

## VARIABLE REFRIGERANT VOLUME - INDOOR UNIT SCHEDULE

TAG: ROOM	TYPE	CONNECTED TO:		SUPPLY FAN	COOLING CAPACITY			HEATING CAPACITY		ELECTRICAL			DIMENSIONS	WEIGHT	NOMINAL TONNAGE	BASIS OF DESIGN (DAIKIN)	NOTES	
		CONDENSING UNIT	ZONE CHANGE/OVER DEVICE		AIR FLOW RATE CFM	TOTAL Btu/hr	SENSIBLE Btu/hr	ENTERING AIR °F DB	ENTERING AIR °F WB	TOTAL Btu/hr	ENTERING AIR °Fdb	POWER SUPPLY Voltage - Phase						Min Circuit Amps
AHU-1	2Cass	CU1	No	320	8,833	5,623	75.2	65	11,100	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.8	FXZQ09MVJIU9	
AHU-2	2Cass	CU1	No	320	8,833	5,623	75.2	65	11,100	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.8	FXZQ09MVJIU9	
AHU-3	2Cass	CU1	No	320	8,833	5,623	75.2	65	11,100	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.8	FXZQ09MVJIU9	
AHU-4	2Cass	CU1	No	320	8,833	5,623	75.2	65	11,100	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.8	FXZQ09MVJIU9	
AHU-5	2Cass	CU1	No	320	8,833	5,623	75.2	65	11,100	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.8	FXZQ09MVJIU9	
AHU-6	2Cass	CU1	No	320	8,833	5,623	75.2	65	11,100	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.8	FXZQ09MVJIU9	
AHU-7	2Cass	CU1	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-8	2Cass	CU1	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-9	2Cass	CU1	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-10	2Cass	CU1	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-11	2Cass	CU1	No	320	8,833	5,623	75.2	65	11,100	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.8	FXZQ09MVJIU9	
AHU-12	2Cass	CU1	No	320	8,833	5,623	75.2	65	11,100	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.8	FXZQ09MVJIU9	
AHU-13	2Cass	CU1	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-14	2Cass	CU1	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-50	2Cass	CU1	No	320	6,967	4,736	75.2	65	8,700	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.5	FXZQ07MVJIU9	
AHU-15	DuctMS	CU2	No	450	11,169	7,790	75.2	65	13,990	68	208V 1ph	1.4	15A	27.6x11.8x27.6	62	1.0	FXMQ12PBVIU	
AHU-16	2Cass	CU2	No	494	16,733	10,690	75.2	65	21,000	68	208V 1ph	0.9	15A	22.6x11.3x22.6	42	1.5	FXZQ18MVJIU9	
AHU-17	2Cass	CU2	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-18	2Cass	CU2	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-19	2Cass	CU2	No	494	16,733	10,690	75.2	65	21,000	68	208V 1ph	0.9	15A	22.6x11.3x22.6	42	1.5	FXZQ18MVJIU9	
AHU-20	2Cass	CU2	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-21	2Cass	CU2	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-22	2Cass	CU2	No	494	16,733	10,690	75.2	65	21,000	68	208V 1ph	0.9	15A	22.6x11.3x22.6	42	1.5	FXZQ18MVJIU9	
AHU-23	2Cass	CU2	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-24	2Cass	CU2	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-25	2Cass	CU2	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-26	2Cass	CU2	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-51	WallMt	CU2	No	260	7,500	6,400	75.2	65	0	0	208V 1ph	0.4	15A	31.3x11.38x9.3	26	0.5	FXAQ07PVJU	
AHU-27	2Cass	CU3	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-28	2Cass	CU3	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-29	2Cass	CU3	No	320	8,833	5,623	75.2	65	11,100	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.8	FXZQ09MVJIU9	
AHU-30	DuctMS	CU3	No	317	6,984	5,128	75.2	65	8,803	68	208V 1ph	0.6	15A	21.7x11.8x27.6	55	0.5	FXMQ07PBVIU	
AHU-31	2Cass	CU3	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-32	2Cass	CU3	No	494	16,733	10,690	75.2	65	21,000	68	208V 1ph	0.9	15A	22.6x11.3x22.6	42	1.5	FXZQ18MVJIU9	
AHU-33	2Cass	CU3	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-34	2Cass	CU3	No	320	8,833	5,623	75.2	65	11,100	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.8	FXZQ09MVJIU9	
AHU-35	2Cass	CU3	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-36	2Cass	CU3	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-37	2Cass	CU3	No	494	16,733	10,690	75.2	65	21,000	68	208V 1ph	0.9	15A	22.6x11.3x22.6	42	1.5	FXZQ18MVJIU9	
AHU-52	WallMt	CU3	No	260	7,500	6,400	75.2	65	0	0	208V 1ph	0.4	15A	31.3x11.38x9.3	26	0.5	FXAQ07PVJU	
AHU-38	2Cass	CU4	No	494	16,733	10,690	75.2	65	21,000	68	208V 1ph	0.9	15A	22.6x11.3x22.6	42	1.5	FXZQ18MVJIU9	
AHU-39	2Cass	CU4	No	320	6,967	4,736	75.2	65	8,700	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.5	FXZQ07MVJIU9	
AHU-40	2Cass	CU4	No	320	6,967	4,736	75.2	65	8,700	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.5	FXZQ07MVJIU9	
AHU-41	2Cass	CU4	No	320	6,967	4,736	75.2	65	8,700	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.5	FXZQ07MVJIU9	
AHU-42	2Cass	CU4	No	335	11,133	6,746	75.2	65	14,000	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	1.0	FXZQ12MVJIU9	
AHU-43	2Cass	CU4	No	494	16,733	10,690	75.2	65	21,000	68	208V 1ph	0.9	15A	22.6x11.3x22.6	42	1.5	FXZQ18MVJIU9	
AHU-44	2Cass	CU4	No	494	16,733	10,690	75.2	65	21,000	68	208V 1ph	0.9	15A	22.6x11.3x22.6	42	1.5	FXZQ18MVJIU9	
AHU-45	DuctMS	CU4	No	450	11,169	7,790	75.2	65	13,990	68	208V 1ph	1.4	15A	27.6x11.8x27.6	62	1.0	FXMQ12PBVIU	
AHU-46	2Cass	CU4	No	494	16,733	10,690	75.2	65	21,000	68	208V 1ph	0.9	15A	22.6x11.3x22.6	42	1.5	FXZQ18MVJIU9	
AHU-47	2Cass	CU4	No	320	6,967	4,736	75.2	65	8,700	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.5	FXZQ07MVJIU9	
AHU-48	2Cass	CU4	No	320	6,967	4,736	75.2	65	8,700	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.5	FXZQ07MVJIU9	
AHU-49	2Cass	CU4	No	320	6,967	4,736	75.2	65	8,700	68	208V 1ph	0.8	15A	22.6x11.3x22.6	42	0.5	FXZQ07MVJIU9	

**Schedule Notes:**

- New and extremely compact casing (2'x2') enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- Built-in condensate pump (FXDQ\_M, FXFQ\_P, FXFQ\_T, FXMQ\_M, FXMQ\_P, FXUQ\_P, FXZQ\_M)
- Standard Limited Warranty: 10-year warranty on compressor and all parts
- Easy of installation with auto adjusting airflow at commissioning based on external static pressure
- Easy maintenance with service access from below
- MERV 8 filters on DuctMS models

ALTERNATE MANUFACTURERS SHALL BE CONSIDERED. SUBMITTALS TO NOTE EXCEPTIONS TO COMPLIANCE WITH SCHEDULE, SPECIFICATIONS AND NOTES

### EXHAUST FAN SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	CFM	E.S.P. (IN W.C.)	VOLTAGE (V/PH/Hz)	OPERATING POWER	DRIVE TYPE	DUCT SIZE CONNECTION
EF-1-X	GREENHECK	SP-B90	RESTROOM	70	0.25	115/1/60	16 W	DIRECT	4"φ

**NOTES:**

- EXHAUST FANS SHALL HAVE INTEGRAL BACK DRAFT DAMPERS
- RESTROOM EXHAUST FANS SHALL BE INTERLOCKED WITH LIGHT SWITCH COORDINATE WITH ELECTRICAL

## OUTDOOR AIR CALCULATIONS

UNIT	SPACE TYPE	SOFT	OCCUPANCY DENSITY PER 1000 SQFT	ESTIMATED OCCUPANCY	VENTILATION RATE CFM/PERSON	VENTILATION RATE CFM/SQFT	MINIMUM OUTDOOR AIR REQUIRED (CFM)	OUTDOOR AIR PROVIDED (CFM)
OAU-1	DAYCARE	574.7	25	18	10	0.18	283	3500
	DAYCARE	565	25	18	10	0.18	282	
	DAYCARE	565	25	18	10	0.18	282	
	DAYCARE	631.1	25	20	10	0.18	314	
	DAYCARE	631.1	25	20	10	0.18	314	
	DAYCARE	631.1	25	20	10	0.18	314	
	CLASSROOM	140	25	4	10	0.12	57	
	MULTIUSE	1085.8	100	109	7.5	0.06	883	
	CORRIDOR	631.1	-	-	0	0.06	610	
	OFFICE	126.5	5	1	5	0.06	13	
OAU-2	RECEPTION	85.1	30	3	5	0.06	20	
	LOBBY	466.2	-	5	7.5	0.06	65	
	MULTIUSE	1075	100	108	7.5	0.06	875	
	OFFICE	606	5	33	5	0.06	201	
	OFFICE	120	5	3	5	0.06	22	
	OFFICE	120	5	3	5	0.06	22	
	OFFICE	240	5	3	5	0.06	29	
	CONFERENCE	847.8	50	57	5	0.06	336	
	STORAGE	184	-	-	0	0.12	22	
	OFFICE	120	5	3	5	0.06	22	
OAU-3	OFFICE	120	5	3	5	0.06	22	
	OFFICE	282	5	19	5	0.06	112	
	OFFICE	54.9	5	6	5	0.06	63	
	CORRIDOR	1050.6	-	-	0	0.06	63	
	DAYCARE	356.2	25	12	10	0.18	184	
	DAYCARE	351.7	25	12	10	0.18	183	
	DAYCARE	356.2	25	12	10	0.18	184	
	DAYCARE	360	25	12	10	0.18	185	
	DAYCARE	440.3	25	14	10	0.18	219	
	DAYCARE	355.6	25	12	10	0.18	184	
TOTALS						-	-	

- OCCUPANT DENSITIES AND VENTILATION RATES BASED ON TABLE 403.3 OF THE 2014 FLORIDA MECHANICAL CODE. ACTUAL OCCUPANCY BASED ON INFORMATION PROVIDED BY OWNER AND/OR ARCHITECT.
- ALL DUCTWORK SHALL BE KEPT SEALED TO PREVENT CONTAMINATION BY DUST OR OTHER DEBRIS DURING CONSTRUCTION. SEAL THE END OF DUCTWORK WITH PLASTIC SHEETING AND DUCT TAPE. PROTECT ALL DUCTWORK STORED ON-SITE PRIOR TO FABRICATION AND INSTALLATION IN A SIM