

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		1												
			PUCY-P300YKD				1		7.82	12.50	18.75	32A(3ø)	1	ø 12.70	ø 22.20	10500	1650 x 920 x 740			
			PUCY-P350YKD				1		9.66	15.40	23.10	32A(3ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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		1												
			PUCY-P300YKD				1		7.82	12.5	18.75	32A(3ø)	1	ø 12.70	ø 22.20	10500	1650 x 920 x 740			
			PUCY-P350YKD				1		9.66	15.40	23.10	32A(3ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	1	ø 6.35	ø 12.70	1140	258 x 840 x 840			
FCU-2-8	01-21 IDS ROOM	MITSUBISHI	PLFY-P63VEM-PA	4-WAY CEILING CASSETTE	6.41	7.1	1		0.03	0.36	0.54	13A(1ø)	1	ø 9.52	ø 15.88	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(1ø)	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(1ø)	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		1										DUTY		
			PUCY-P250YKD				1		5.95	9.50	14.25	32A(3ø)	1	ø 9.52	ø 22.22	10500	1650 x 920 x 740			
			PUCY-P350YKD				1		9.66	15.40	23.10	32A(3ø)	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		0.63	3.32	4.98	13A(1ø)	1	ø 9.52	ø 19.05	4320	470 x 1250 x 1120	ACP-BLK 2-L1-08 (13A/1ø)		
FCU-3A-2		MITSUBISHI	PEFY-P200VMHS-E	CEILING DUCTED	21.25	22.4	1		0.63	3.32	4.98	13A(1ø)	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(1ø)	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(3ø)	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(1ø)	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		1										DUTY		
			PUCY-P300YKD				1		7.82	12.50	18.75	32A(3ø)	1	ø 12.70	ø 22.20	10500	1650 x 920 x 740			
			PUCY-P350YKD				1		9.66	15.40	23.10	32A(3ø)	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(1ø)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295		ACP-BLK 2-L1-01 (13A/1ø)	
FCU-4A-2	01-03 SPARE	MITSUBISHI	PKFY-P100VKM-E	WALL MOUNTED	8.58	11.2	1		0.20	1.34	2.01	13A(1ø)	1	ø 9.52	ø 15.88	2400	250 x 1600 x 732		ACP-BLK 2-L1-02 (13A/1ø)	
FCU-4A-3	01-05 NCR	MITSUBISHI	PKFY-P100VKM-E	WALL MOUNTED	8.68	11.2	1		0.08	0.58	0.87	13A(1ø)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295		ACP-BLK 2-L1-03 (13A/1ø)	
FCU-4A-4	01-06 NCR	MITSUBISHI	PEFY-P140VMA-E	CEILING DUCTED	15.99	16.0	1		0.08	0.58	0.87	13A(1ø)	1	ø 9.52	ø 15.88	1560	365 x 1170 x 295		ACP-BLK 2-L1-04 (13A/1ø)	
FCU-4A-5	01-08 BATTERY	MITSUBISHI	PEFY-P125VMA-E	CEILING DUCTED	12.52	14.0	1		0.20	1.23	1.85	13A(1ø)	1	ø 9.52	ø 15.88	2200	250 x 1400 x 732		ACP-BLK 2-L1-05 (13A/1ø)	
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(1ø)	1	ø 9.52	ø 15.88	2200	250 x 1400 x 732		ACP-BLK 2-L1-06 (13A/1ø)	
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(1ø)	1	ø 9.52	ø 15.88	1140	258 x 840 x 840		ACP-BLK 2-L1-07 (13A/1ø)	
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(1ø)	1	ø 6.35	ø 12.70	600	299 x 898 x 237		ACP-BLK 2-L1-09 (13A/1ø)	
CU-2-4B	ROOF	MITSUBISHI	PUCY-EP650YSKD	VRF - 410A	71.03	73.5			1										STANDBY	
			PUCY-P300YKD				1			7.82	12.50	18.75	32A(3ø)	1	ø 12.70	ø 22.20	10500	1650 x 920 x 740		
			PUCY-P350YKD				1	9.66		15.40	23.10	32A(3ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	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(1ø)	1	ø 6.35	ø 12.70	600	299 x 898 x 237			

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AS-BUILT DRAWING
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Defence Science & Technology Agency



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