

SCHEDULE OF DX SPLIT UNITS



Project: Heyford Park Free School – Sports Hall	Document No: SCH-40	Revision No. 0
Project No: M10241 - SH	Client: Kier	Revision Date: 20/08/14
Manufacturer: Mitsubishi Electric		

Unit Ref No	Location	Sensible Cooling Capacity (kW)	Indoor Unit	Indoor Unit Dimensions			Drawing Ref No.	Outdoor Unit	Outdoor Unit Dimensions			Drawing Ref No.
				W	D	L			W	D	L	
ACU-SH001	0.03 Fitness	6.81	PLA-ZRP100BA	960	298	960	M1241-SH-300					
ACU-SH002	0.02 Fitness	6.81	PLA-ZRP100BA	960	298	960	M1241-SH-300					
CDU-SH001	External							PUHZ-RP200YKA	1050	417	1338	M1241-SH-300
ACU-SH003			PKA-RP100KAL	295	355	1170	M1241-SH-300					
CDU-SH002	External							PUHZ-ZRP100VKA	1050	417	1338	M1241-SH-300

Notes/Comments:

- For Electrical details refer to Control & Motive Power Schedule SCH-51
- System 1 is a twin split system controlling together
- Upon completion of Officers Mess System 2 is to be decommissioned and reinstalled in the Officers Mess Server Room.

FEATURES



INDOOR

Heating capacity (kW) (nominal)	11.2 (4.5 - 14)
Cooling Capacity (kW) (nominal)	10 (4.9 - 11.4)
Heating Capacity (kW) (UK)	9.5 (3.85 - 11.9)
Cooling Capacity (kW) (UK)	9.2 (4.5 - 10.5)
SHF (nominal and UK)	0.73
COP/EER (nominal)	3.68 / 3.77
SCOP / SEER	4 / 6.1
Energy Efficiency Class - Heating / Cooling	A+ / A++
Airflow (m ³ /min) Lo-Mi-Hi	20 - 23 - 26
Pipe Size Gas (mm [in])	15.88 (5/8")
Pipe Size Liquid (mm [in])	9.52 (3/8")
Sound Pressure Level (dBA) Lo-Mi-Hi	41 - 45 - 49
Sound Power Level (dBA) Cooling	65
Dimensions (mm) Width x Depth x Height	1170 x 295 x 365
Weight (kg)	21
Electrical Supply	FED BY OUTDOOR UNIT
Phase	SINGLE
Fuse Rating (BS88) - HRC (A)	6
Interconnecting Cable No. Cores	4

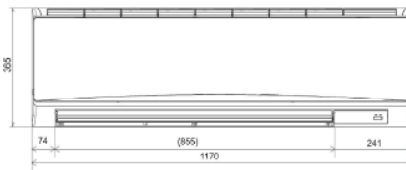
OUTDOOR

Sound Pressure Level (dBA) Heating / Cooling	51 / 49
Sound Power Level (dBA) Cooling	69
Weight (kg)	116
Dimensions (mm) Width x Depth x Height	1050 x (330+30) x 1338
Electrical Supply	220-240V, 50HZ
Phase	SINGLE
System Power Input (kW) - Heating / Cooling (nominal)	3.04 / 2.65
System Power Input (kW) - Heating / Cooling (UK)	2.58 / 2.36
Starting Current (A)	12
System Running Current (A) [MAX] - Heating / Cooling	11.46 / 11.44 [27.1]
Fuse Rating (BS88) - HRC (A)	32
Mains Cable No. Cores	3
Max Pipe Length (m)	75
Max Height Difference (m)	30
Charge R410A (kg) - pre charged length (m)	5 - 30

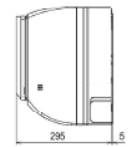
DIMENSIONS

PKA-RP100KAL

Front View >



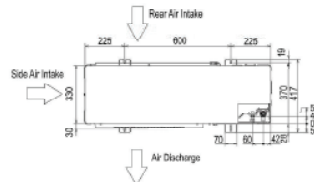
Side View >



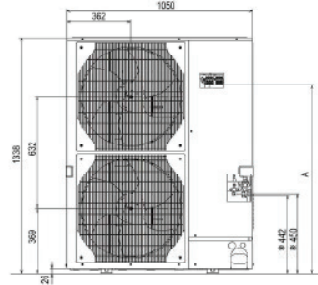
DIMENSIONS

PUHZ-ZRP100VKA

Upper View >



Front View >



Right Side View >



FEATURES

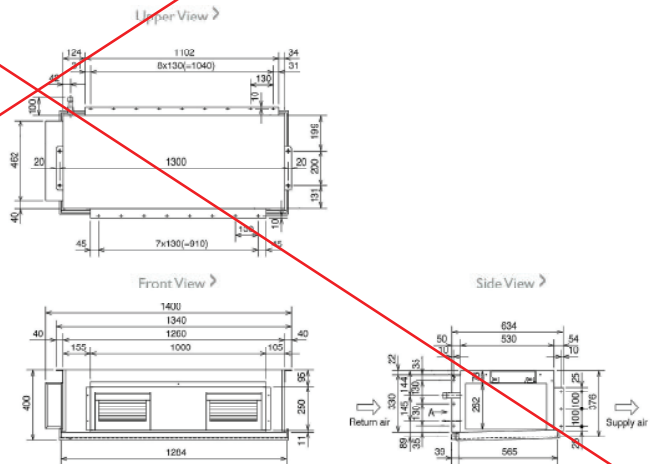


INDOOR

Heating Capacity (kW) (nominal)	22.4 (9.5 - 25)
Cooling Capacity (kW) (nominal)	19 (9 - 22.4)
Heating Capacity (kW) (UK)	19.1 (8.1 - 21.25)
Cooling Capacity (kW) (UK)	17.5 (8.3 - 20.6)
SHF (nominal and UK)	0.81
COP / EER (nominal)	3.45 / 2.84
Energy Efficiency Class - Heating / Cooling	B / C
Pipe Size Gas (mm [in])	28.58 (1 1/8")
Pipe Size Liquid (mm [in])	9.52 (3/8")
External Static Pressure (Pa)	150
Airflow (m ³ /min) Lo-Hi	52 - 65
Sound Pressure Level (dBA) Lo-Hi	48 - 51
Dimensions (mm) Width x Depth x Height	1400 x 634 x 400
Weight (kg)	70
Electrical Supply	380-415V, 50HZ
Phase	THREE
Power Input (kW) nominal / UK	1 / 0.89
Starting Current (A)	5.6
Running Current (A) [MAX]	2 [2.4]
Fuse Rating (BS88) - HRC (A)	6
Interconnecting Cable No. Cores	3

DIMENSIONS

PEA-RP200GAQ



OUTDOOR

Sound Pressure Level (dBA) Heating / Cooling	59 / 58
Weight (kg)	135
Dimensions (mm) Width x Depth x Height	1050 x (330+30) x 1338
Electrical Supply	380-415V, 50HZ
Phase	THREE
System Power Input (kW) - Heating / Cooling (nominal)	6.50 / 6.70
System Power Input (kW) - Heating / Cooling (UK)	5.79 / 5.70
Starting Current (A)	5
System Running Current (A) Heating / Cooling [MAX]	8.63 / 8.94 [19.0]
Fuse Rating (BS88) - HRC (A)	20
Mains Cable No. Cores	5
Max Pipe Length (m)	120
Max Height Difference (m)	30
Charge R410A (kg) - Pre charged length (m)	7.1 - 30

DIMENSIONS

PUHZ-RP200YKA

