

① AIR HANDLING UNITS SUPPLYING AIR IN EXCESS OF 2000CFM SHALL BE EQUIPPED WITH AN AUTOMATIC SHUT OFF BY DUCT SMOKE DETECTOR INSTALLED IN MAIN SUPPLY DUCT

UNIT No.	MAKE & MODEL	QUANTITY	FAN DATA		COOLING COIL										HEATING COIL										MOTOR DATA				FILTER		REMARKS
			CAPACITY NOM. CFM	ESP (IN)	MAX. MBTUH		GPM	LWTF	WPD FT	ROWS	MBT	EAT 'F	LAT 'F	GPM	EWT'F	LWTF	WPD FT.	ROWS	WATTS	VOLT	PHASE	HZ	OPER. WT. LBS.	EFF. %							
					TOTAL	SENS.																			EAT	LAT	EWTF	CIRCUITS	CIRCUITS		
FCU L-1	AIR THERM CPFR 10	—	900	0.25	18008	16592	75 58 63 60	2.28 60 44	1.5 3	—	—	—	—	—	—	—	1	25	120	1	60	190	MERV 11	—							
FCU L-2	AIR THERM CPFR 12	—	1200	0.25	19543	18174	75 58 63 56	2.48 60 44	1.74 3	44666	70	103	3.1	180	151	1.2	1	25	120	1	60	130	MERV 11	—							
FCU L-3	AIR THERM CPFR 08	—	800	0.25	12334	11919	75 60 63 56	1.52 60 44	0.68 3	—	—	—	—	—	—	1	25	120	1	60	195	MERV 11	—								
FCU L-4	AIR THERM CPFR 08	—	800	0.25	12334	11919	75 60 63 56	1.52 60 44	0.68 3	28876	70	103	2.0	180	151	0.5	1	25	120	1	60	195	MERV 11	—							
FCU 1-1	AIR THERM CPFR 08	—	800	0.25	12334	11919	75 60 63 56	1.52 60 44	0.68 3	28876	70	103	2.0	180	151	0.5	1	25	120	1	60	195	MERV 11	—							
FCU 1-2	AIR THERM CPFR 10	—	900	0.25	18008	16592	75 58 63 60	2.28 60 44	1.5 3	39943	70	108	2.8	180	151	1.0	1	25	120	1	60	190	MERV 11	—							
FCU 1-3	AIR THERM CPFR 10	—	900	0.25	18008	16592	75 58 63 60	2.28 60 44	1.5 3	39943	70	108	2.8	180	151	1.0	1	25	120	1	60	190	MERV 11	—							
FCU G-1	AIR THERM CPFR 02	—	200	0.2	2978	2891	75 61 63 55	0.34 60	0.12 3	6918	70	100	0.5	180	161	0.3	1	25	120	1	60	90	MERV 11	—							
FCU G-2	AIR THERM CPFR 02	—	200	0.2	2978	2891	75 61 63 55	0.34 60	0.12 3	6918	70	100	0.5	180	161	0.3	1	25	120	1	60	90	MERV 11	—							
FCU G-3	AIR THERM CPFR 02	—	200	0.2	2978	2891	75 61 63 55	0.34 60	0.12 3	6918	70	100	0.5	180	161	0.3	1	25	120	1	60	90	MERV 11	—							
FCU 7-1	AIR THERM CPFR 08	—	800	0.25	12334	11919	75 60 63 56	1.52 60 44	0.68 3	28876	70	103	2.0	180	151	0.5	1	25	120	1	60	195	MERV 11	—							
FCU 7-2	AIR THERM CPFR 12	—	1,200	0.25	19543	18174	75 58 63 56	2.48 60 44	1.74 3	44666	70	103	3.1	180	151	1.2	1	25	120	1	60	130	MERV 11	—							
FCU 7-3	AIR THERM CPFR 10	—	1,000	0.3	25807	2403	82 59 65 56	3.23 60 44	2.6 3	50002	54	101	3.4	180	150	1.36	1	25	120	1	60	200	MERV 11	WITH HIGH CAPACITY COIL AND ECM MOTOR							
FCU 02	AIR THERM CPFR 02	—	200	0.2	2978	2891	75 61 63 55	0.34 60 44	0.12 3	6918	70	100	0.5	180	161	0.3	1	25	120	1	60	90	MERV 11	—							
FCU 03	AIR THERM CPFR 03	—	300	0.2	4693	4443	75 59 63 57	0.64 60 44	0.34 3	11763	70	109	0.8	180	151	0.7	1	25	120	1	60	100	MERV 11	—							
FCU 04	AIR THERM CPFR 04	—	400	0.2	6626	6358	75 58 63 56	0.86 60 44	0.68 3	15531	70	106	1.1	180	151	1.4	1	25	120	1	60	105	MERV 11	—							
FCU 06	AIR THERM CPFR 06	—	600	0.2	8506	8217	75 60 63 56	1.08 60 44	0.32 3	20528	70	103	1.4	180	150	0.2	1	25	120	1	60	130	MERV 11	—							
FCU 08	AIR THERM CPFR 08	—	800	0.25	12334	11919	75 60 63 56	1.52 60 44	0.68 3	28876	70	103	2.0	180	151	0.5	1	25	120	1	60	195	MERV 11	—							
FCU 10	AIR THERM CPFR 10	—	1000	0.25	18008	16592	75 58 63 60	2.28 60 44	1.5 3	39943	70	108	2.8	180	151	1.0	1	25	120	1	60	190	MERV 11	—							
FCU 12	AIR THERM CPFR 12	—	1200	0.25	19543	18174	75 58 63 56	2.48 60 44	1.74 3	44666	70	103	3.1	180	151	1.2	1	25	120	1	60	130	MERV 11	—							
FCU 16	AIR THERM CPFR 16	—	1600	0.25	60280	44070	75 58 63 56	60 44	4	50000	70	100		180	150	2	—						MERV 11								
FCU 1-4	AIR THERM CPFR 30	—	3000	0.25	113520	82830	75 58 63 56	60 44	4		70	100		180	150	2	—	480	3	60			MERV 11								
FCU GK-1	AIR THERM CPFR 20		2000	0.5	78170	58210	75 58 63 56	60 44	4		70	100		180	150	2	—	480	3	60			MERV 11								
FCU GK-2	AIR THERM CPFR 12		1200	0.5	19543	18174	75 58 63 56	2.48 60 44	1.74 3	44666	70	103	3.1	180	151	1.2	1	25	120	1	60	130	MERV 11	—							
FCU 7-2	AIR THERM CPFR 16	—	1600	0.25	60280	44070	75 58 63 56	60 44	4	50000	70	100		180	150	2	—						MERV 11								

- ① BASED ON 45°F ENTERING AND 60°F LEAVING WATER TEMPERATURE.
- ② UNIT SHALL BE SEISMICALLY SUPPORTED.
- ③ DISCONNECT SWITCH BY ELECTRICAL CONTRACTOR.
- ④ WATER VALVE RELAY WITH COMPRESSOR DELAY.
- ⑤ PROVIDE CONDENSATE PUMP MANUFACTURED BY LITTLE GIANT PUMP CO. MODEL VCL-45, 115V/1PH, 1/5HP WITH TANK AND CONTROL.

DRAWN	—
CHECKED	—
APPROVED	—
SCALE	—
SHEET	
M-004	
DATE	June 25, 2013
PROJECT NUMBER	HLA 0000000—00000