

FAN COIL UNIT (FCU)																				
UNIT	MAKE AND MODEL (APPROVED EQUIVALENT)	AREA SERVED	TYPE	CONNECTED ACCU	OA (CFM)	COOLING LOAD CAP.		COOLING COIL						ELECTRICAL					SIZE LxWxH (IN)	SOUND LEVEL (DBA)
								ENT AIR		LEAVING AIR										
						TOTAL (BTUH)	SENS. (BTUH)	DB°F	WB°F	DB°F	WB°F	SA (CFM)	ESP (IN. WG)	MOP	MCA	SEER	W	V/PH/Hz		
FCU-1	DAIKIN FXMQ54PBVJU	Zone 1, Second Floor	HORIZONTAL DUCTED	ACCU-1A	130	39,300	35,500	73.5	60.4	55	54	1,717	0.7	15	3.4	-	-	208/1/60	56x28x12	46
FCU-2	DAIKIN FTXS18LVJU	Zone 2, Second Floor	DUCTLESS, WALL MOUNTED	ACCU-2	10	13,700	12,200	73.3	60.5	55	54	596	0.7	-	-	20.3	1.42	208/1/60	42x10x14	62
FCU-3	DAIKIN FXMQ36PBVJU	Zone 3, Second Floor	HORIZONTAL DUCTED	ACCU-1A	90	25,400	22,700	73.4	60.4	55	54	1,109	0.7	15	2.9	-	-	208/1/60	56x28x12	43
FCU-4	DAIKIN FXMQ30PBVJU	Zone 4, Second Floor	HORIZONTAL DUCTED	ACCU-1B	50	20,200	18,700	73.5	60.9	55	54	825	0.7	15	2.8	-	-	208/1/60	56x28x12	43
FCU-5	DAIKIN FXMQ48PBVJU	Zone 5, Second Floor	HORIZONTAL DUCTED	ACCU-1B	130	34,400	32,900	73.8	59.6	55	54	1,582	0.8	15	3.4	-	-	208/1/60	56x28x12	44
FCU-6	DAIKIN FTXS24LVJU	Zone 6, Second Floor	DUCTLESS, WALL MOUNTED	ACCU-3	5	14,300	14,200	75.1	59.2	55	54	643	-	-	-	20	1.72	208/1/60	42x10x14	67
FCU-7	DAIKIN FXMQ09PBVJU	Zone 7, Second Floor	HORIZONTAL DUCTED	ACCU-1C	15	7,000	6,700	74.2	59.7	55	54	313	0.5	15	0.6	-	-	208/1/60	22x28x12	33
FCU-8	DAIKIN FXMQ18PBVJU	Zone 8, Second Floor	HORIZONTAL DUCTED	ACCU-1B	55	13,300	11,800	73.2	60.5	55	54	580	0.5	15	1.6	-	-	208/1/60	40x28x12	42
FCU-9	DAIKIN FXMQ30PBVJU	Zone 9, Second Floor	HORIZONTAL DUCTED	ACCU-1C	75	25,600	24,500	74.2	59.7	55	54	1,274	0.7	15	2.9	-	-	208/1/60	56x28x12	43
FCU-10	DAIKIN FXMQ12PBVJU	Zone 10, Second Floor	HORIZONTAL DUCTED	ACCU-1C	25	8,100	7,600	73.7	59.8	55	54	364	0.7	15	1.4	-	-	208/1/60	28x12x28	39
FCU-11	DAIKIN FXMQ24PBVJU	Zone 11, Second Floor	HORIZONTAL DUCTED	ACCU-1C	50	16,700	15,800	73.8	59.6	55	54	779	0.7	15	1.8	-	-	208/1/60	40x28x12	42
FCU-12	DAIKIN FXMQ72MVJU	First Floor Conference Room	HORIZONTAL DUCTED	ACCU-4	175	56,300	46,300	78.4	63.5	55	54	1,823	0.7	15	9.0	-	-	208/1/60	55x44x19	48
FCU-13	DAIKIN FXAQ24PVJU	First Floor Conference Room	DUCTLESS, WALL MOUNTED	ACCU-4	0	21,700	20,800	78.2	61.3	55	54	823	-	15	0.6	-	-	208/1/60	42x10x12	47
FCU-14	DAIKIN FBQ30PVJU	First Floor Office	HORIZONTAL DUCTED	ACCU-5	30	20,600	19,200	78.8	62.0	55	54	732	0.5	15	2.3	16	2.12	208/1/60	40x28x12	43
FCU-15	DAIKIN FHQ42MVJU	Air Tower Control	HORIZONTAL DUCTED	ACCU-6	0	40,500	28,200	80.0	67.0	55	54	700		15	1.4	15	4.47	208/1/60	63x27x8	47

DEDICATED OUTDOOR AIR SYSTEM (DOAS)

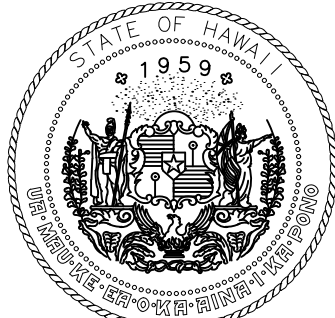
UNIT	MAKE AND MODEL (APPROVED EQUIVALENT)	LOCATION	UNITS SERVED	TYPE	OA (CFM)	COOLING LOAD CAP.		COOLING COIL				ELECTRICAL		SIZE LxWxH (IN)	WEIGHT (LBS)	
								ENT AIR		LEAVING AIR						
						TOTAL (MBH)	SENS. (MBH)	DB°F	WB°F	DB°F	WB°F	ESP (IN. WG)	V/PH/Hz			MCA
DOAS -1	DAIKIN FXMQ48MFVJU	SECOND FLOOR RESTROOM	SECOND FLOOR FCUS	HORIZONTAL DUCTED	635	45.0	21.0	87	75	55	54	1.00	208/1/60	1.9	30x44x19	189.6

AIR COOLED CONDENSING UNIT (ACCU) SCHEDULE

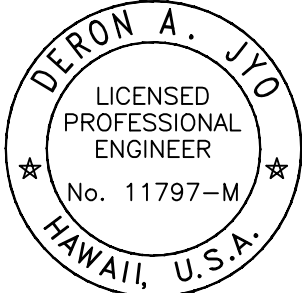
UNIT	MAKE AND MODEL (APPROVED EQUIVALENT)	UNIT SERVED	CAPACITY (TONS)	REFRIG. TYPE	CONDENSER FAN			ELECTRICAL						SIZE LxWxH (IN)	UNIT WT. (LB)
					AMBIENT AIR TEMP (F)	NO.	TYPE	MCA	MOP	RLA	V/PH/HZ	SEER			
ACCU-1A	DAIKIN RXYQ72XATJA	FCU1 AND FCU3	6	410A	95.0	1	INVERTER	27.6	35	15.7	208/3/60	25.9	37x31x67	436.5	
ACCU-1B	DAIKIN RXYQ72XATJA	FCU4, FCU5, AND FCU8	6	410A	95.0	1	INVERTER	27.6	35	15.7	208/3/60	25.9	37x31x67	436.5	
ACCU-1C	DAIKIN RXYQ72XATJA	FCU-7, FCU9, FCU-10, AND FCU11	6	410A	95.0	1	INVERTER	27.6	35	15.7	208/3/60	25.9	37x31x67	436.5	
ACCU-2	DAIKIN RXS18LVJU	FCU-2	1.5	410A	95.0	1	INVERTER	13.8	20	-	208/1/60	20	33x12x29	104	
ACCU-3	DAIKIN RXS24LVJU	FCU-6	2	410A	95.0	1	INVERTER	17.5	20	-	208/1/60	20	36x13x31	159	
ACCU-4	DAIKIN RXYQ96XATJA	FCU-12 AND FCU-13	8	410A	95.0	2	INVERTER	36.3	45	23.8	208/3/60	25.9	49x31x67	524.7	
ACCU-5	DAIKIN RZQ30TAVJUA	FCU-14	2.5	410A	95.0	2	INVERTER	29.1	35	19	208/1/60	16	36x13x53	225	
ACCU-6	DAIKIN RZQ42TAVJUA	FCU-15	3.5	410A	95.0	2	INVERTER	29.1	35	19	208/1/60	14	36x13x53	225	
ACCU-DOAS	DAIKIN RXYQ72XATJA	DOAS-1	6	410A	95.0	1	INVERTER	27.6	35	15.7	208/3/60	25.9	37x31x67	436.5	

TYPICAL AIR DIFFUSER AND GRILLE SCHEDULE

"A"	CEILING DIFFUSER: PER SPECIFICATIONS. DIRECTIONAL FLOW SHALL BE 4-WAY UNLESS SHOWN OTHERWISE.				
	CFM RANGE - SUPPLY	OUTSIDE FRAME DIMENSIONS	ROUND NECK SIZE		
	0-149	24"X24"	6"Ø		
	150-279	24"X24"	8"Ø		
	280-379	24"X24"	10"Ø		
	380-549	24"X24"	12"Ø		
	550-639	24"X24"	14"Ø		
	640-860	24"X24"	15"Ø		
"B"	SUPPLY AND RETURN TRANSFER GRILLES				
	CFM RANGE - RETURN	MINIMUM NECK SIZE			
	0-129	6"X6"			
	130-259	8"X8"			
	260-354	10"X10"			
	355-529	12"X12"			
	530-729	14"X14"			
	730-809	16"X16"			
	810-1029	18"X18"			
"C"	SIDEWALL SUPPLY AND RETURN GRILLE: PER SPECIFICATIONS				
	CFM RANGE - SUPPLY AND TRANSFER	MINIMUM NECK SIZE			
	0-50	6"X6"			
	200	22"X6"			
	DIFFUSER AND GRILLE KEY:				
SUPPLY		RETURN			
DIFFUSER TYPE & THROW DIRECTION	A4-150	AIRFLOW QUANTITY (CFM)	REGISTER TYPE	B-200	AIRFLOW QUANTITY (CFM)



Airports Division
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII



04/30/2024

Signature of Deron A. Jyo

This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.

NO.	DATE	REVISIONS
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FINAL
SUBMITTAL

09/30/22
DATE

PROJECT TITLE :

AIR TRAFFIC CONTROL
TOWER REPAIRS

AT
KALAELOA AIRPORT
BARBERS POINT, OAHU, HAWAII

PROJECT NO.:

AO5024-03

SHEET TITLE:

EQUIPMENT
SCHEDULES

DATE :
9/30/22
SHEET :
45 OF 49 SHEET

DWG. NO.

M601