

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 208/230 or [460V]			Notes / Options
												MCA 208/230 or [460V]	RFS	MOCP	
CU-0		51	MXZ-4C36NAHZ		36,000.0	45,000.0	87.0	-6.5	32,351.0	32,300.5	208/230V / 1-phase	42	50	N/A	1, 2, 3, 4, 5
CU-1A		54	MXZ-8C48NAHZ		48,000.0	54,000.0	87.0	-6.5	48,246.2	42,718.6	208/230V / 1-phase	42	50	N/A	1, 2, 3, 4, 5
CU-1B		61	MXZ-8C48NAHZ		48,000.0	54,000.0	87.0	-6.5	45,245.8	42,009.6	208/230V / 1-phase	42	50	N/A	1, 2, 3, 4, 5
CU-2		67	MXZ-8C48NAHZ		48,000.0	54,000.0	87.0	-6.5	46,186.5	42,233.1	208/230V / 1-phase	42	50	N/A	1, 2, 3, 4, 5
CU-A		N/A	MXZ-4C36NAHZ		36,000.0	45,000.0	87.0	-6.5	29,882.2	29,463.4	208/230V / 1-phase	42	50	N/A	1, 2, 3, 4, 5
CU-B		N/A	MXZ-3C24NAHZ2-U1		22,000.0	25,000.0	87.0	-6.5	18,290.0	19,130.9	208/230V / 1-phase	30	40	N/A	1, 2, 3, 4, 5
CU-D		N/A	MXZ-4C36NAHZ		36,000.0	45,000.0	87.0	-6.5	29,882.2	29,463.4	208/230V / 1-phase	42	50	N/A	1, 2, 3, 4, 5
CU-C		N/A	MXZ-3C24NAHZ2-U1		22,000.0	25,000.0	87.0	-6.5	22,151.2	19,152.3	208/230V / 1-phase	30	40	N/A	1, 2, 3, 4, 5

Notes & Options:

- Nominal cooling capacities are based on indoor coil EAT of 80/67°F (DB/WB), outdoor of 95°F (DB)
- Nominal heating capacities are based on indoor coil EAT of 70°F (DB), outdoor of 43°F (WB)
- Efficiency values for EER, IEER, COP are based on AHRI 1230 test method for mixture of ducted & non-ducted indoor units.
- For systems with multiple modules, refrigerant pipe dimensions indicate total system combined piping downstream of module
- 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 DB/WB (°F) / [Water in temp]	Corrected Capacity				Refrig Pipe Dim Liquid/Suction (inch)	Peak Fan Airflow (cfm) / [Design gpm GUS]/min]	Max Fan ESP Setting 208V/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)	Heating Diversity Full/Partial (See Note 5, 6)						
CU-0		HPD-1	MSZGL18NA-U1	Wall mounted type	18,000.0	22,527.0	80.0/67.0	70.0	FULL DEMAND	17,646.0	15,235.4	FULL DEMAND	17,618.2	1/4 / 1/2	646	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-0		HPD-2	MSZGL06NA-U1	Wall mounted type	6,000.0	7,509.0	80.0/67.0	70.0	FULL DEMAND	5,882.0	5,882.0	FULL DEMAND	5,872.7	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-0		HPD-3	MSZGL09NA-U1	Wall mounted type	9,000.0	11,264.0	80.0/67.0	70.0	FULL DEMAND	8,823.0	8,736.6	FULL DEMAND	8,809.5	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1A		HP1-A	MSZGL09NA-U1	Wall mounted type	9,000.0	10,125.0	80.0/67.0	70.0	FULL DEMAND	9,046.2	8,817.9	FULL DEMAND	8,009.7	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1A		HP1-B	MSZGL06NA-U1	Wall mounted type	6,000.0	6,750.0	80.0/67.0	70.0	FULL DEMAND	6,030.8	6,030.8	FULL DEMAND	5,339.8	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1A		HP1-3	MSZGL09NA-U1	Wall mounted type	9,000.0	10,125.0	80.0/67.0	70.0	FULL DEMAND	9,046.2	8,817.9	FULL DEMAND	8,009.7	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1A		HP1-C	MSZGL06NA-U1	Wall mounted type	6,000.0	6,750.0	80.0/67.0	70.0	FULL DEMAND	6,030.8	6,030.8	FULL DEMAND	5,339.8	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1A		HP1-D	MSZGL06NA-U1	Wall mounted type	6,000.0	6,750.0	80.0/67.0	70.0	FULL DEMAND	6,030.8	6,030.8	FULL DEMAND	5,339.8	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1A		HP1-E	MSZGL06NA-U1	Wall mounted type	6,000.0	6,750.0	80.0/67.0	70.0	FULL DEMAND	6,030.8	6,030.8	FULL DEMAND	5,339.8	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1A		HP1-F	MSZGL06NA-U1	Wall mounted type	6,000.0	6,750.0	80.0/67.0	70.0	FULL DEMAND	6,030.8	6,030.8	FULL DEMAND	5,339.8	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1B		HP1-1	MSZGL09NA-U1	Wall mounted type	8,471.0	9,529.0	80.0/67.0	70.0	FULL DEMAND	7,933.6	7,933.6	FULL DEMAND	7,401.2	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1B		HP1-G1	MSZGL09NA-U1	Wall mounted type	8,471.0	9,529.0	80.0/67.0	70.0	FULL DEMAND	7,933.6	7,933.6	FULL DEMAND	7,401.2	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1B		HP1-G2	MSZGL06NA-U1	Wall mounted type	5,647.0	6,353.0	80.0/67.0	70.0	FULL DEMAND	5,288.8	5,288.8	FULL DEMAND	4,934.4	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1B		HP1-H	MSZGL06NA-U1	Wall mounted type	5,647.0	6,353.0	80.0/67.0	70.0	FULL DEMAND	5,288.8	5,288.8	FULL DEMAND	4,934.4	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1B		HP1-2	MSZGL09NA-U1	Wall mounted type	8,471.0	9,529.0	80.0/67.0	70.0	FULL DEMAND	7,933.6	7,933.6	FULL DEMAND	7,401.2	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-1B		HP1-J	MSZGL12NA-U1	Wall mounted type	11,294.0	12,706.0	80.0/67.0	70.0	FULL DEMAND	10,867.3	9,491.4	FULL DEMAND	9,937.3	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-2		HP3-1	MSZGL18NA-U1	Wall mounted type	18,000.0	20,250.0	80.0/67.0	70.0	FULL DEMAND	17,319.9	15,112.9	FULL DEMAND	15,837.4	1/4 / 1/2	646	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-2		HP2-E1	MSZGL09NA-U1	Wall mounted type	9,000.0	10,125.0	80.0/67.0	70.0	FULL DEMAND	8,660.0	8,660.0	FULL DEMAND	7,918.7	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-2		HP2-E2	MSZGL06NA-U1	Wall mounted type	6,000.0	6,750.0	80.0/67.0	70.0	FULL DEMAND	5,773.3	5,773.3	FULL DEMAND	5,279.1	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-2		HP2-E3	MSZGL09NA-U1	Wall mounted type	9,000.0	10,125.0	80.0/67.0	70.0	FULL DEMAND	8,660.0	8,660.0	FULL DEMAND	7,918.7	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-2		HP2-E4	MSZGL06NA-U1	Wall mounted type	6,000.0	6,750.0	80.0/67.0	70.0	FULL DEMAND	5,773.3	5,773.3	FULL DEMAND	5,279.1	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-A		HPA-1	MSZGL09NA-U1	Wall mounted type	9,000.0	11,250.0	80.0/67.0	70.0	FULL DEMAND	8,964.7	8,788.2	FULL DEMAND	8,839.0	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-A		HPA-2	MSZGL09NA-U1	Wall mounted type	9,000.0	11,250.0	80.0/67.0	70.0	FULL DEMAND	8,964.7	8,788.2	FULL DEMAND	8,839.0	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-A		HPA-3	MSZGL06NA-U1	Wall mounted type	6,000.0	7,500.0	80.0/67.0	70.0	FULL DEMAND	5,976.4	5,976.4	FULL DEMAND	5,892.7	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-A		HPA-4	MSZGL06NA-U1	Wall mounted type	6,000.0	7,500.0	80.0/67.0	70.0	FULL DEMAND	5,976.4	5,976.4	FULL DEMAND	5,892.7	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-B		HPB-1	MSZGL09NA-U1	Wall mounted type	9,000.0	11,000.0	80.0/67.0	70.0	FULL DEMAND	9,145.0	8,853.9	FULL DEMAND	9,565.5	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-B		HPB-2	MSZGL09NA-U1	Wall mounted type	9,000.0	11,000.0	80.0/67.0	70.0	FULL DEMAND	9,145.0	8,853.9	FULL DEMAND	9,565.5	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-D		HPD-1	MSZGL09NA-U1	Wall mounted type	9,000.0	11,250.0	80.0/67.0	70.0	FULL DEMAND	8,964.7	8,788.2	FULL DEMAND	8,839.0	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-D		HPD-2	MSZGL09NA-U1	Wall mounted type	9,000.0	11,250.0	80.0/67.0	70.0	FULL DEMAND	8,964.7	8,788.2	FULL DEMAND	8,839.0	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-D		HPD-3	MSZGL06NA-U1	Wall mounted type	6,000.0	7,500.0	80.0/67.0	70.0	FULL DEMAND	5,976.4	5,976.4	FULL DEMAND	5,892.7	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-D		HPD-4	MSZGL06NA-U1	Wall mounted type	6,000.0	7,500.0	80.0/67.0	70.0	FULL DEMAND	5,976.4	5,976.4	FULL DEMAND	5,892.7	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-C		HPC-1	MSZGL09NA-U1	Wall mounted type	8,175.0	8,250.0	80.0/67.0	70.0	FULL DEMAND	8,306.7	8,306.7	FULL DEMAND	7,174.1	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-C		HPC-2	MSZGL09NA-U1	Wall mounted type	8,175.0	8,250.0	80.0/67.0	70.0	FULL DEMAND	8,306.7	8,306.7	FULL DEMAND	7,174.1	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6
CU-C		HPC-3	MSZGL06NA-U1	Wall mounted type	5,450.0	5,500.0	80.0/67.0	70.0	FULL DEMAND	5,537.8	5,537.8	FULL DEMAND	4,804.1	1/4 / 3/8	406	208/230V/1-phase	Powered by Outdoor	1, 2, 3, 4, 5, 6

Notes & Options:

- Nominal cooling capacities are based on indoor coil EAT of 80/67°F (DB/WB), outdoor of 95°F (DB)
- Nominal heating capacities are based on indoor coil EAT of 70°F (DB), outdoor of 43°F (WB)
- See outdoor unit schedule for outdoor ambient conditions, connected capacity, and other factors associated with corrected capacities. See schematic piping/control diagram for indication of required indoor unit remote controllers, system controllers, and integration
- Devices: 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 5 setting (full demand/partial demand) prior to generating this schedule.
- It is recommended to always base heating corrected capacity on full demand.



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ISSUE DATE	
PRELIM	01-17-16
SFMO	-
CD's	-
REV. 1	-
REV. 2	-
PRINT	09-30-16

MECHANICAL SCHEDULES

M4.1

FOR PERMIT 09-30-16