

OFFICAL (CLOSED)

Air Conditioning Equipment Schedule - Level 1

Designation	Area Served	Brand / Model Offered		Type	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
CU-2-1	ROOF	MITSUBISHI	PUCY-EP650YSKD	VRF - 410A	72.10	73.5													
			PUCY-P300YKD				1		7.82	12.50	18.75	32A(3Φ)	1	ø 12.70	ø 22.20	10500	1650 x 920 x 740		
			PUCY-P350YKD				1		9.66	15.40	23.10	32A(3Φ)	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	1	0.11	1.06	1.59	13A(1Φ)	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(1Φ)	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(1Φ)	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		0.03	0.36	0.54	13A(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	13A(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(1Φ)	1	ø 9.52	ø 15.88	1380	258 x 840 x 840		
FCU-1-7	01-19 IDS ROOM	MITSUBISHI	PLFY-P50VEM-PA	4-WAY CEILING CASSETTE	5.28	5.6	1		0.03	0.32	0.48	13A(1Φ)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
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(1Φ)	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	13A(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(1Φ)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
CU-2-2	ROOF	MITSUBISHI	PUCY-EP650YSKD	VRF - 410A	73.14	73.5													
			PUCY-P300YKD				1		7.82	12.5	18.75	32A(3Φ)	1	ø 12.70	ø 22.20	10500	1650 x 920 x 740		
			PUCY-P350YKD				1		9.66	15.40	23.10	32A(3Φ)	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	1	0.11	1.06	1.59	13A(1Φ)	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(1Φ)	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	13A(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		0.03	0.36	0.54	13A(1Φ)	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	13A(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	13A(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	13A(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(1Φ)	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(1Φ)	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(1Φ)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840		
CU-2-3A	ROOF	MITSUBISHI	PUCY-P600YSKD	VRF - 410A	63.74	68.0													
			PUCY-P250YKD				1		5.95	9.50	14.25	32A(3Φ)	1	ø 9.52	ø 22.22	10500	1650 x 920 x 740		
			PUCY-P350YKD				1		9.66	15.40	23.10	32A(3Φ)	1	ø 12.70	ø 28.58	12600	1650 x 1220 x 740		
FCU-3A-1	01-07 OT SEVER ROOM	MITSUBISHI	PEFY-P200VMHS-E	CEILING DUCTED	21.25	22.4	1	1	0.63	3.32	4.98	13A(1Φ)	1	ø 9.52	ø 19.05	4320	470 x 1250 x 1120		
FCU-3A-2		MITSUBISHI	PEFY-P200VMHS-E	CEILING DUCTED	21.25	22.4	1		0.63	3.32	4.98	13A(1Φ)	1	ø 9.52	ø 19.05	4320	470 x 1250 x 1120		
FCU-3A-3		MITSUBISHI	PEFY-P200VMHS-E	CEILING DUCTED	21.25	22.4	1		0.63	3.32	4.98	13A(1Φ)	1	ø 9.52	ø 19.05	4320	470 x 1250 x 1120		
CU-2-3B	ROOF	MITSUBISHI	PUCY-P200YKD	VRF - 410A	21.25	22.4	1		4.66	7.40	11.10	20A(3Φ)	1	ø 9.52	ø 22.22	10500	1650 x 920 x 740		
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(1Φ)	1	ø 9.52	ø 19.05	4320	470 x 1250 x 1120		
CU-2-4A	ROOF	MITSUBISHI	PUCY-EP650YSKD	VRF - 410A	71.03	73.5													
			PUCY-P300YKD				1		7.82	12.50	18.75	32A(3Φ)	1	ø 12.70	ø 22.20	10500	1650 x 920 x 740		
			PUCY-P350YKD				1		9.66	15.40	23.10	32A(3Φ)	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	1	0.08	0.58	0.87	13A(1Φ)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295		
FCU-4A-2	01-03 SPARE	MITSUBISHI	PKFY-P100VKM-E	WALL MOUNTED	8.58	11.2	1		0.20	1.34	2.01	13A(1Φ)	1	ø 9.52	ø 15.88	2400	250 x 1600 x 732		
FCU-4A-3	01-05 NCR	MITSUBISHI	PKFY-P100VKM-E	WALL MOUNTED	8.68	11.2	1		0.08	0.58	0.87	13A(1Φ)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295		
FCU-4A-4	01-06 NCR	MITSUBISHI	PEFY-P140VMA-E	CEILING DUCTED	15.99	16.0	1		0.08	0.58	0.87	13A(1Φ)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295		
FCU-4A-5	01-08 BATTERY	MITSUBISHI	PEFY-P125VMA-E	CEILING DUCTED	12.52	14.0	1		0.20	1.23	1.85	13A(1Φ)	1	ø 9.52	ø 15.88	2200	250 x 1400 x 732		
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(1Φ)	1	ø 9.52	ø 15.88	2200	250 x 1400 x 732		
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(1Φ)	1	ø 9.52	ø 15.88	1140	258 x 840 x 840		
FCU-4A-8	01-11 ELEC ROOM	MITSUBISHI	PKFY-P50VLM-E	WALL MOUNTED	4.04	5.6	1		0.04	0.35	0.53	13A(1Φ)	1	ø 6.35	ø 12.70	600	299 x 898 x 237		
CU-2-4B	ROOF	MITSUBISHI	PUCY-EP650YSKD	VRF - 410A	71.03	73.5													
			PUCY-P300YKD				1		7.82	12.50	18.75	32A(3Φ)	1	ø 12.70	ø 22.20	10500	1650 x 920 x 740		
			PUCY-P350YKD				1		9.66	15.40	23.10	32A(3Φ)	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	1	0.08	0.58	0.87	13A(1Φ)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295		
FCU-4B-2	01-03 SPARE	MITSUBISHI	PKFY-P100VKM-E	WALL MOUNTED	8.58	11.2	1		0.20	1.34	2.01	13A(1Φ)	1	ø 9.52	ø 15.88	2400	250 x 1600 x 732		
FCU-4B-3	01-05 NCR	MITSUBISHI	PKFY-P100VKM-E	WALL MOUNTED	8.68	11.2	1		0.08	0.58	0.87	13A(1Φ)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295		
FCU-4B-4	01-06 NCR	MITSUBISHI	PEFY-P140VMA-E	CEILING DUCTED	15.99	16.0	1		0.08	0.58	0.87	13A(1Φ)	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(1Φ)	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(1Φ)	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(1Φ)	1	ø 9.52	ø 15.88	1140	258 x 840 x 840		
FCU-4B-8	01-11 ELEC ROOM	MITSUBISHI	PKFY-P50VLM-E	WALL MOUNTED	4.04	5.6	1		0.04	0.35	0.53	13A(1Φ)	1	ø 6.35	ø 12.70	600	299 x 898 x 237		

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- 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
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AS-BUILT DRAWING

Project Ref. No. : A2105-00599-2022


Defence Science & Technology Agency


INNOVATION EXCELLENCE A.W.A.R.D. 2014 WINNER


CERTIFICATION INTERNATIONAL ISO 9001:2015


SINGAPORE QUALITY STANDARD SQA

PEH SEOH CHIN
HED (Army Camps)

EDMUND TEO KUAN WEI
Senior Programme Manager

D&B Main Contractor:


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29 Harrison Road, Lian