AIR CONDITIONING VRF INDOOR FAN COIL UNIT SCHEDULE

(BASED ON MITSUBISHI OR ENGINEER APPROVED EQUAL)

UNIT NO.	AREA SERVED	NOMINAL HEATING CAPACITY (BTU/h)	NOMINAL COOLING CAPACITY (BTU/h)	CFM	OUTSIDE AIR	ESP (IN. WC)	COOLING DATA					HEATING DATA			ELECTRICAL DATA				WEIGHT LBS	MODEL	REMARKS
							TOTAL CAPACITY (BTU/h)	SENSIBLE CAPACITY (BTU/h)	EAT DB (°F)	EAT WB (°F)	LAT DB (°F)	TOTAL CAPACITY (BTU)	ENTERING AIR TEMP.	LEAVING AIR TEMP.	FAN QTY.	MCA	MFS	VOLTAGE			
SYSTEM AC-1A	DIMMER RM A	72,000.0	80,000.0	2542	95	0.60	65,561.1	65,561.1	75.0	59.0	50.9	51,415.2	70	88.7	2	7.7	15	208	214	PEFY-P72NMHSU-E	1,2,3,4,5,6
SYSTEM AC-2A	DIMMER RM A	72,000.0	80,000.0	2542	95	0.60	65,561.1	65,561.1	75.0	59.0	50.9	51,415.2	70	88.7	2	7.7	15	208	214	PEFY-P72NMHSU-E	1,2,3,4,5,6
SYSTEM AC-1B	DIMMER RM B	30,000.0	34,000.0	918	95	0.60	27,140.7	25,694.9	75.0	59.0	48.8	21,621.9	70	91.8	2	0.63(208V)	0.63(230V)/15	208	46	PKFY-P30NKMU-E2	1,2,3,4,5
SYSTEM AC-2B	DIMMER RM B	30,000.0	34,000.0	918	95	0.60	27,140.7	25,694.9	75.0	59.0	48.8	21,621.9	70	91.8	2	0.63(208V)	0.63(230V)/15	208	46	PKFY-P30NKMU-E2	1,2,3,4,5
SYSTEM AC-3B	DIMMER RM B	30,000.0	34,000.0	918	95	0.60	27,140.7	25,694.9	75.0	59.0	48.8	21,621.9	70	91.8	2	0.63(208V)	0.63(230V)/15	208	46	PKFY-P30NKMU-E2	1,2,3,4,5
SYSTEM AC-4B	DIMMER RM B	30,000.0	34,000.0	918	95	0.60	27,140.7	25,694.9	75.0	59.0	48.8	21,621.9	70	91.8	2	0.63(208V)	0.63(230V)/15	208	46	PKFY-P30NKMU-E2	1,2,3,4,5
SYSTEM AC-1C	DIMMER RM C	30,000.0	34,000.0	918	95	0.60	27,140.7	25,694.9	75.0	59.0	48.8	21,621.9	70	91.8	2	0.63(208V)	0.63(230V)/15	208	46	PKFY-P30NKMU-E2	1,2,3,4,5
SYSTEM AC-2C	DIMMER RM C	30,000.0	34,000.0	918	95	0.60	27,140.7	25,694.9	75.0	59.0	48.8	21,621.9	70	91.8	2	0.63(208V)	0.63(230V)/15	208	46	PKFY-P30NKMU-E2	1,2,3,4,5
SYSTEM AC-3C	DIMMER RM C	30,000.0	34,000.0	918	95	0.60	27,140.7	25,694.9	75.0	59.0	48.8	21,621.9	70	91.8	2	0.63(208V)	0.63(230V)/15	208	46	PKFY-P30NKMU-E2	1,2,3,4,5
SYSTEM AC-4C	DIMMER RM C	30,000.0	34,000.0	918	95	0.60	27,140.7	25,694.9	75.0	59.0	48.8	21,621.9	70	91.8	2	0.63(208V)	0.63(230V)/15	208	46	PKFY-P30NKMU-E2	1,2,3,4,5
SYSTEM AC-1D	DIMMER RM D	30,000.0	34,000.0	918	95	0.60	27,140.7	25,694.9	75.0	59.0	48.8	21,621.9	70	91.8	2	0.63(208V)	0.63(230V)/15	208	46	PKFY-P30NKMU-E2	1,2,3,4,5
SYSTEM AC-2D	DIMMER RM D	30,000.0	34,000.0	918	95	0.60	27,140.7	25,694.9	75.0	59.0	48.8	21,621.9	70	91.8	2	0.63(208V)	0.63(230V)/15	208	46	PKFY-P30NKMU-E2	1,2,3,4,5
SYSTEM AC-3D	DIMMER RM D	30,000.0	34,000.0	918	95	0.60	27,140.7	25,694.9	75.0	59.0	48.8	21,621.9	70	91.8	2	0.63(208V)	0.63(230V)/15	208	46	PKFY-P30NKMU-E2	1,2,3,4,5
SYSTEM AC-4D	DIMMER RM D	30,000.0	34,000.0	918	95	0.60	27,140.7	25,694.9	75.0	59.0	48.8	21,621.9	70	91.8	2	0.63(208V)	0.63(230V)/15	208	46	PKFY-P30NKMU-E2	1,2,3,4,5

NOTE(S):

1. NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67°F (DB/WB), OUT DOOR OF 95°F (DB)
2. NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70°F (DB/WB), OUT DOOR OF 43°F (DB)
3. SEE OUTDOOR UNIT SCHEDULE FOR OUTDOOR AMBIENT CONDITIONS, CONNECTED CAPACITY, AND OTHER FACTORS ASSOCIATED WITH CORRECTED CAPACITIES.
4. SEE SCHEMATIC PIPING/CONTROL DIAGRAM FOR INDICATION OF REQUIRED INDOOR UNIT REMOTE CONTROLLERS, SYSTEM CONTROLLERS, AND INTEGRATION DEVICES.
5. SETTING (FULL DEMAND) COOLING
6. FURNISH WITH DRAIN PAN LEVEL SWITCH ACCESSORY MODEL DPLS-1

MITSUBISHI CITY MULTI VFR OUTDOOR UNIT SCHEDULE

(BASED ON MITSUBISHI OR ENGINEER APPROVED EQUAL)

UNIT	TAG REFERENCE	LOCATION	MODULE	NO. MODULES	ELECTRICAL DATA (PER MODULE)			VOLTAGE/ PHASE	COMPRESSOR TYPE/QTY	NOMINAL COOLING CAPACITY (BTU/h)	NOMINAL HEATING CAPACITY (BTU/h)	COOLING EFFICIENCY IEER/EER	HEATING COP @ 47F [or HSPF]	WEIGHT LBS	MODEL NUMBER	NOTES
					MCA	RFS	MFS									
SYSTEM A HP 1A	SYSTEM A HP 1A	3RD ROOF MER	P144	2	53	60	60	208/230V/3 phase 3-wire	INVERTER-DRIVEN SCROLL/2	144,000	160,000	19.3/11.6	3.64	726	PUHY-P144TKMU-A	1,2,3,4,5,6,7,8
SYSTEM A HP 1B	SYSTEM A HP 1B	3RD ROOF MER	P120	2	45	50	50	208/230V/3 phase 3-wire	INVERTER-DRIVEN SCROLL/2	120,000	135,000	19.1/12.5	3.75	726	PUHY-P120TKMU-A	1,2,3,4,5,6,7,8
SYSTEM A HP 1C	SYSTEM A HP 1C	3RD ROOF MER	P96	2	34	35	40	208/230V/3 phase 3-wire	INVERTER-DRIVEN SCROLL/2	96,000	108,000	19.7/12.6	4.09	532	PUHY-P96TKMU-A	1,2,3,4,5,6,7,8
SYSTEM A HP 1D	SYSTEM A HP 1D	3RD ROOF MER	P120	2	45	50	50	208/230V/3 phase 3-wire	INVERTER-DRIVEN SCROLL/2	120,000	135,000	19.1/12.5	3.75	726	PUHY-P120TKMU-A	1,2,3,4,5,6,7,8

NOTE(S):

1. NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67°F (DB/WB), OUTDOOR OF 95°F (DB)
2. NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70°F (DB), OUTDOOR OF 12°F (DB)
3. EFFICIENCY VALUES FOR EER, IEER, COP ARE BASED ON AHRI 1230 TEST METHOD FOR MIXTURE OF DUCTED AND NON-DUCTED INDOOR UNITS.
4. FOR SYSTEMS WITH MULTIPLE MODULES, REFRIGERANT PIPE DIMENSIONS INDICATE TOTAL SYSTEM COMBINED PIPING DOWN STREAM OF MODULE.
5. ADDED FIELD CHARGE LIST IS IN ADDITION TO FACTORY CHARGE, THIS MUST BE UPDATED BASED UPON FINAL AS-BUILT PIPING LAYOUT.
6. INCLUDE LOW AMBIENT HOOD KIT WITH ASSOCIATED WIND BAFFLES FOR 100% LOW AMBIENT COOLING DOWN TO MINUS (-) 10°F.
7. DESIGN COOLING OUT DOOR TEMP: 87.0°F
8. DESIGN HEATING OUT DOOR TEMP: 12°F

CONDENSATE PUMP SCHEDULE

(BASED ON LITTLE GIANT OR ENGINEER APPROVED EQUAL)

UNIT NO.	SERVICE	WATER PUMP DATA						REMARKS
		GPH	FT.HD.	SUC. TEMP °F	H.P.	VOLTS/PHASE	MODEL NO.	
CP-1	FAN COIL UNITS	115	20	45°	1/12	115V/1	3-ABS	1,2

NOTE(S):

1. FURNISHED WITH 6 FT POWER CORD, THERMAL OVERLOAD PROTECTOR, POLYETHYLENE SCREEN.
2. INTEGRAL FLOAT SWITCH, COPPER CHECK VALUE FOR $\frac{1}{4}$" OP COPPER TUBING.

Rev.	Description	Date
	ISSUED FOR CLIENT APPROVAL	09/03/14
	ISSUED FOR BID	11/10/14

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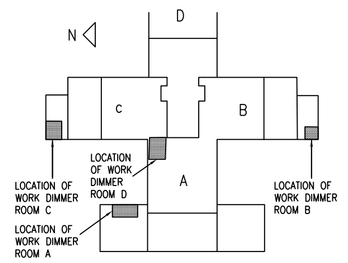

Client or Agent

State University of New York College at Purchase

Purchase, New York

Project Title

SUNY PURCHASE DIMMER ROOMS

Drawing Title

MECHANICAL SCHEDULES

Scale AS NOTED

Drawing No. M-400.00

Date 7/30/2014

Drawn

C.E. Job No.

Checked