

### FAN COIL UNIT SCHEDULE

MARK	SERVES	LOCATION	ARRANGEMENT	CFM	EXT S.P. (IN. W.G.)	COOLING COIL						HEATING COIL						DIMENSIONS (LxWxH) (IN)	OPERATING WEIGHT (LBS)	BASIS OF DESIGN OR EQUAL		REMARKS					
						EAT (DB/WB) (°F)	LAT (DB/WB) (°F)	CAPACITY (BTUH)		MAX. ROWS	MAX WPD (FT)	FLUID DATA			EAT (DB) (°F)	LAT (DB) (°F)	TOTAL CAPACITY (BTUH)			MAX. ROWS	MAX WPD (FT)		FLUID DATA			MANUFACTURER	MODEL
								TOTAL	SENSIBLE			EWT (°F)	LWT (°F)	GPM									EWT (°F)	LWT (°F)	GPM		
FCU B-1	SEE PLANS	SEE PLANS	VERTICAL	335	0	80 / 67	55.3 / 55.1	12379	9039	3	0.6	44	52.3	1.25	70	90.6	7547	1	0.31	160	105.2	0.3	46 X 10 X 25	110	DAIKIN	FCVC104	(1) (2) (4) (5)
FCU B-2	SEE PLANS	SEE PLANS	VERTICAL	600	0	80 / 67	57.5 / 55.5	21367	18053	3	6.5	44	54.7	4.0	70	92.8	14967	1	1.42	160	105.2	0.5	62.5 X 10 X 25	155	DAIKIN	FCVC108	(1) (3) (4) (5)
FCU 1-01	SEE PLANS	SEE PLANS	VERTICAL	320	0	80 / 67	56.4 / 55.2	11739	8246	4	2.2	44	53.4	2.5	70	84.1	9440	1	0.12	160	104.9	0.2	35 X 10 X 25	85	DAIKIN	FCVC102	(1) (2) (4) (5)
FCU 1-02	SEE PLANS	SEE PLANS	VERTICAL	875	0	80 / 67	57.3 / 56	30112	21758	4	10	44	57.4	4.5	70	88.1	17323	1	1.81	160	104.9	0.6	62.5 X 10 X 25	180	DAIKIN	FCVC108	(1) (2) (4) (5)
FCU 1-03	SEE PLANS	SEE PLANS	VERTICAL	875	0	80 / 67	57.3 / 56	30112	21758	4	10	44	57.4	4.5	70	88.1	17323	1	1.81	160	104.6	0.6	62.5 X 10 X 25	155	DAIKIN	FCVC108	(1) (2) (4) (5)
FCU 1-04	SEE PLANS	SEE PLANS	VERTICAL	800	0	80 / 67	57.2 / 56	27598	19955	4	8.2	44	57.8	4.0	70	89.2	16815	1	1.73	160	105.0	0.6	62.5 X 10 X 25	155	DAIKIN	FCVC108	(1) (2) (4) (5)
FCU 1-05	SEE PLANS	SEE PLANS	VERTICAL	160	0	80 / 67	57.3 / 55.9	5553	4845	3	0.4	44	55.1	1.0	70	97.4	4798	1	0.17	160	120.0	0.2	35 X 10 X 25	85	DAIKIN	FCVC102	(1) (2) (4) (5)
FCU 1-06	SEE PLANS	SEE PLANS	VERTICAL	200	0	80 / 67	56.0 / 55.4	7260	5240	3	1.4	44	51.3	2.0	70	98.4	6203	1	0.3	160	115.0	0.3	40.5 X 10 X 25	95	DAIKIN	FCVC103	(1) (2) (4) (5)
FCU 1-07	SEE PLANS	SEE PLANS	VERTICAL	280	0	80 / 67	55.4 / 54.2	11029	7542	4	2.4	44	52.8	2.5	70	97.3	8352	1	0.54	160	120.3	0.4	40.5 X 10 X 25	95	DAIKIN	FCVC103	(1) (2) (4) (5)
FCU 1-08	SEE PLANS	SEE PLANS	VERTICAL	300	0	80 / 67	55.0 / 54.8	11353	8200	4	1.8	44	55.4	2.0	70	91.0	6897	1	0.26	160	104.7	0.2	46 X 10 X 25	110	DAIKIN	FCVC104	(1) (2) (4) (5)
FCU 1-09	SEE PLANS	SEE PLANS	VERTICAL	265	0	80 / 67	57.1 / 55.6	9431	8098	3	2.4	44	51.5	2.5	70	85.0	4351	1	0.1	160	104.9	0.2	40.5 X 10 X 25	95	DAIKIN	FCVC103	(1) (2) (4) (5)
FCU 1-10	SEE PLANS	SEE PLANS	VERTICAL	185	0	80 / 67	55.5 / 54.4	7187	5974	3	1.4	44	51.2	2.0	70	87.6	3566	1	0.1	160	105.2	0.1	40.5 X 10 X 25	95	DAIKIN	FCVC103	(1) (2) (4) (5)
FCU 1-11	SEE PLANS	SEE PLANS	VERTICAL	300	0	80 / 67	55.2 / 54.9	11249	9783	3	2.2	44	53.0	2.5	70	91.0	6897	1	0.26	160	104.78	0.2	46 X 10 X 25	110	DAIKIN	FCVC104	(1) (2) (4) (5)
FCU 1-12	SEE PLANS	SEE PLANS	VERTICAL	185	0	80 / 67	55.5 / 54.4	7187	5974	3	1.4	44	51.2	2.0	70	87.6	3566	1	0.1	160	105.2	0.1	40.5 X 10 X 25	95	DAIKIN	FCVC103	(1) (2) (4) (5)
FCU 1-13	SEE PLANS	SEE PLANS	VERTICAL	355	0	80 / 67	55.6 / 55.1	13090	11423	3	3	44	52.7	3.0	70	98.2	10928	1	1.0	160	119.8	0.5	46 X 10 X 25	110	DAIKIN	FCVC104	(1) (2) (4) (5)
FCU 1-14	SEE PLANS	SEE PLANS	VERTICAL	415	0	80 / 67	56.1 / 55.4	14933	13112	3	3.9	44	52.5	3.5	70	95.9	11756	1	1.13	160	120.2	0.6	46 X 10 X 25	110	DAIKIN	FCVC104	(1) (2) (4) (5)
FCU 1-15	SEE PLANS	SEE PLANS	VERTICAL	150	0	80 / 67	56.7 / 55.4	5409	4647	3	0.4	44	54.8	1.0	70	98.5	4683	1	0.16	160	120.1	0.2	35 X 10 X 25	85	DAIKIN	FCVC102	(1) (2) (4) (5)
FCU 1-16	SEE PLANS	SEE PLANS	VERTICAL	620	0	80 / 67	55.9 / 54.3	24160	19700	4	6.6	44	57.8	3.5	70	92.3	15089	1	1.4	160	104.8	0.5	62.5 X 10 X 25	155	DAIKIN	FCVC108	(1) (2) (4) (5)
FCU 1-17	SEE PLANS	SEE PLANS	VERTICAL	875	0	80 / 67	57.2 / 55.3	31834	26599	4	10.9	44	57.5	4.7	70	88.1	17323	1	1.8	160	104.6	0.6	62.5 X 10 X 25	155	DAIKIN	FCVC108	(1) (3) (4) (5)
FCU 2-01	SEE PLANS	SEE PLANS	VERTICAL	150	0.03	80 / 67	55.2 / 54.3	5865	4062	3	0.7	44	51.8	1.5	70	97.2	2815	1	0.04	160	105.0	0.1	35 X 10 X 25	85	DAIKIN	FCVC102	(1) (2) (4) (5)
FCU 2-02	SEE PLANS	SEE PLANS	VERTICAL	715	0	80 / 67	56.3 / 55.2	26269	18551	4	8.2	44	57.1	4.0	70	90.6	16121	1	1.6	160	105.2	0.6	62.5 X 10 X 25	155	DAIKIN	FCVC108	(1) (2) (4) (5)
FCU 2-03	SEE PLANS	SEE PLANS	VERTICAL	675	0	80 / 67	55.9 / 54.3	26444	21484	4	8.3	44	57.2	4.0	70	91.3	15727	1	1.6	160	105.1	0.6	62.5 X 10 X 25	155	DAIKIN	FCVC108	(1) (2) (4) (5)
FCU 2-04	SEE PLANS	SEE PLANS	VERTICAL	570	0	80 / 67	55.4 / 53.7	23133	18448	3	7.6	44	55.6	4.0	70	89.7	12276	1	0.91	160	105.2	0.4	57 X 10 X 25	135	DAIKIN	FCVC106	(1) (2) (4) (5)
FCU 2-05	SEE PLANS	SEE PLANS	VERTICAL	320	0	80 / 67	55.8 / 55.3	11592	10228	3	2.2	44	53.3	2.5	70	90.8	7274	1	0.3	160	105.0	0.3	46 X 10 X 25	110	DAIKIN	FCVC104	(1) (2) (4) (5)
FCU 2-06	SEE PLANS	SEE PLANS	VERTICAL	150	0	80 / 67	55.8 / 54.6	5715	4788	3	0.6	44	52.8	1.3	70	98.5	4683	1	0.16	160	120.1	0.2	40.5 X 10 X 25	95	DAIKIN	FCVC103	(1) (2) (4) (5)
FCU 2-07	SEE PLANS	SEE PLANS	VERTICAL	250	0	80 / 67	56.1 / 55.8	8753	7896	3	1.2	44	54.0	1.8	70	104.0	9308	1	0.74	160	119.9	0.5	46 X 10 X 25	110	DAIKIN	FCVC104	(1) (2) (4) (5)
FCU 2-08	SEE PLANS	SEE PLANS	VERTICAL	580	0	80 / 67	55.8 / 54.1	22978	18514	4	7	44	56.1	3.8	70	91.4	13599	1	1.27	160	110.2	0.5	57 X 10 X 25	135	DAIKIN	FCVC106	(1) (2) (4) (5)
FCU 2-09	SEE PLANS	SEE PLANS	VERTICAL	275	0	80 / 67	55.0 / 54.8	10394	9025	3	1.9	44	53.0	2.3	70	91.3	6419	1	0.2	160	104.1	0.2	46 X 10 X 25	110	DAIKIN	FCVC104	(1) (2) (4) (5)
FCU 2-10	SEE PLANS	SEE PLANS	VERTICAL	470	0	80 / 67	55.8 / 54.3	18356	14983	3	7.54	44	52.2	4.5	70	91.8	11185	1	0.8	160	104.8	0.4	57 X 10 X 25	135	DAIKIN	FCVC106	(1) (3) (4) (5)
FCU 2-11	SEE PLANS	SEE PLANS	VERTICAL	300	0	80 / 67	55.2 / 54.9	11249	9783	3	2.2	44	53.0	2.5	70	91.0	6897	1	0.3	160	104.7	0.2	46 X 10 X 25	110	DAIKIN	FCVC104	(1) (2) (4) (5)
FCU 2-12	SEE PLANS	SEE PLANS	VERTICAL	400	0	80 / 67	55.3 / 54.8	15076	12976	3	4.5	44	51.9	3.8	70	91.2	9261	1	0.5	160	190.4	0.4	46 X 10 X 25	110	DAIKIN	FCVC104	(1) (2) (4) (5)
FCU 2-13	SEE PLANS	SEE PLANS	VERTICAL	750	0	80 / 67	56.1 / 54.4	29034	23672	4	10.2	44	56.9	4.5	70	95.4	20811	1	4.3	160	120.3	1.0	62.5 X 10 X 25	155	DAIKIN	FCVC108	(1) (3) (4) (5)
FCU 2-14	SEE PLANS	SEE PLANS	VERTICAL	450	0	80 / 67	55.5 / 54.0	17903	14511	3	7.4	44	52.0	4.5	70	96.7	13145	1	1.4	160	114.8	0.6	57 X 10 X 25	155	DAIKIN	FCVC106	(1) (3) (4) (5)
FCU 2-15	SEE PLANS	SEE PLANS	VERTICAL	150	0	80 / 67	54.7 / 53.6	6132	4964	3	0.7	44	52.2	1.5	70	98.5	4683	1	0.16	160	120.1	0.2	35 X 10 X 25	85	DAIKIN	FCVC102	(1) (2) (4) (5)
FCU 2-16	SEE PLANS	SEE PLANS	VERTICAL	700	0	80 / 67	55.6 / 54.0	27987	22523	4	10.2	44	56.4	4.5	70	94.6	18849	1	3.0	160	115.3	0.8	62.5 X 10 X 25	155	DAIKIN	FCVC108	(1) (2) (4) (5)
FCU 2-17	SEE PLANS	SEE PLANS	VERTICAL	780	0	80 / 67	55.9 / 54.3	26444	21484	4	8.3	44	57.2	4.0	70	91.3	15757	1	1.6	160	105.1	0.6	62.5 X 10 X 25	155	DAIKIN	FCVC108	(1) (2) (4) (5)

REMARKS:

- SEE MECHANICAL/ELECTRICAL COORDINATION SCHEDULE ON SHEET E6-1 FOR ELECTRICAL DATA.
- PROVIDE FAN COIL UNIT WITH SAME END CONNECTIONS WITH 2-WAY MODULATING CONTROL VALVE PACKAGE FOR COOLING COIL AND 2-WAY MODULATING VALVE PACKAGE FOR HEATING COIL. PROVIDE HEATING COIL IN REHEAT POSITION.
- PROVIDE FAN COIL UNIT WITH SAME END CONNECTIONS WITH 3-WAY MODULATING CONTROL VALVE PACKAGE FOR COOLING COIL AND 2-WAY MODULATING VALVE PACKAGE FOR HEATING COIL. PROVIDE HEATING COIL IN REHEAT POSITION.
- PROVIDE EACH FAN COIL UNIT WITH CONTROLLER WHICH WILL BE CONNECTED TO BUILDING AUTOMTION SYSTEM.
- PROVIDE EACH FAN COIL UNIT WITH ON-BOARD TEMPERATURE SENSOR/THERMOSTAT ALLOWING SPACE TEMPERATURE ADJUSTMENT FROM SPACE TEMPERATURE SETPOINT.

### HYDRONIC PUMP SCHEDULE

MARK	SERVES	LOCATION	TYPE	FLOW (GPM)	TOTAL HEAD (FT)	SHUT-OFF HEAD (FT)	MIN NPSH (FT)	MINIMUM EFFICIENCY	FLUID	MAX FLUID TEMP (F)	MAX BHP	SUCTION SIZE (IN)	DISCHARGE SIZE (IN)	MAX IMPELLER DIAMETER (IN)	MAX RPM	OPERATING WEIGHT (LBS)	BASIS OF DESIGN OR EQUAL		REMARKS
																	MANUFACTURER	MODEL	
CWP-1	CHILLED WATER	BASEMENT MECHANICAL ROOM	END SUCTION	125	80	91.9	7.6	62.3	WATER	70	4.05	2.0	1.5	9.5	1716	225	BELL & GOSSETT	1510 1.5BC	(1)
CWP-2	CHILLED WATER	BASEMENT MECHANICAL ROOM	END SUCTION	125	80	91.9	7.6	62.3	WATER	70	4.05	2.0	1.5	9.5	1716	225	BELL & GOSSETT	1510 1.5BC	(1)
HWP-1	HEATING HOT WATER	BASEMENT MECHANICAL ROOM	END SUCTION	30	70	71.0	5.1	42.5	WATER	160	1.22	1.5	1.25	9.5	1579	220	BELL & GOSSETT	1510 1.25BC	(1)
HWP-2	HEATING HOT WATER	BASEMENT MECHANICAL ROOM	END SUCTION	30	70	71.0	5.1	42.5	WATER	160	1.22	1.5	1.25	9.5	1579	220	BELL & GOSSETT	1510 1.25BC	(1)

REMARKS:

- SEE MECHANICAL/ELECTRICAL COORDINATION SCHEDULE ON SHEET E6-1 FOR ELECTRICAL DATA.

### VARIABLE FREQUENCY CONTROLLER SCHEDULE

MARK	SERVES	LOCATION	MOUNTING LOCATION	ENCLOSURE	DISCONNECT TYPE	BYPASS	REDUNDANT VFC	BASIS OF DESIGN OR EQUAL		REMARKS
								MANUFACTURER	MODEL	
VFC-1	CWP-1	MECH ROOM	WALL/INDOORS	NEMA-1	INTEGRAL CIRCUIT BKR	NO	NO	ABB	-	(1)
VFC-2	CWP-2	MECH ROOM	WALL/INDOORS	NEMA-1	INTEGRAL CIRCUIT BKR	NO	NO	ABB	-	(1)
VFC-3	HWP-1	MECH ROOM	WALL/INDOORS	NEMA-1	INTEGRAL CIRCUIT BKR	NO	NO	ABB	-	(1)
VFC-4	HWP-2	MECH ROOM	WALL/INDOORS	NEMA-1	INTEGRAL CIRCUIT BKR	NO	NO	ABB	-	(1)

REMARKS:

- SEE MECHANICAL/ELECTRICAL COORDINATION SCHEDULE ON SHEET E6-1 FOR ELECTRICAL DATA.

### EXPANSION TANK SCHEDULE

MARK	SERVES	LOCATION	TYPE	SYSTEM VOLUME (GALLONS)
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