Air Conditioning Equipment Schedule - Level 2

Designation	Area Served	Brand /	Model Offered	Туре	Designed Capacity (kW)	Offered Capacity (kW)	Qty	No of Se	Power Input (kW)	Current	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
CU-2-5	ROOF	MITSUBISHI	PUCY-EP450YSKD PUCY-P200YKD PUCY-P250YKD	VRF – 410A	48.70	50.4	1		4.66 5.95	7.40 9.50	11.10 14.25	20A(3φ) 32A(3φ)	1 1	ø 9.52 ø 9.52	ø 22.22 ø 22.22	10500 10500	1650 x 920 x 740 1650 x 920 x 740		
FCU-5-1	02-01 CS & OPS ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	5.20	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-5-2		MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	5.20	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-5-3	02-01B Hd Ops	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	3.19	3.6	1	_	0.02	0.23	0.35	13A(1¢)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-5-4 FCU-5-5	02-01A Hd GS 02-01 ATO	MITSUBISHI	PLFY-P32VFM-E PLFY-P32VFM-E	4—WAY CEILING CASSETTE 4—WAY CEILING CASSETTE	3.26 1.66	3.6	1		0.02	0.23	0.35	13A(1φ) 13A(1φ)	1 1	ø 6.35 ø 6.35	ø 12.70 ø 12.70	570 570	208 x 570 x 570 208 x 570 x 570		
FCU-5-6	02-01 ARTY OPS	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.86	3.6	1	1	0.02	0.23	0.35	13A(1¢)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-5-7	02-01 FMS0	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.86	3.6	1		0.02	0.23	0.35	13A(1¢)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-5-8	02-02 O-ROOM	MITSUBISHI	PLFY-P63VEM-PA	4-WAY CEILING CASSETTE	7.09	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-5-9	02-03 TRAINING	MITSUBISHI	PLFY-P63VEM-PA	4-WAY CEILING CASSETTE	7.07	7.1	1	-	0.03	0.36	0.54	13A(1¢)	1	ø 9.52	ø 15.88	1140	258 x 840 x 840		
FCU-5-10		MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.58	3.6	1		0.02	0.23	0.35	13Α(1φ)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-5-11	- 02-04 INT BRANCH	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.58	3.6	1		0.02	0.23	0.35	13Α(1φ)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-5-12	UZ-UT INT BIVANCIT	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.58	3.6	1		0.02	0.23	0.35	13A(1¢)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-5-13		MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.58	3.6	1		0.02	0.23	0.35	13Α(1φ)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
			PUCY-EP650YSKD																
CU-2-6	ROOF	MITSUBISHI	PUCY-P350YKD	VRF - 410A	73.3	73.5	1	1	9.66	14.40	23.10	32A(3φ)	1	ø 12.70	ø 28.58	12600	1650 x 1220 x 740		
			PUCY-P300YKD				1		7.82	12.50	18.75	32A(3φ)	1	ø 12.70	ø 22.22	10500	1650 x 920 x 740		
FCU-6-1	02-01 CS & OPS ROOM	MITSUBISHI	PLFY-P100VEM-PA	4-WAY CEILING CASSETTE	10.41	11.2	1		0.07	0.67	1.01	13Α(1φ)	1	ø 9.52	ø 15.88	1740	298 x 840 x 840		
FCU-6-2	02-01 NSF	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	3.26	3.6	1		0.02	0.23	0.35	13A(1¢)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
PFCU-6-3	02-01 CS & OPS ROOM	MITSUBISHI	PEFY-P200VMHS-E-F	FRESH AIR INTAKE	11.55	22.4	1		0.26	1.66	2.49	13A(1¢)	1	ø 9.52	ø 19.05	1680	470 x 1250 x 1120		
FCU-6-4	02-01 Hd TRG	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	1.90	3.6	1		0.02	0.23	0.35	13A(1¢)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-6-5	02-01 OPS/TRG WO	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	1.90	3.6	1	1	0.02	0.23	0.35	13Α(1φ)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-6-6	02-01C Hd AP	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	3.14	3.6	1		0.02	0.23	0.35	13A(1¢)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-6-7	02-01 ENGR OPS	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.90	3.6	1		0.02	0.23	0.35	13A(1¢)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-6-8 FCU-6-9	02-02	MITSUBISHI	PLFY-P32VFM-E PLFY-P63VEM-PA	4—WAY CEILING CASSETTE 4—WAY CEILING CASSETTE	7.07	7.1	1		0.02	0.23	0.35	13A(1φ) 13A(1φ)	1	ø 6.35 ø 9.52	ø 12.70 ø 15.88	570 1140	208 x 570 x 570 258 x 840 x 840		
FCU-6-10	02-03 ITAINING	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.58	3.6	1		0.02	0.23	0.35	13Α(1φ)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-6-11		MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.58	3.6	1		0.02	0.23	0.35	13A(1¢)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-6-12		MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.58	3.6	1		0.02	0.23	0.35	13Α(1φ)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-6-13	02-04 DY Hd INT OFFICE	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.58	3.6	1		0.02	0.23	0.35	13Α(1φ)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
			DUCY EDGOOVSKD																
<u> </u>	ROOF	MITSUBISHI	PUCY-EP600YSKD PUCY-P350YKD	VRF - 410A	55.9	60.0	1		9.66	15.40	18.75	32A(3¢)	1	ø 12.70	ø 28.58	12600	1650 x 1220 x 740		
CU-2-7	ROOF	WIIZOBIZHI	PUCY-P250YKD	VRF - 410A	55.9	68.0	1		5.95	9.50	14.25	32A(3φ)	1	ø 9.52	ø 22.22	10500	1650 x 1220 x 740		
FCU-7-1	02-05 BF ROOM	MITSUBISHI	PLFY-P125VEM-PA	4-WAY CEILING CASSETTE	11.59	14.0	1		0.11	1.06	1.59	13A(1φ)	1	ø 9.52	ø 15.88	2100	298 x 840 x 840		
FCU-7-2	02-06 R-ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.68	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-7-3	02-12 INTERVIEW ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.18	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-7-4	02-11 INTERVIEW ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	3.92	5.6	1	1	0.03	0.32	0.48	13Α(1φ)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
FCU-7-5	02-08 CAMP OPS	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.61	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-7-6	02-09 LOG BRANCH	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.38	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-7-7	02-09 LOG BRANCH	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.38	5.6	1		0.03	0.32	0.48	13A(1¢)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
PFCU-7-8	02-07 STORE OUTSIDE	MITSUBISHI	PEFY-P125VMHS-E-F		11.55	14.0	1		0.22	1.43	2.49	13Α(1φ)	1	ø 9.52	ø 15.88	1080	380 x 1195 x 900		
FCU-7-9	02-09 DY HD LOG	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	3.43	3.6	1		0.02	0.23	0.35	13A(1φ)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-7-10	02-09 FMEO	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	3.05	3.6	1		0.02	0.23	0.35	13Α(1φ)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
			PUCY-EP400YSKD																
CU-2-8	ROOF	MITSUBISHI	PUCY-P200YKD	VRF - 410A	44.78	44.8	1		4.66	7.40	11.10	20Α(3φ)	1	ø 9.52	ø 22.22	10500	1650 x 920 x 740		
			PUCY-P200YKD				1		4.66	7.40	11.10	20Α(3φ)	1	ø 9.52	ø 22.22	10500	1650 x 920 x 740		
FCU-8-1	02-05 BF ROOM	MITSUBISHI	PLFY-P125VEM-PA	4-WAY CEILING CASSETTE	11.59	14.0	1		0.11	1.06	1.59	13Α(1φ)	1	ø 9.52	ø 15.88	2100	298 x 840 x 840		
FCU-8-2	02-06 R-ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.68	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-8-3	02-08 CAMP OPS	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.61	5.6	1	1	0.03	0.32	0.48	13Α(1φ)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
FCU-8-4	02-10 SMC	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	3.95	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-8-5	02-09 LOG BRANCH	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.38	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-8-7	02 00 51141405	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.38	5.6	1		0.03	0.32	0.48	13A(1¢)	1 1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
FCU-8-7 FCU-8-8	02-09 FINANCE 02-09 RESOURCE	MITSUBISHI	PLFY-P32VFM-E PLFY-P32VFM-E	4—WAY CEILING CASSETTE 4—WAY CEILING CASSETTE	3.50	3.6	1	-	0.02	0.23	0.35	13A(1φ) 13A(1φ)	1	ø 6.35 ø 6.35	ø 12.70 ø 12.70	570 570	208 x 570 x 570 208 x 570 x 570		
FCU-8-8 FCU-8-9	02-09 RESOURCE	WITSOBISHI	PLFY-P50VEM-PA		4.68	5.6	1	-	0.02	0.23	0.35	13A(1φ)	1	ø 6.35	ø 12.70 ø 12.70	1140	208 x 570 x 570 258 x 840 x 840		
FCU-0-9	02-03 NO LOG	MITORIOHI	I LET-FOUVEM-PA	T-WAI CEILING CASSETTE	4.00	3.6	'		0.03	U.JZ	0.40	ΙΟΑ(ΙΦ)		כנ.ס ע	¥ 12./U	1140	200 X 040 X 840		

M&E CONSULTANTS

Pdc Consultants Pte Ltd 23 NEW INDUSTRIAL ROAD #06-03 SOLSTICE BUSINESS CENTER SINGAPORE 536209 DATE RECEIVED:

RECEIVED BY:

DATE RETURNED: ☐ NO EXCEPTION TAKEN ☐ MAKE CORRECTIONS NOTED PRIOR TO GENERAL USE

☐ TO REVISE & RESUBMIT ☐ REJECTED & RESUBMIT

• Where resubmission is required, submit revised drawings for review prior to proceeding with work This review is for general arrangement only and does not extend to dimensions of setting out of the works and does not release the contractor of his responsibilities to ensure full compliance. THIS REVIEW DOES NOT RELEASE THE CONTRACTOR OF HIS RESPONSIBILITIES TO ENSURE WORKS IN COMPLIANCE TO CONTRACT SPECIFICATION, OTHER DRAWINGS AND STATUTORY REQUIREMENT HAVING JURISDICTION OVER THE INSTALLATION. AS-BUILT DRAWING

Project Ref. No. : A2105-00599-2022





PEH SEOH CHIN HCD (Army Camps)

D&B Main Contractor:



DEENN ENGINEERING PTE LTD

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EDMUND TEO KUAN WEI

Architect:

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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-02

Initial		Date		
Drawn	MS	30/12/2024	Scale	NTS
Checked	HK	30/12/2024	Software	CAD
Drawing no.:			Revision no.:	
D2019	9-00162/	00		

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