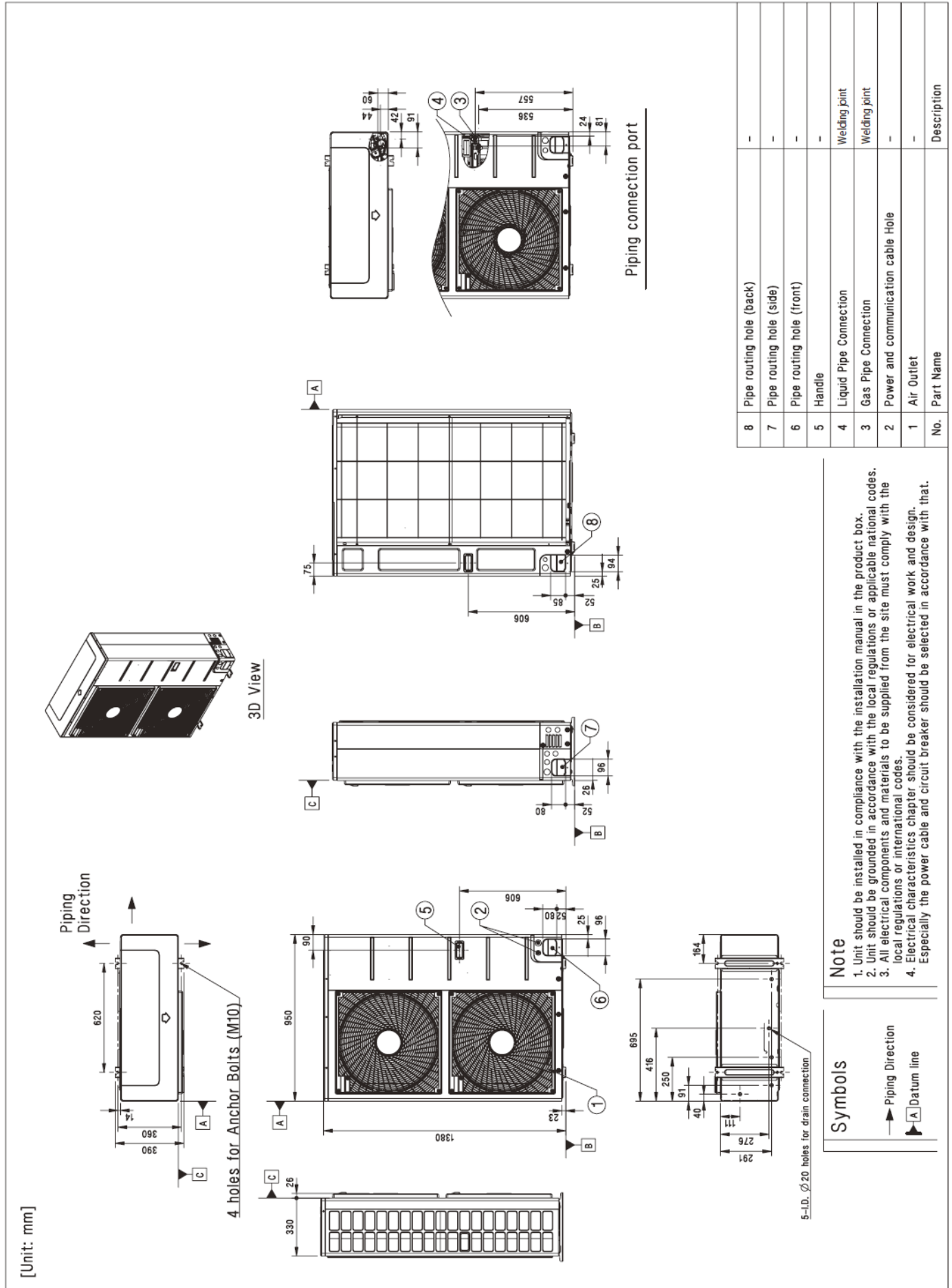
Seasonal Efficiencies

Rated - calculated on EN14511-3 methodology to give consistent season efficiency figures throughout product range

UK Complete System - calculated based on EN14511-3 methodology outdoor ambient temperatures along with UK indoor temperature of 21°C with all indoor units operational to indicate a complete system efficiency, indoor unit power consumption included.

SLC (Smart Load Control) - Automatic regulation of evaporative temperatures based on temperature and humidity direct monitoring





Note

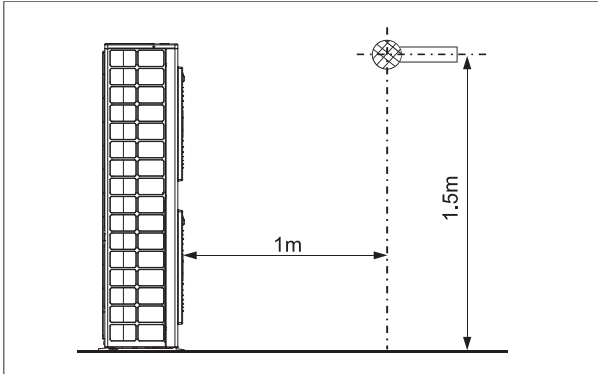
- Unit should be installed in compliance with the installation manual in the product box.
- Unit should be grounded in accordance with the local regulations or applicable national codes.
- All electrical components and materials to be supplied from the site must comply with the local regulations or international codes.
- Electrical characteristics chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.

Symbols

- Piping Direction
- Datum line

11. Sound Levels

11.1 Sound Pressure Level

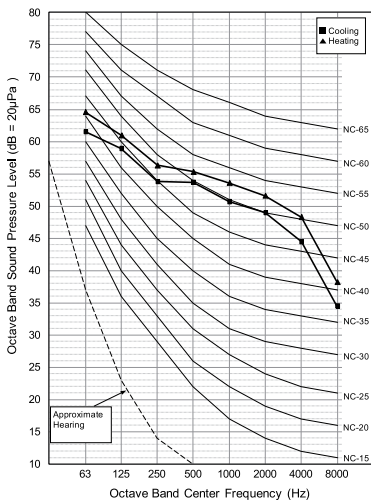


Note

- 1.Data is valid at free field condition.
- 2.Reference accoustic pressure 0dB = 20μPa.
- 3.Data is valid at nominal operation condition.
Refer to the Model Specifications for nominal conditions(Power source and Ambient temperature, etc)
- 4.Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- 5.Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

Model	Sound Pressure Levels [dB(A)]	
	Cooling	Heating
ARUB060GSS4	56	58

ARUB060GSS4



11. Sound Levels

11.2 Sound Power Levels

Note

1. Data is valid at diffuse field condition.
2. Reference acoustic intensity $0\text{dB} = 10\text{E-}6\mu\text{W}/\text{m}^2$
3. Sound power level is measured on the rated condition in the reverberation rooms. Refer to the Model Specifications for nominal conditions(Power source and Ambient temperature, etc)
4. Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
5. Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment in installed.

Model	Sound Power Levels [dB(A)]	
	Cooling	Heating
ARUB060GSS4	69	71

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