Air Conditioning Equipment Schedule - Level 2

Designation	Area Served		Model Offered	Туре	Designed Capacity (kW)	Offered Capacity (kW)	Qty	No of Set	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-EP450YSKD																
CU-2-5	ROOF	MITSUBISHI	PUCY-P200YKD	VRF – 410A	48.70	50.4	1		4.66	7.40	11.10	20A(3φ)	1	ø 9.52	ø 22.22	10500	1650 × 920 × 740		
			PUCY-P250YKD		10170	001.	1		5.95	9.50	14.25	32A(3 ϕ)	1	ø 9.52	ø 22.22	10500	1650 × 920 × 740		
FCU-5-1		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	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-5-3	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	02-01A Hd GS	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		
FCU-5-5	02-01 ATO	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	1.66	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-5-6	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	13A(1¢)	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	02-03 MAINING	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-5-11		MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.58	3.6	1		0.02	0.23	0.35	13A(1φ)	1	φ 6.35	ø 12.70	570	208 x 570 x 570		
	- 02-04 INT BRANCH						1						1						
FCU-5-12		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	13A(1¢)	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		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	13Α(1φ)	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	13Α(1φ)	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	13Α(1φ)	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	13Α(1φ)	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	13Α(1φ)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-6-8	02-02 O-ROOM	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	2.54	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-6-9	02-03 TRAINING	MITSUBISHI	PLFY-P63VEM-PA	4-WAY CEILING CASSETTE	7.07	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-6-10		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-6-11	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-6-12		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-6-13	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		
			PUCY-EP600YSKD																
CU-2-7	ROOF	MITSUBISHI	PUCY-P350YKD	VRF – 410A	55.9	68.0	1		9.66	15.40	18.75	32A(3φ)	1	ø 12.70	ø 28.58	12600	1650 x 1220 x 740		
			PUCY-P250YKD				1		5.95	9.50	14.25	32A(3¢)	1	ø 9.52	ø 22.22	10500	1650 x 920 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	13Α(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	13Α(1φ)	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 × 840 × 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	13Α(1φ)	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	FRESH AIR INTAKE	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(1¢)	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	13A(1¢)	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	20A(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	13A(1¢)	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 × 840 × 840		
FCU-8-3	02-08 CAMP OPS	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.61	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-8-4	02-10 SMC	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	3.95	5.6	1	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		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-8-6	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	02-09 FINANCE	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	3.50	3.6	1		0.02	0.23	0.45	13A(1φ)	1	ø 6.35	ø 12.70	570	208 x 570 x 570		
FCU-8-8	02-09 RESOURCE	MITSUBISHI	PLFY-P32VFM-E	4-WAY CEILING CASSETTE	3.00	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-8-9	02-09 Hd LOG	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	4.68	5.6	1		0.02	0.23	0.48	13A(1φ)	1	φ 6.35	ø 12.70	1140	258 x 840 x 840		
100-0-9	UZ-UB HU LUG	INITOOLOU	I LI I -I JUVLIVI-PA	T MAI CLILING CASSETTE	7.00] J.0	1		0.00	U.JZ	0.40	ιυπ(ιψ)	'	¥ 0.00	¥ 1∠./U	1140	200 x 040 X 040		

AS-BUILT DRAWING

Project Ref. No. : A2105-00599-2022

M&E CONSULTANTS
PdcConsultants Pte Ltd

23 NEW INDUSTRIAL ROAD #06-03
SOLSTICE BUSINESS CENTER SINGAPORE 536209

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INTAC SYSTEMS SOLUTION PTE LTD

Project No.: D2019-00162

D2019-001

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	30/12/24	Scale	NTS	
Checked	HK	30/12/24	Software	CAD	
Drawing no.:	Revision no.:				
D2019	00				

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