

NORTH ROOF

City Multi Outdoor Product Information

PURY-P400YJM-A

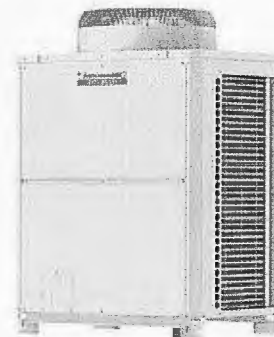


PURY-P400YJM-A

Standard R2 Series 16hp Outdoor Unit

R410A Heat Recovery

Many buildings require cooling in some areas and heating in others - even in adjacent rooms. The outstanding City Multi R2 system meets this requirement by distributing surplus heat from cooling operations (and vice versa) to rooms where it is needed. This efficiency can result in energy savings of up to 30% over conventional systems.



Pictures not to scale

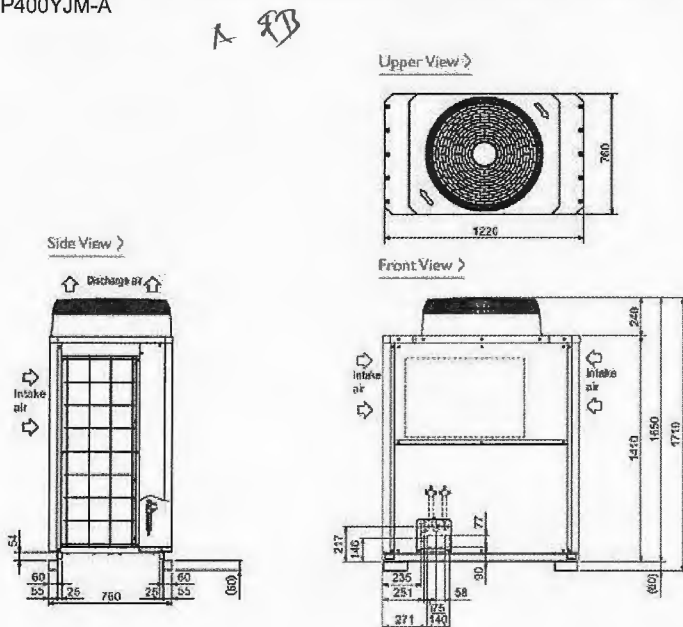
Product Details

PURY-P400YJM-A	
Capacity (kW):	
Heating (Nominal)	50.0
Cooling (Nominal)	45.0
Heating (UK)	47.5
Cooling (UK)	42.3
Power Input (kW) Heating (Nominal)	12.75
Power Input (kW) Cooling (Nominal)	13.55
Power Input (kW) Heating (UK)	17.09
Power Input (kW) Cooling (UK)	8.74
Max No. of Connectable Indoor Units	40
Airflow(m3/min)	225
Noise (dBA)	61
Width - mm	1220
Depth - mm	760
Height - mm	1710
Weight - kg	270
Electrical Supply	380-415v, 50Hz
Phase	3
Mains Cable No. Cores	4 + earth
Starting Current (A)	8
Running Current (A) - Heating	19.7
Running Current (A) - Cooling	20.9
Fuse Rating (BS88) - HRC (A)	40

Piping Restrictions	
Total Piping Length (m)	600
Furthest Piping Length (m)	165
Between Outdoor and BC Controller - Length (m)	110
Between Indoor and Outdoor Units - Height (m)	50
Between Indoor and Indoor Units - Height (m)	15

Dimensions

PURY-P400YJM-A



Telephone: 01707 282880

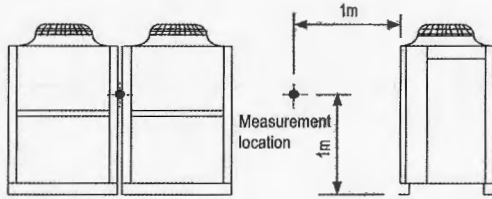
Email: air.conditioning@meuk.mee.com Website: <http://www.mitsubishielectric.co.uk/aircon>

Tel:
Fax:

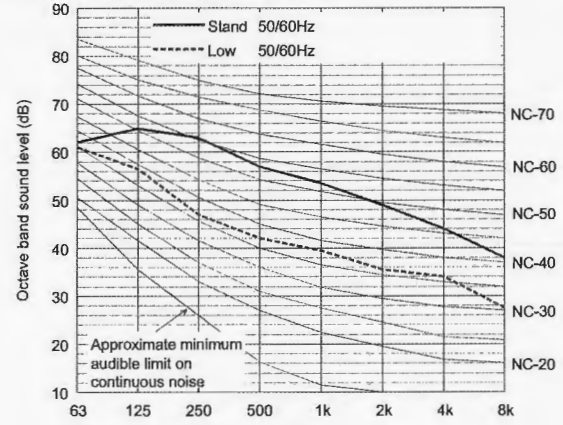
Mitsubishi Electric reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement.



Measurement condition PURY-P400,450,500,550,600YSJM-A(1)(-BS)



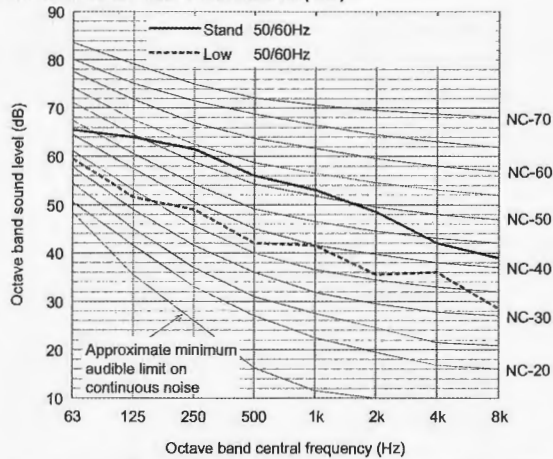
Sound level of PURY-P500YSJM-A(-BS)



		63	125	250	500	1k	2k	4k	8k	
Standard	50/60Hz	62.0	65.0	63.0	57.0	53.5	49.0	44.0	38.0	dB(A)
Low noise mode	50/60Hz	61.0	56.5	47.0	42.0	39.5	35.5	34.0	27.5	47.0

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

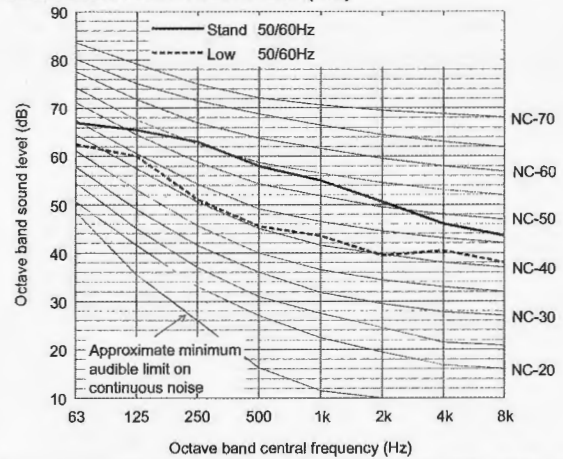
Sound level of PURY-P400YSJM-A1(-BS)



		63	125	250	500	1k	2k	4k	8k	
Standard	50/60Hz	65.5	64.0	61.5	56.0	53.0	48.5	42.0	39.0	59.0
Low noise mode	50/60Hz	59.5	51.5	49.0	42.0	41.5	35.5	36.0	28.5	47.0

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

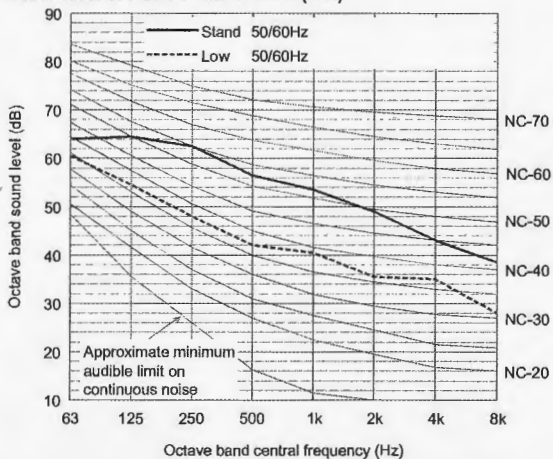
Sound level of PURY-P500YSJM-A1(-BS)



		63	125	250	500	1k	2k	4k	8k	
Standard	50/60Hz	67.0	65.5	63.0	58.0	55.0	50.5	46.0	43.5	61.0
Low noise mode	50/60Hz	62.5	60.0	51.0	45.5	43.5	39.5	40.5	38.0	51.0

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

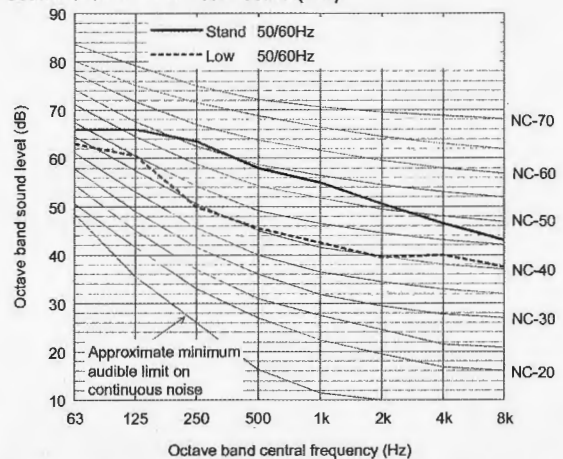
Sound level of PURY-P450YSJM-A1(-BS)



		63	125	250	500	1k	2k	4k	8k	
Standard	50/60Hz	64.0	64.5	62.5	56.5	53.5	49.0	43.0	38.5	59.5
Low noise mode	50/60Hz	60.5	54.5	48.0	42.0	40.5	35.5	35.0	28.0	47.0

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

Sound level of PURY-P550YSJM-A(-BS)



		63	125	250	500	1k	2k	4k	8k	
Standard	50/60Hz	66.0	66.0	63.5	58.0	55.0	50.5	46.5	43.0	61.0
Low noise mode	50/60Hz	63.0	60.5	50.0	45.5	42.5	39.5	40.0	37.5	50.5

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

4.33

44.32

REFRIGERANT PIPEWORK TO
THIRD FLOOR THROUGH EXISTING OPENING

A C U

A C U

A C U

A C U

A C U

A C U

A C U

A C U

hand rail ht 1.15

A C U

A C U

44.32

44.32

44.32

mansard
windowmansard
windowmansard
windowmansard
window

183 EVERSHOLT STREET
LONDON - 3RD FLOOR

PART ROOF PLAN (NORTH END) SK 2651/2
EXTERNAL CONDENSING UNIT

1:50
6. NOV. 2013

4 of 4

DPI/P DP