

MITSUBISHI CITY MULTI VRF OUTDOOR UNIT SCHEDULE

System Tag	Tag Reference	M-Net Address	Model Number	Modules	Nominal Cooling Capacity (BTU/h)	Nominal Heating Capacity (BTU/h)	Design Cooling Outdoor Temp DB (°F)	Design Heating Outdoor Temp WB (°F)	Corrected Cooling Total Capacity (BTU/h)	Corrected Heating Capacity (BTU/h)	Voltage / Phase	Electrical-Per Module			Notes / Options
												MCA 208/230 or 460V	RFS	MOCP	
OSU-1	51, 52		PURY-HP144YSKMUA	HP72, HP72	144,000.0	160,000.0	87.0	-6.5	123,148.9	114,963.5	460V / 3-phase 3-wire	26, 26	30, 30	45, 45	1, 2, 3, 4, 5
OSU-2	55, 56		PURY-HP144YSKMUA	HP72, HP72	144,000.0	160,000.0	87.0	-6.5	123,148.9	114,963.5	460V / 3-phase 3-wire	26, 26	30, 30	45, 45	1, 2, 3, 4, 5
OSU-3	59, 60		PURY-HP144YSKMUA	HP72, HP72	144,000.0	160,000.0	87.0	-6.5	123,148.9	114,963.5	460V / 3-phase 3-wire	26, 26	30, 30	45, 45	1, 2, 3, 4, 5
OSU-4	63, 64		PURY-HP144YSKMUA	HP72, HP72	144,000.0	160,000.0	87.0	-6.5	123,148.9	114,963.5	460V / 3-phase 3-wire	26, 26	30, 30	45, 45	1, 2, 3, 4, 5
OSU-5	67, 68		PURY-HP144YSKMUA	HP72, HP72	144,000.0	160,000.0	87.0	-6.5	123,148.9	114,963.5	460V / 3-phase 3-wire	26, 26	30, 30	45, 45	1, 2, 3, 4, 5
OSU-6	71, 72		PURY-HP144YSKMUA	HP72, HP72	144,000.0	160,000.0	87.0	-6.5	123,148.9	114,963.5	460V / 3-phase 3-wire	26, 26	30, 30	45, 45	1, 2, 3, 4, 5

Notes & Options:
 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 43°F (WB)
 3 Efficiency values for EER, IEER, COP are based on AHRI 1230 test method for mixture of ducted & non-ducted indoor units.
 4 For systems with multiple modules, refrigerant pipe dimensions indicate total system combined piping downstream of module
 5 Added field charge listed is in addition to factory charge, this must be updated based upon final as-built piping layout.

MITSUBISHI CITY MULTI VRF INDOOR UNIT SCHEDULE

System Tag	Room Name	Tag Reference	Model	Type	Nominal Cooling Capacity (BTU/h)	Nominal Heating Capacity (BTU/h)	Cooling Design Entering Temp DB(WB) (°F) [Water in temp]	Heating Design Entering Temp WB(WB) (°F) [Water in temp]	Corrected Capacity			Refrig Pipe Dim Liquid/Suction (inch)	Peak Fan Airflow (cfm) / Design gpm GUS/ym	Max Fan ESP Setting 208/230V (IN WG)	Voltage / Phase	Electrical MCA/MFS	Notes / Options	
									Cooling Diversity Full/Partial (See Note 5, 6)	Cooling Total Capacity (BTU/h)	Cooling Sensible Capacity (BTU/h)							
OSU-1		SAC-1-1	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31,079.1	20,314.5	FULL DEMAND	28,893.0	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-1		SAC-1-2	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	30,495.4	20,059.9	FULL DEMAND	28,588.7	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-1		SAC-1-3	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31,079.1	20,314.5	FULL DEMAND	28,893.0	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-1		SAC-1-4	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	30,495.4	20,059.9	FULL DEMAND	28,588.7	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-2		SAC-2-1	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31,079.1	20,314.5	FULL DEMAND	28,893.0	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-2		SAC-2-2	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	30,495.4	20,059.9	FULL DEMAND	28,588.7	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-2		SAC-2-3	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31,079.1	20,314.5	FULL DEMAND	28,893.0	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
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OSU-3		SAC-3-1	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31,079.1	20,314.5	FULL DEMAND	28,893.0	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-3		SAC-3-2	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	30,495.4	20,059.9	FULL DEMAND	28,588.7	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-3		SAC-3-3	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31,079.1	20,314.5	FULL DEMAND	28,893.0	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
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OSU-4		SAC-4-1	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31,079.1	20,314.5	FULL DEMAND	28,893.0	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-4		SAC-4-2	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	30,495.4	20,059.9	FULL DEMAND	28,588.7	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-4		SAC-4-3	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31,079.1	20,314.5	FULL DEMAND	28,893.0	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-4		SAC-4-4	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	30,495.4	20,059.9	FULL DEMAND	28,588.7	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-5		SAC-5-1	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31,079.1	20,314.5	FULL DEMAND	28,893.0	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-5		SAC-5-2	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	30,495.4	20,059.9	FULL DEMAND	28,588.7	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-5		SAC-5-3	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31,079.1	20,314.5	FULL DEMAND	28,893.0	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-5		SAC-5-4	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	30,495.4	20,059.9	FULL DEMAND	28,588.7	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-6		SAC-6-1	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31,079.1	20,314.5	FULL DEMAND	28,893.0	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
OSU-6		SAC-6-2	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	30,495.4	20,059.9	FULL DEMAND	28,588.7	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
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OSU-6		SAC-6-4	PLFY-P30NBMU-ER2	Ceiling cassette (4-way airflow) type	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	30,495.4	20,059.9	FULL DEMAND	28,588.7	3/8 / 5/8	777	208/230V/1-phase	0.64/0.64/15	1, 2, 3, 4, 5, 6

Notes & Options:
 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 43°F (WB)
 3 See outdoor unit schedule for outdoor ambient conditions, connected capacity, and other factors associated with corrected capacity
 4 See schematic piping/control diagram for indication of required indoor unit remote controllers, system controllers, and Full demand corrected capacity includes de-rate associated with indoor vs. outdoor connected capacity indicated on outdoor unit schedule for associated system. Partial corrected capacity assumes sufficient diversity exists such that the connected capacity de-rate does not apply. It is the designer's responsibility to ensure "Diamond System Builder" is set in the appropriate output capacity setting (full demand/partial demand) prior to generating this schedule.
 5 It is recommended to always base heating corrected capacity on full demand.

VRF HEAT RECOVERY BRANCH CIRCUIT CONTROLLER

System Tag	Tag Reference	M-Net Address	Model Number	Type (double / Main / Sub)	Number of Ports	Connected Capacity to BC	Voltage / Phase	MCA 208/230	Notes / Options
OSU-1		53	CMB-P108NU-GA	Main	8	120,000.0	208/230V/1-phase	0.68 / 0.61	1, 2
OSU-2		57	CMB-P108NU-GA	Main	8	120,000.0	208/230V/1-phase	0.68 / 0.61	1, 2
OSU-3		61	CMB-P108NU-GA	Main	8	120,000.0	208/230V/1-phase	0.68 / 0.61	1, 2
OSU-4		65	CMB-P108NU-GA	Main	8	120,000.0	208/230V/1-phase	0.68 / 0.61	1, 2
OSU-5		69	CMB-P108NU-GA	Main	8	120,000.0	208/230V/1-phase	0.68 / 0.61	1, 2
OSU-6		73	CMB-P108NU-GA	Main	8	120,000.0	208/230V/1-phase	0.68 / 0.61	1, 2

Notes & Options:
 1 Include Diamondback Ball Valves BV-Series, 700PSIG working pressure, full port, 410A rated.
 2 Connected Capacity to BC should not exceed 189,000 BTU/h for double BCs and 126,000 BTU/h for Sub BCs.

ELECTRIC WALL HEATER PERFORMANCE SCHEDULE

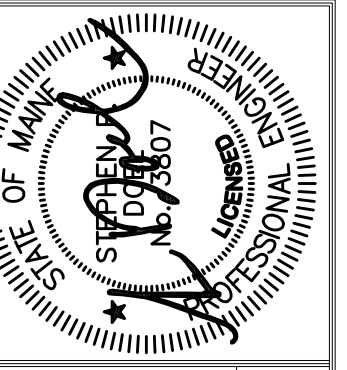
TAG	OUTPUT (KW)	FLOW RATE (GPM)	W/PD (FT.WG)	AIRFLOW (CFM)	ROUG	MTG. HT.	ELECTRICAL REQUIREMENTS			BASIS OF DESIGN Qmark		
							HP	AMPS	V/PH/Hz	SERVICE	ARRANGEMENT	MODEL
WH	2.0	-	-	80	-	8"	-	9.6	208/1/60	STAIRS, VESTIBULE	WALL-MOUNTED	CUH208DSAG

General Notes:
 1. See the Mechanical Specifications and associated Appendices for additional equipment schedules and information.

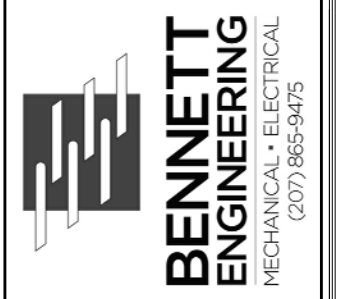
AIR DEVICE PERFORMANCE SCHEDULE

TAG	PANEL SIZE(IN)	NECK SIZE(IN)	AIRFLOW (CFM)	SPLOSS (IN.WG.)	THROW(L)	THROW(S)	Nc	BASIS OF DESIGN (F) FANTECH, PRICE		
								DUCT CONN.(IN)	PATTERN	MODEL
A	24x24	6x6	150	0.05	-	-	25	SEE DWGS	SEE DWGS	AMX-3AL
B	24x24	9x9	350	0.05	-	-	30	SEE DWGS	SEE DWGS	AMX-3AL
C	24x24	12x12	500	0.05	-	-	30	SEE DWGS	SEE DWGS	AMX-3AL
D	24x24	15x15	700	0.05	-	-	30	SEE DWGS	SEE DWGS	AMX-3AL
F _{m/s}	24x24	6" / 8"φ	125/300	0.07	-	-	-	SEE DWGS	SEE DWGS	PPD2 (m / s)
H	-	30x12	1350	0.05	-	-	23	SEE DWGS	DRUM DIFFUSER	AHCD2D
I	-	8"φ	220	0.05	-	-	18	SEE DWGS	ADJUSTABLE	(F) RHY
AA	-	8x8	100	0.05	-	-	30	SEE DWGS	1/2", 45^	60DAL
BB	-	12x12	400	0.05	-	-	30	SEE DWGS	1/2", 45^	60DAL
CC	-	16x16	600	0.05	-	-	30	SEE DWGS	1/2", 45^	60DAL
DD	-	22x22	1200	0.05	-	-	30	SEE DWGS	1/2", 45^	60DAL
EE	-	144x24	4000	0.05	-	-	-	SEE DWGS	1/2", 45^	* 6355
FF	-	24x16	-	-	-	-	25	SEE DWGS	1/2", 45^	60DAL
GG	-	32x16	800	0.05	-	-	25	SEE DWGS	1/2", 45^	60DAL
HH	-	46x22	2500	0.05	-	-	30	SEE DWGS	1/2", 45^	60DAL

* Multi-split louvered with visible mullion. See Architectural Drawings.



Prepared For:



Consulting Engineer:

Architect: