

22 Great Queen St, London WC2B 5BH
13th December 2016



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AIR CONDITIONING SPECIFICATION, INCLUDING ACOUSTIC INFORMATION



**22 Great Queen Street,
London WC2B 5BH**

**Undertaken on behalf of: Mr Dexters LTD
DATE: 13th December 2016**

1. SUMMARY

1.1. This supporting document has been prepared by Ideal Planning Permissions Ltd, on behalf of Paul Hoffman. It accompanies details of the air conditioning unit in support of the planning application for installation of one air conditioning unit to the ground floor of the property.

2. UNIT DETAILS

2.1. Fujitsu ABYG 24 under ceiling unit with 7KW capacity

FLOOR-CEILING TYPES ABYG 24 LVT



- 7,10 kW
- 8,00 kW
-

- Slim and compact design for floor or ceiling installation
- DC-inverter compressor and DC-ventilator motor for energy-efficient (A-rating) and low-noise operation
- Innovative V-PAM inverter technology
- Optimised airflow in vertical or horizontal direction
- Booster function provided by two air outlets
- Optimum air distribution thanks to auto-swing function
- Infrared remote control
- Available with cable remote control as an option

SPECIFICATION

ABYG 24L VT INDOOR UNIT
 A0YG 24 LA OUTDOOR UNIT



DOWNLOADS

Catalogue ABYG 24 LVT
 PDF 997.23 KB

OUTDOOR UNIT



OPTIONS



AOYG 24 LA OUTDOOR UNIT

Operation Mode		Cooling	Heating
Capacity	kW	7,10	8,00
Input Power	kW	2,21	2,21
SEER - Energy Class - Cooling	WW	5,60-A+	-
SCOP - Energy Class - Heating	WW	-	3,90-A
Running Current	A	9,7	9,7
Annual Energy Consumption	kWh/a	425	2150
Operation Range	°C DB	-10~46	-15~24

Unit		Indoor	Outdoor
Airflow Rate (High)	m³/h	980	2.470
Net Dimension H x W x D	mm	199x990x655	578x790x315
Weight	kg (lbs)	27 (60)	44 (97)
Noise (H/M/L/Q)	dB(A)	48/44/40/35	52
Drain Pipe Diameter	mm	21,5	26,0

System Data		
Power Source	V/Ø/Hz	230/1/50
Moisture Removal	l/h	2,7
Piping Connections (Liquid / Gas)	mm	6,35/15,88
Max Pipe Length	m	30
Height Difference	m	20
Refrigerant		R410A

3. LOCATION

3.1. The air conditioning unit will be installed to the rear of the property. The external unit will sit under the windowsill in the rear lightwell (figure 1) and the internal unit is installed to the back end of ground floor.

Figure 1

