

15.06 AC UNIT SCHEDULE

15.06.1 INDOOR UNITS

Ref.	Location	Type	Cooling Capacity (Sensible) (kW)	Heating Capacity (kW)	Model	Unit Dimensions (mm)			Sound dB(A)	Mass (kg)	External Unit Ref.
						Height	Width	Depth			
AC/0.01	CT Reporting Room	CC6	2.94	5.0	PLFY-P40VFM-E	245	570	570	39	18	CON/5.01
AC/0.02	CT Reporting Room	CC6	2.94	5.0	PLFY-P40VFM-E	245	570	570	39	18	CON/5.01
AC/0.03	CT 3 Control Room	CC6	2.94	5.0	PLFY-P40VFM-E	245	570	570	39	18	CON/5.01
AC/0.04	CT 3 Equipment Room	WM	7.15	12.5	PCFY-P100VKM-E	230	1,600	680	43	36	CON/5.02
AC/0.05	CT 3 Equipment Room	WM	7.15	12.5	PCFY-P100VKM-E	230	1,600	680	43	36	CON/5.03
AC/0.06	CT 1&2 Control Room	CC6	2.94	5.0	PLFY-P40VFM-E	245	570	570	39	18	CON/5.01
AC/0.07	CT 1&2 Control Room	CC6	2.94	5.0	PLFY-P40VFM-E	245	570	570	39	18	CON/5.01
AC/0.08	CT 1 Equipment Room	WM	7.15	12.5	PCFY-P100VKM-E	230	1,600	680	43	36	CON/5.03
AC/0.09	CT 1 Equipment Room	WM	7.15	12.5	PCFY-P100VKM-E	230	1,600	680	43	36	CON/5.02
AC/0.10	UPS/IPS Room	WM	5.05	8.0	PKFY-P63VKM-E	365	1,170	295	45	21	CON/5.03
AC/0.11	UPS/IPS Room	WM	5.05	8.0	PKFY-P63VKM-E	365	1,170	295	45	21	CON/5.02
AC/0.12	MRI 3 Equipment Room	WM	3.68	6.30	PKFY-P50VLM-E	299	898	237	46	13	CON/5.03
AC/0.13	MRI 3 Equipment Room	WM	3.68	6.30	PKFY-P50VLM-E	299	898	237	46	13	CON/5.02
AC/0.14	MRI 3 Control Room	WM	2.94	3.50	PKFY-P40VLM-E	299	898	237	40	13	CON/5.01

15.06.2 EXTERNAL UNITS

Ref.	Location	Serving	Model	Unit Dimensions (mm)			Mass (kg)	Sound Pressure dB(A)	Max. Piping Length (m)	Electrical	Refrigerant
				Height	Width	Depth					
CON/5.01	5 th Floor Externally	AC/0.01-0.03, 0.06, 0.07 & 0.14	PURY-EP200YNW-A1	1858	920	740	219	59	110	400V 3Ø 50Hz	R410a (VRF)
CON/5.02	5 th Floor Externally	AC/0.04, 0.09, 0.11 & 0.13	PURY-EP300YNW-A1	1858	920	740	230	61	110	400V 3Ø 50Hz	R410a (VRF)
CON/5.03	5 th Floor Externally	AC/0.05, 0.08, 0.10 & 0.12	PURY-EP300YNW-A1	1858	920	740	230	61	110	400V 3Ø 50Hz	R410a (VRF)

15.06.3 VRF BRANCH SELECTOR BOX

Ref.	Location	Serving	Model	Unit Dimensions (mm)			Mass (kg)	Number of Connections	External Unit Ref.
				Height	Width	Depth			
BSB/1.01	First Floor Externally	AC/0.05, 0.08, 0.10 & 0.12	KS8-CMB-M104V-J1	246	596	495 + 280	23 + 4.2	4	CON/5.03
BSB/1.02	First Floor Externally	AC/0.04, 0.09, 0.11 & 0.13	KS8-CMB-M104V-J1	246	596	495 + 280	23 + 4.2	4	CON/5.02
BSB/1.03	First Floor Externally	AC/0.01-0.03, 0.06, 0.07 & 0.14	KS8-CMB-M106V-J1	250	596	495 + 280	27 + 5.9	6	CON/5.01

Notes:

- 1) All AC unit duties are expressed as sensible cooling only.
- 2) All AC units to be provided with all necessary ancillaries, including, but not limited to, condensate pumps, wired remote controllers and remote/return air temperature sensors.
- 3) External condensers to be mounted on anti-vibration mounts.
- 4) External condensers, and associated Internal units, serving the UPS/IPS and equipment rooms shall run in a duty/standby arrangement, all necessary controllers and ancillaries shall be provided to suit.
- 5) Branch Selector Boxes BS/1.01-1.03 shall be installed complete with IP65 rated enclosure, as supplied by PACAIR Ltd.
- 6) Air Conditioning units to be as manufactured by Mitsubishi Electric Ltd and supplied by PACAIR Ltd, or equal and approved.

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Type:

WM	Wall mounted at high level
CC	Cassette unit – 4 way blow
CC6	600x600 Cassette unit – 4 way blow
FCU	Ceiling concealed ducted fan coil unit
RC	Recessed air curtain