

one and one half inches = one foot
one inch = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot

ROOM HEATING AND COOLING UNIT SCHEDULE (VRF INDOOR UNIT)																						
MARK	LOCATION	NOMINAL HIGH SPEED AIR FLOW		COOLING CAPACITY						HEATING CAPACITY						ELECTRICAL DATA					BASIS OF DESIGN	
				MIN TOTAL CAPACITY		EAT				MIN TOTAL CAPACITY		EAT		COOLING AMPS	HEATING AMPS	MCA	PHASE	VOLT	MANUFACTURER	MODEL #		
						Db		Wb				Db										
		CFM	[L/s]	BTUH	[W]	°F	[°C]	°F	[°C]	BTUH	[W]	°F	[°C]									
513-FCU-1-1	QUIET ROOM	375	[180]	11800	[3500]	80	[27]	67	[19]	11000	[3200]	70	[21]	0.66	0.55	1.21	1	208	MITSUBISHI	PEFY-P12NMAU-E		
513-FCU-1-2	BATHING SUITE	250	[120]	6,000	[1800]	80	[27]	67	[19]	4,700	[1400]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-1-3	PT ROOM	300	[140]	7,700	[2300]	80	[27]	67	[19]	5,900	[1700]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-1-4	PT ROOM	325	[150]	8,000	[2300]	80	[27]	67	[19]	9,700	[2800]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-1-5	PT ROOM	250	[120]	6,400	[1900]	80	[27]	67	[19]	5,300	[1600]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-1-6	PT ROOM	250	[120]	6,900	[2000]	80	[27]	67	[19]	5,900	[1700]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-1-7	PT ROOM	250	[120]	7,100	[2100]	80	[27]	67	[19]	6,700	[2000]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-1-8	PT ROOM	325	[150]	9,200	[2700]	80	[27]	67	[19]	10,300	[3000]	70	[21]	0.66	0.55	1.21	1	208	MITSUBISHI	PEFY-P12NMAU-E		
513-FCU-1-9	PT ROOM	225	[110]	5,100	[1500]	80	[27]	67	[19]	6,200	[1800]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-1-10	PT ROOM	225	[110]	5,300	[1600]	80	[27]	67	[19]	6,200	[1800]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-1-11	PT ROOM	300	[140]	8,800	[2600]	80	[27]	67	[19]	9,600	[2800]	70	[21]	0.66	0.55	1.21	1	208	MITSUBISHI	PEFY-P12NMAU-E		
513-FCU-1-12	PT ROOM	225	[110]	3,500	[1000]	80	[27]	67	[19]	6,100	[1800]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-1-13	PT ROOM	225	[110]	5,300	[1600]	80	[27]	67	[19]	6,500	[1900]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-1-14	PT ROOM	225	[110]	5,200	[1500]	80	[27]	67	[19]	5,500	[1600]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-1-15	INTERDISC. OFFICE	200	[94]	4,700	[1400]	80	[27]	67	[19]	1,300	[380]	70	[21]	0.23	0.23	0.29	1	208	MITSUBISHI	PLFY-P08NCMU-E		
513-FCU-1-16	OFFICE	350	[170]	8,900	[2600]	80	[27]	67	[19]	8,500	[2500]	70	[21]	0.28	0.28	0.35	1	208	MITSUBISHI	PLFY-P12NCMU-E		
513-FCU-1-17	CIRCULATION	300	[140]	6,200	[1800]	80	[27]	67	[19]	10,000	[2900]	70	[21]	0.66	0.55	1.21	1	208	MITSUBISHI	PEFY-P12NMAU-E		
513-FCU-1-18	BFASST NOOK / KITCHEN	450	[210]	10900	[3200]	80	[27]	67	[19]	9700	[2800]	70	[21]	0.66	0.55	1.21	1	208	MITSUBISHI	PEFY-P12NMAU-E		
513-FCU-1-19	DINING ROOM	400	[190]	10900	[3200]	80	[27]	67	[19]	11700	[3400]	70	[21]	0.66	0.55	1.21	1	208	MITSUBISHI	PEFY-P12NMAU-E		
513-FCU-1-20	LIVING ROOM	700	[330]	20100	[5900]	80	[27]	67	[19]	18900	[5500]	70	[21]	1.04	0.93	2.25	1	208	MITSUBISHI	PEFY-P24NMAU-E		
513-FCU-1-21	HOUSE CARE WS	250	[120]	7,200	[2100]	80	[27]	67	[19]	3,900	[1100]	70	[21]	0.23	0.23	0.29	1	208	MITSUBISHI	PLFY-P08NCMU-E		
513-FCU-1-22	LAUNDRY	150	[71]	1,600	[470]	80	[27]	67	[19]	200	[59]	70	[21]	0.15	0.15	0.19	1	208	MITSUBISHI	PKFY-P08NBMU-E		
513-FCU-1-23	CORRIDOR	800	[380]	17,500	[5100]	80	[27]	67	[19]	19,500	[5700]	70	[21]	1.04	0.93	2.25	1	208	MITSUBISHI	PEFY-P24NMAU-E		
513-FCU-1-24	VESTIBULE	250	[120]	3,800	[1100]	80	[27]	67	[19]	3,500	[1000]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-2-1	QUIET ROOM	375	[180]	8,900	[2600]	80	[27]	67	[19]	8,800	[2600]	70	[21]	0.66	0.55	1.21	1	208	MITSUBISHI	PEFY-P12NMAU-E		
513-FCU-2-2	BATHING SUITE	250	[120]	3,800	[1100]	80	[27]	67	[19]	3,500	[1000]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-2-3	PT ROOM	300	[140]	4,600	[1300]	80	[27]	67	[19]	4,500	[1300]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-2-4	PT ROOM	325	[150]	9,000	[2600]	80	[27]	67	[19]	8,600	[2500]	70	[21]	0.66	0.55	1.21	1	208	MITSUBISHI	PEFY-P12NMAU-E		
513-FCU-2-5	PT ROOM	250	[120]	6,400	[1900]	80	[27]	67	[19]	4,600	[1300]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-2-6	PT ROOM	250	[120]	7,000	[2100]	80	[27]	67	[19]	5,200	[1500]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-2-7	PT ROOM	250	[120]	7,200	[2100]	80	[27]	67	[19]	5,700	[1700]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-2-8	PT ROOM	325	[150]	9,200	[2700]	80	[27]	67	[19]	8,500	[2500]	70	[21]	0.66	0.55	1.21	1	208	MITSUBISHI	PEFY-P12NMAU-E		
513-FCU-2-9	PT ROOM	225	[110]	5,100	[1500]	80	[27]	67	[19]	5,300	[1600]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-2-10	PT ROOM	225	[110]	5,300	[1600]	80	[27]	67	[19]	5,300	[1600]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-2-11	PT ROOM	300	[140]	8,400	[2500]	80	[27]	67	[19]	7,700	[2300]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-2-12	PT ROOM	225	[110]	5,000	[1500]	80	[27]	67	[19]	5,200	[1500]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-2-13	PT ROOM	225	[110]	5,300	[1600]	80	[27]	67	[19]	5,500	[1600]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-2-14	PT ROOM	225	[110]	5,200	[1500]	80	[27]	67	[19]	4,400	[1300]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		
513-FCU-2-15	INTERDISC. OFFICE	200	[94]	5,100	[1500]	80	[27]	67	[19]	1,300	[380]	70	[21]	0.23	0.23	0.29	1	208	MITSUBISHI	PLFY-P08NCMU-E		
513-FCU-2-16	OFFICE	350	[170]	9,300	[2700]	80	[27]	67	[19]	6,800	[2000]	70	[21]	0.28	0.28	0.35	1	208	MITSUBISHI	PLFY-P12NCMU-E		
513-FCU-2-17	CIRCULATION	300	[140]	7900	[2300]	80	[27]	67	[19]	9700	[2800]	70	[21]	0.66	0.55	1.21	1	208	MITSUBISHI	PEFY-P12NMAU-E		
513-FCU-2-18	BFASST NOOK / KITCHEN	450	[210]	10900	[3200]	80	[27]	67	[19]	8800	[2600]	70	[21]	0.66	0.55	1.21	1	208	MITSUBISHI	PEFY-P12NMAU-E		
513-FCU-2-19	DINING ROOM	400	[190]	12100	[3500]	80	[27]	67	[19]	10500	[3100]	70	[21]	0.66	0.55	1.21	1	208	MITSUBISHI	PEFY-P12NMAU-E		
513-FCU-2-20	LIVING ROOM	700	[330]	22,900	[6700]	80	[27]	67	[19]	17,700	[5200]	70	[21]	1.04	0.93	2.25	1	208	MITSUBISHI	PEFY-P24NMAU-E		
513-FCU-2-21	HOUSE CARE WS	250	[120]	7,000	[2100]	80	[27]	67	[19]	2,900	[850]	70	[21]	0.23	0.23	0.29	1	208	MITSUBISHI	PLFY-P08NCMU-E		
513-FCU-2-22	PUBLIC CORRIDOR	700	[330]	45,000	[13000]	80	[27]	67	[19]	55,300	[16000]	70	[21]	2.08	1.97	3.41	1	208	MITSUBISHI	PEFY-P48NMAU-E		
513-FCU-2-23	SERVICE CORRIDOR	700	[330]	52,000	[15000]	80	[27]	67	[19]	61,800	[18000]	70	[21]	2.24	2.13	3.31	1	208	MITSUBISHI	PEFY-P54NMAU-E		
513-FCU-2-24	EDUCATION ROOM	500	[240]	14,100	[4100]	80	[27]	67	[19]	10,100	[3000]	70	[21]	0.67	0.56	1.45	1	208	MITSUBISHI	PEFY-P15NMAU-E		
513-FCU-2-25	LAUNDRY	150	[71]	1,800	[530]	80	[27]	67	[19]	200	[59]	70	[21]	0.15	0.15	0.19	1	208	MITSUBISHI	PKFY-P08NBMU-E		
513-FCU-2-26	CORRIDOR	900	[420]	20,300	[5900]	80	[27]	67	[19]	21,300	[6200]	70	[21]	1.04	0.93	2.25	1	208	MITSUBISHI	PEFY-P24NMAU-E		
513-FCU-2-27	VESTIBULE	300	[140]	5,000	[1500]	80	[27]	67	[19]	3,800	[1100]	70	[21]	0.56	0.45	1.05	1	208	MITSUBISHI	PEFY-P08NMAU-E		

VRF OUTDOOR CONDENSING UNIT SCHEDULE																										
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	HEATING CAPACITY		HEATING OA TEMP		COOLING CAPACITY		COOLING OA TEMP		REFRIGERANT	MIN EER	MIN SEER	COP @ 17°F					REMARKS					
					MBH	[kW]	°F	[°C]	MBH	[kW]	°F	[°C]					VOLT	PHASE	MCA	MOCP						
513-HP1	ROOF	1ST FLOOR	513-BC-1-1 & 513-BC-1-2	INVERTER	320	[1100]	47	[8]	288	[980]	95	[35]	R410A	9.5	13.1	2.22	460	3	27 X 2	40 X 2	BASIS OF DESIGN IS MITSUBISHI ELECTRIC PURY-P288YSJMU-A					
513-HP2	ROOF	2ND FLOOR	513-BC-2-1 & 513-BC-2-2	INVERTER	320	[1100]	47	[8]	288	[980]	95	[35]	R410A	9.5	13.1	2.22	460	3	27 X 2	40 X 2	BASIS OF DESIGN IS MITSUBISHI ELECTRIC PURY-P288YSJMU-A					
NOTES																										
1. UL-RATED STARTERS SHALL BE FURNISHED BY MANUFACTURER OF EQUIPMENT.																										

VRF WATER HEATING UNIT																		
MARK	LOCATION	NOMINAL HIGH SPEED AIR FLOW		HEATING CAPACITY										BASIS OF DESIGN				
				MIN TOTAL CAPACITY		OAT		EWT		LWT		FLOW RATE						
		CFM	[L/s]	BTUH	[W]	°F	[°C]	°F	[°C]	°F	[°C]	GPM	[LPM]	MCA	PHASE	VOLT	MANUFACTURER	MODEL #
513-WH3	MECH ROOM	375	[180]	79800	[23000]	47	[8]	86	[30]	115	[46]	9.25	[35]	0.09	1	208	MITSUBISHI	PMFY-P72NMU-E-AU
NOTE																		
1.SEE P-502 FOR DOMESTIC WATER HEATING SYSTEM DIAGRAM.																		