Air Conditioning Equipment Schedule - Level 1

Designation	Area Served	Brand /	Model Offered	Туре	Designed Capacity (kW)	Offered Capacity (kW)	Qty No of Set	Power Input (kW)	Running Current (Amp)	Maximum Circuit (Amp)	Isolator Size (A/Ph)	Qty	Pipe Size Liquid	Pipe Size Gas	Airflow Rate (CMH)	Dimension (HxWxD)	Control Panel Designation	Control Panel Power Requirement
			PUCY-EP650YSKD															
CU-2-1	ROOF	MITSUBISHI	PUCY-P300YKD	VRF – 410A	72.10	73.5	1	7.82	12.50	18.75	32A(3¢)	1	ø 12.70	ø 22.20	10500	1650 x 920 x 740		
			PUCY-P350YKD				1	9.66	15.40	23.10	32A(3¢)	1	ø 12.70	ø 28.58	12600	1650 x 1220 x 740		
FCU-1-1	01-13 DC ROOM	MITSUBISHI	PLFY-P125VEM-PA	4-WAY CEILING CASSETTE	12.58	14.0	1	0.11	1.06	1.59	13A(1¢)	1	ø 9.52	ø 15.88	2100	298 x 840 x 840		
FCU-1-2	01-14 DC ROOM	MITSUBISHI	PLFY-P80VEM-PA	4-WAY CEILING CASSETTE	8.86	9.0	1	0.05	0.50	0.75	13A(1¢)	1	ø 9.52	ø 15.88	1380	258 x 840 x 840		
FCU-1-3	01-15 DC ROOM	MITSUBISHI	PLFY-P80VEM-PA	4-WAY CEILING CASSETTE	8.82	9.0	1	0.05	0.50	0.75	13A(1¢)	1	ø 9.52	ø 15.88	1380	258 x 840 x 840		
FCU-1-4	01-18 DC ROOM	MITSUBISHI	PLFY-P63VEM-PA	4-WAY CEILING CASSETTE	6.89	7.1	1 1 1	0.03	0.36	0.54	13Α(1φ)	1	ø 9.52	ø 15.88	1140	258 x 840 x 840		
FCU-1-5	01-17 DC ROOM	MITSUBISHI	PLFY-P63VEM-PA	4-WAY CEILING CASSETTE	6.98	7.1	1	0.03	0.36	0.54	13Α(1φ)	1	ø 9.52	ø 15.88	1140	258 x 840 x 840		
FCU-1-6	01-16 DC ROOM	MITSUBISHI	PLFY-P80VEM-PA	4-WAY CEILING CASSETTE	8.92	9.0	1	0.05	0.50	0.75	13A(1¢)	1	ø 9.52	ø 15.88	1380	258 x 840 x 840		
	01-19 IDS ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	5.28	5.6	'	0.03	0.32	0.73		'	ø 6.35	ø 12.70	1140	258 x 840 x 840		
FCU-1-7											13A(14)	'						
FCU-1-8	01-20 IDS ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	5.42	5.6	1	0.03	0.32	0.48	13A(1¢)	'	ø 6.35	ø 12.70	1140	258 x 840 x 840		
FCU-1-9	01-23 IDS ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.12	5.6	1	0.03	0.32	0.48	13Α(1φ)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
FCU-1-10	01-22 IDS ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.24	5.6	1	0.03	0.32	0.48	13A(1 _ф)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
			PUCY-EP650YSKD															
CU-2-2	ROOF	MITSUBISHI	PUCY-P300YKD	VRF – 410A	73.14	73.5	1	7.82	12.5	18.75	32A(3¢)	1	ø 12.70	ø 22.20	10500	1650 x 920 x 740		
			PUCY-P350YKD				1	9.66	15.40	23.10	32A(3 _{\$\phi\$})	1	ø 12.70	ø 28.58	12600	1650 x 1220 x 740		
FCU-2-1	01-13 DC ROOM	MITSUBISHI	PLFY-P125VEM-PA	4-WAY CEILING CASSETTE	12.58	14.0	1	0.11	1.06	1.59	13A(1 _φ)	1	ø 9.52	ø 15.88	2100	298 x 840 x 840		
FCU-2-2	01-14 DC ROOM	MITSUBISHI	PLFY-P80VEM-PA	4-WAY CEILING CASSETTE	8.86	9.0	1	0.05	0.50	0.75	13A(1¢)	1	ø 9.52	ø 15.88	1380	258 x 840 x 840		
FCU-2-3	01-15 DC ROOM	MITSUBISHI	PLFY-P80VEM-PA	4-WAY CEILING CASSETTE	8.82	9.0	1	0.05	0.50	0.75	13Α(1φ)	1	ø 9.52	ø 15.88	1380	258 x 840 x 840		
FCU-2-4	01-18 DC ROOM	MITSUBISHI	PLFY-P63VEM-PA	4-WAY CEILING CASSETTE	6.89	7.1	1 1	0.03	0.36	0.54	13A(1¢)	1	ø 9.52	ø 15.88	1140	258 x 840 x 840		
FCU-2-5	01-17 DC ROOM	MITSUBISHI	PLFY-P63VEM-PA	4-WAY CEILING CASSETTE	6.98	7.1	1	0.03	0.36	0.54	13Α(1φ)	1	ø 9.52	ø 15.88	1140	258 x 840 x 840		
FCU-2-6	01-16 DC ROOM	MITSUBISHI	PLFY-P80VEM-PA	4-WAY CEILING CASSETTE	8.92	9.0	1	0.05	0.50	0.75	13Α(1φ)	1	ø 9.52	ø 15.88	1380	258 x 840 x 840		
FCU-2-7	01-24 IDS ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	5.46	5.6	1	0.03	0.32	0.48	13Α(1φ)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
FCU-2-8	01-21 IDS ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	6.41	5.6	1	0.03	0.32	0.48	13A(1¢)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
FCU-2-9	01-23 IDS ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.12	5.6	1	0.03	0.32	0.48	13A(1¢)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
FCU-2-10	01-22 IDS ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.24	5.6	1	0.03	0.32	0.48	13A(1¢)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
											· 17							
			PUCY-P600YSKD															
CU-2-3A	ROOF	MITSUBISHI	PUCY-P250YKD	VRF – 410A	63.74	68.0	1	5.95	9.50	14.25	32A(3φ)	1	ø 9.52	ø 22.22	10500	1650 x 920 x 740		
00-2-3A	Kooi	WITSOBISH	PUCY-P350YKD	VIII - FIDA	05.74	00.0	1	9.66	15.40	23.10	32A(3φ)	'	ø 12.70	ø 28.58	12600	1650 x 1220 x 740		
FCU-3A-1		MITSUBISHI	PEFY-P200VMHS-E	CEILING DUCTED	21.25	22.4	1 1	0.63	3.32	4.98	13A(1φ)	'	ø 9.52	ø 19.05	4320	470 x 1250 x 1120	DUTY	
	04 07 07 05/50 0004											'						ACD DIV 2 11 09 (17A/14
FCU-3A-2	01-07 OT SEVER ROOM	MITSUBISHI	PEFY-P200VMHS-E	CEILING DUCTED	21.25	22.4		0.63	3.32	4.98	13A(14)	'	ø 9.52	ø 19.05	4320	470 x 1250 x 1120		ACP-BLK 2-L1-08 (13A/10
FCU-3A-3		MITSUBISHI	PEFY-P200VMHS-E	CEILING DUCTED	21.25	22.4		0.63	3.32	4.98	13A(1¢)	'	ø 9.52	ø 19.05	4320	470 x 1250 x 1120		
011 0 70	2005		511014 50001445	VD5 4404	04.05	00.4			7.40	44.40	001/71)		1.050		10500	1050 000 710		
CU-2-3B	ROOF	MITSUBISHI	PUCY-P200YKD	VRF — 410A	21.25	22.4	1	4.66	7.40	11.10	20Α(3φ)	1	ø 9.52	ø 22.22	10500	1650 x 920 x 740	STANDBY	
FCU-3B-1	01-07 OT SEVER ROOM	MITSUBISHI	PEFY-P200VMHS-E	CEILING DUCTED	21.25	22.4	1	0.63	3.32	4.98	13A(1 _ф)	1	ø 9.52	ø 19.05	4320	470 x 1250 x 1120		
			PUCY-EP650YSKD															
CU-2-4A	ROOF	MITSUBISHI	PUCY-P300YKD	VRF – 410A	71.03	73.5	1	7.82	12.50	18.75	32A(3 _{\$\phi})	1	ø 12.70	ø 22.20	10500	1650 x 920 x 740		
			PUCY-P350YKD				1	9.66	15.40	23.10	32A(3¢)	1	ø 12.70	ø 28.58	12600	1650 x 1220 x 740		
FCU-4A-1	01-02 NCR	MITSUBISHI	PKFY-P100VKM-E	WALL MOUNTED	8.78	11.2	1	0.08	0.58	0.87	13A(1 _φ)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295		ACP-BLK 2-L1-01 (13A/1
FCU-4A-2	01-03 SPARE	MITSUBISHI	PKFY-P100VKM-E	WALL MOUNTED	8.58	11.2	1	0.20	1.34	2.01	13A(1¢)	1	ø 9.52	ø 15.88	2400	250 x 1600 x 732		ACP-BLK 2-L1-02 (13A/1
FCU-4A-3	01-05 NCR	MITSUBISHI	PKFY-P100VKM-E	WALL MOUNTED	8.68	11.2	1 1	0.08	0.58	0.87	13A(1¢)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295	DUTY	ACP-BLK 2-L1-03 (13A/1
FCU-4A-4	01-06 NCR	MITSUBISHI	PEFY-P140VMA-E	CEILING DUCTED	15.99	16.0	1	0.08	0.58	0.87	13Α(1φ)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295		ACP-BLK 2-L1-04 (13A/1
FCU-4A-5	01-08 BATTERY	MITSUBISHI	PEFY-P125VMA-E	CEILING DUCTED	12.52	14.0	1	0.20	1.23	1.85	13A(1 _φ)	1	ø 9.52	ø 15.88	2200	250 x 1400 x 732		ACP-BLK 2-L1-05 (13A/1
FCU-4A-6	01-09 NCR (S)	MITSUBISHI	PEFY-P125VMA-E	CEILING DUCTED	12.43	14.0	1	0.20	1.23	1.85	13A(1¢)	1	ø 9.52	ø 15.88	2200	250 x 1400 x 732		ACP-BLK 2-L1-06 (13A/1
FCU-4A-7	01-10 NCR (C)	MITSUBISHI	PEFY-P63VMA-E	CEILING DUCTED	6.89	7.1	1	0.03	0.36	0.54	13A(1¢)	1	ø 9.52	ø 15.88	1140	258 x 840 x 840		ACP-BLK 2-L1-07 (13A/1
FCU-4A-8	01-11 ELEC ROOM	MITSUBISHI	PKFY-P50VLM-E	WALL MOUNTED	4.04	5.6	1	0.04	0.35	0.53	13Α(1φ)	1	ø 6.35	ø 12.70	600	299 x 898 x 237		ACP-BLK 2-L1-09 (13A/1
											· · · · · · · · · · · · · · · · · · ·							
			PUCY-EP650YSKD															
CU-2-4B	ROOF	MITSUBISHI	PUCY-P300YKD	VRF – 410A	71.03	73.5	1	7.82	12.50	18.75	32A(3¢)	1	ø 12.70	ø 22.20	10500	1650 x 920 x 740		
_ · -	· · · · · · · · · · · · · · · · · · ·		PUCY-P350YKD					9.66	15.40	23.10	32A(3¢)	1	ø 12.70	ø 28.58	12600	1650 x 1220 x 740		
FCU-4B-1	01-02 NCR	MITSUBISHI	PKFY-P100VKM-E	WALL MOUNTED	8.58	11.2	1	0.08	0.58	0.87	13A(1φ)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295		
							1					'						
FCU-4B-2	01-03 SPARE	MITSUBISHI	PKFY-P100VKM-E	WALL MOUNTED	8.58	11.2		0.20	1.34	2.01	13A(14)	1 .	ø 9.52	ø 15.88	2400	250 x 1600 x 732	OT11175	
FCU-4B-3	01-05 NCR	MITSUBISHI	PKFY-P100VKM-E	WALL MOUNTED	8.68	11.2	1 1	0.08	0.58	0.87	13A(1¢)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295	STANDBY	
FCU-4B-4	01-06 NCR	MITSUBISHI	PEFY-P140VMA-E	CEILING DUCTED	15.99	16.0	1	0.08	0.58	0.87	13A(1 _ф)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295		
FCU-4B-5	01-08 BATTERY	MITSUBISHI	PEFY-P125VMA-E	CEILING DUCTED	12.52	14.0	1	0.20	1.23	1.85	13A(1¢)	1	ø 9.52	ø 15.88	2200	250 x 1400 x 732		
FCU-4B-6	01-09 NCR (S)	MITSUBISHI	PEFY-P125VMA-E	CEILING DUCTED	12.43	14.0	1	0.20	1.23	1.85	13A(1¢)	1	ø 9.52	ø 15.88	2200	250 x 1400 x 732		
FCU-4B-7	01-10 NCR (C)	MITSUBISHI	PEFY-P63VMA-E	CEILING DUCTED	6.89	7.1	1	0.03	0.36	0.54	13A(1¢)	1	ø 9.52	ø 15.88	1140	258 x 840 x 840		
	i ————	MITSUBISHI	PKFY-P50VLM-E	WALL MOUNTED	4.04	5.6	1 1	0.04	0.35	0.53	13A(1 _φ)	4	ø 6.35	ø 12.70	600	299 x 898 x 237		1

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Project Ref. No. : A2105-00599-2022





PEH SEOH CHIN HCD (Army Camps) D&B Main Contractor:

EDMUND TEO KUAN WEI Senior Programme Manager



e-mail : lianbengconstn@pacific.net.sg Website: www.lianbeng.com.sg

Architect:

ID ARCHITECTS PTE LTD HarbourFront Tower Two, Singapore 099254 Tel:6225 6011 Fax:6225 6022 general@idarchitects.com.sg www.idarchitects.com.sg



TW-ASIA Consultants Pte Ltd NO. 28 SIN MING LANE #04-137 MIDVIEW CITY SINGAPORE 573972 TEL : 62916292 FAX : 62932196

M&E Consultant:



Pdc Consultants Pte Ltd
MECHANICAL + ELECTRICAL 23 New Industrial Road #06-03 Solstice Business Center Singapore 536209 t: 6444 7748 f: 6444 7141 e: contact@pdcengrs.com



INTAC SYSTEMS SOLUTION PTE LTD BLOCK 1 KAKI BUKIT AVENUE 3 #04-03 KB-1, SINGAPORE 416087 Tel: +65 6842 7318 Fax: +65 6842 7319 Email: intacss@intacss.com.sg

D2019-00162

Project Title:

PROPOSED ADDITIONS OF 1 BLOCK OF 3-STOREY OFFICE BUILDING (BLK 2), 1 BLOCK OF 6-STOREY ACCOMMODATION BUILDING (BLK 3), 1 BLOCK OF 4-STOREY ACCOMMODATION BUILDING (BLK 4), 1 BLOCK OF 2-STOREY TRAINING MULTIPLEX (BLK 9), 1 BLOCK OF MSVS (BLK 10), AND ANCILLARY FACILITIES (BLK 5, 6 & 8) TO EXISTING DIEPPE BARRACK ON LOT 05019M MK13 AT SEMBAWANG ROAD (MANDAI PLANNING AREA)

Drawing title:

BLOCK 2 - ACMV EQUIPMENT SCHEDULE-01

	Initial	Date						
Drawn MS		30/12/2024	Scale	NTS				
Checked	HK	30/12/2024	Software	CAD				
Drawing no.: D2019	wing no.: D2019-00162/BLK 2/ACMV 05							

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