MITSUBISHI CITY MULTI VRF OUTDOOR UNIT SCHEDULE

							Design Cooling	Design Heating	Corrected	Corrected			Electrical-Per M 208/230 or [46		
Contain Ton	To a Defense	NA NISA A SISISSIS	Mandal Niversians	NAll		Nominal Heating	1	Outdoor Temp	Cooling Total	Heating Capacity		MCA 208/230		MOOD	Natas / Outions
System Tag	Tag Reference	M-Net Address	Model Number	Modules	Capacity (BTU/h)	Capacity (BTU/n)	DB (°F)	WB (°F)	Capacity (BTU/h)	(BTU/h)	Voltage / Phase	[460V]	RFS	MOCP	Notes / Options
			PURY-								460V / 3-phase 3				
OSU-1		51, 52	HP144YSKMU-A	HP72, HP72	144,000.0	160,000.0	87.0	-6.5	123,148.9	114,963.5	wire	26, 26	30, 30	45, 45	1, 2, 3, 4, 5
			PURY-								460V / 3-phase 3				
OSU-2		55, 56	HP144YSKMU-A	HP72, HP72	144,000.0	160,000.0	87.0	-6.5	123,148.9	114,963.5	wire	26, 26	30, 30	45, 45	1, 2, 3, 4, 5
OSU-3		59, 60	PURY- HP144YSKMU-A	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
			THE THIRD THE PARTY OF THE PART	72, 111 72	111,000.0	100,000.0	07.0	0.0	123, 1 13.3	111,000.0		20, 20	00, 00	10, 10	1, 2, 3, 1, 3
OSU-4		63, 64	PURY- HP144YSKMU-A	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
			PURY-								460V / 3-phase 3				
OSU-5		67, 68	HP144YSKMU-A	HP72, HP72	144,000.0	160,000.0	87.0	-6.5	123,148.9	114,963.5	wire	26, 26	30, 30	45, 45	1, 2, 3, 4, 5
			PURY-								460V / 3-phase 3				
OSU-6		71, 72	HP144YSKMU-A	HP72, HP72	144,000.0	160,000.0	87.0	-6.5	123,148.9	114,963.5	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.

MITCHDICHI CITY MI II TI VDE INDOOD I NIT CCHEDI II E										

					Nominal Cooling	Naminal Heating	Cooling Design Entering Temp DB/WB (°F) /		Cooling Diversity Full/Partial (See	Cooling Total	Corrected Capacity Cooling Sensible	Heating Diversity		Refrig Pipe Dim Liquid/Suction (inch)	Peak Fan Airflow	Max Fan ESP Setting 208V/230V (IN		Electrical	
System Tag	Room Name Tag	Reference	Model	Type	Nominal Cooling Capacity (BTU/h)	Capacity (BTU/h)		, ,			Capacity (BTU/h)		(BTU/h)		cfm) / [Design gpm G(US)/min]	206V/230V (IIN WG)	Voltage / Phase		Notes / Option
				Ceiling cassette	,	,		[, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,	, , ,	(======,		Sp	-	U		
00114	040		PLFY-P30NBMU- ER2		20,000,0	24 000 0	00.0/07.0	70.0	FULL DEMAND	04 070 4	00 044 5	FULL DEMAND	00 000 0	0/0 / 5/0	777		208/230V/1-	0.04/0.04/45	1 0 0 4 5 0
OSU-1	SAC-	-1-1	ER2	type Ceiling cassette	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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
		ı	PLFY-P30NBMU-														208/230V/1-		
OSU-1	SAC-	-1-2 E	ER2	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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
			D. E. (Dool D. ()	Ceiling cassette															
OSU-1	SAC-		PLFY-P30NBMU- ER2		30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31 070 1	20,314.5	FULL DEMAND	28 803 0	3/8 / 5/8	777		208/230V/1- phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
700 1	0,10	10		Ceiling cassette	00,000.0	04,000.0	00.0/01.0	70.0	I OLE BEIVIVIIVE	01,070.1	20,014.0	I OLL BLIVIA (IVB	20,000.0	0,0 7 0,0	1111		priase	0.04/0.04/10	1, 2, 0, 4, 0, 0
			PLFY-P30NBMU-	(4-way airflow)													208/230V/1-		
DSU-1	SAC-	-1-4 E	ER2	71	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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
			PLFY-P30NBMU-	Ceiling cassette													208/230V/1-		
OSU-2	SAC-2		ER2		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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
				Ceiling cassette	,	,				,	,	_	,				1,		1
			PLFY-P30NBMU-		00.005 -		00.040							0.00 / 5:-			208/230V/1-		
OSU-2	SAC-2	-2-2 E	ER2	type Ceiling cassette	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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
			PLFY-P30NBMU-														208/230V/1-		1
SU-2	SAC-2		ER2		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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
				Ceiling cassette															T
NOLL 2	SAC-2		PLFY-P30NBMU- ER2		30,000.0	24 000 0	80.0/67.0	70.0	ELLI DEMAND	20 405 4	20.050.0	ELILI DEMAND	20 500 7	3/8 / 5/8	777		208/230V/1-	0.64/0.64/45	1 2 2 4 5 6
OSU-2	5AC-2	-2-4	ER2	type Ceiling cassette	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	30,495.4	20,059.9	FULL DEMAND	20,300.7	3/6 / 3/6	111		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
		ı	PLFY-P30NBMU-														208/230V/1-		
OSU-3	SAC-3	-3-1 E	ER2	71	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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
			DI EV DOONDMII	Ceiling cassette													000/0000///4		
DSU-3	SAC-3		PLFY-P30NBMU- ER2		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
750-5	5A0-C	-5-2	_1\2	Ceiling cassette	30,000.0	54,000.0	00.0/07.0	70.0	T OLL BLIVIAND	30,493.4	20,009.9	I OLL DEWAND	20,000.7	3/0 / 3/0			рназе	0.04/0.04/13	1, 2, 3, 4, 3, 6
			PLFY-P30NBMU-														208/230V/1-		
DSU-3	SAC-	-3-3 I	ER2	* '	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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
			PLFY-P30NBMU-	Ceiling cassette													208/230V/1-		
DSU-3	SAC-3		ER2		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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
				Ceiling cassette		,					,								
			PLFY-P30NBMU-				/										208/230V/1-		
OSU-4	SAC-4	-4-1 I	ER2	type Ceiling cassette	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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
		ı	PLFY-P30NBMU-	(4-way airflow)													208/230V/1-		
SU-4	SAC-4		ER2		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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
		_		Ceiling cassette															
OSU-4	SAC-		PLFY-P30NBMU- ER2		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
700 1	6,10			Ceiling cassette	00,000.0	01,000.0	00.0/01.0	7 0.0	I OLL BLIM, III	01,070.1	20,011.0	I GLE BEIVIN WYB	20,000.0	<i>3,3 7 3,3</i>			pridoc	0.0 1/ 0.0 1/ 10	1, 2, 3, 1, 3, 3
			PLFY-P30NBMU-														208/230V/1-		
DSU-4	SAC-	-4-4 E	ER2	* '	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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
			PLFY-P30NBMU-	Ceiling cassette													208/230V/1-		
OSU-5	SAC-		ER2		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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
				Ceiling cassette															
OSU-5	SAC-		PLFY-P30NBMU- ER2		30,000.0	24 000 0	80.0/67.0	70.0	ELLI DEMAND	20 405 4	20,059.9	FULL DEMAND	20 500 7	3/8 / 5/8	777		208/230V/1-	0.64/0.64/15	1 2 2 4 5 6
JSU-5	SAU-	-5-2	ERZ	type Ceiling cassette	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	30,495.4	20,059.9	FULL DEMIAND	20,300.7	3/6 / 3/6	111		phase	0.04/0.04/15	1, 2, 3, 4, 5, 6
			PLFY-P30NBMU-	(4-way airflow)													208/230V/1-		1
OSU-5	SAC-	-5-3 E	ER2	71	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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
			PLFY-P30NBMU-	Ceiling cassette													208/230V/1-		
OSU-5	SAC-		PLF 1-P30NBWO- ER2		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
				Ceiling cassette	,	,				,	,								1
			PLFY-P30NBMU-		00.005.5		00.040= 5	70.0		04.076 /		 	00.005.5	0/0 / 5/0			208/230V/1-	0.04/2.24/7=	
DSU-6	SAC-6	-0-1	ER2	type Ceiling cassette	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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
		,	PLFY-P30NBMU-														208/230V/1-		
OSU-6	SAC-6		ER2		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		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
				Ceiling cassette															1
Neu e	040		PLFY-P30NBMU-	l` • /	20,000,0	24 000 0	80.0/67.0	70.0	ELILL DEMANS	24 070 4	20 244 5	ELILI DEMANS	20, 202, 0	2/0 / 5/0			208/230V/1-	0.64/0.64/45	1 2 2 4 5 2
OSU-6	SAC-6	·o-3 l	ER2	type Ceiling cassette	30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	31,079.1	20,314.5	FULL DEMAND	∠8,893.0	3/8 / 5/8	777		phase	0.64/0.64/15	1, 2, 3, 4, 5, 6
		,	PLFY-P30NBMU-														208/230V/1-		
1	SAC-6		ER2		30,000.0	34,000.0	80.0/67.0	70.0	FULL DEMAND	I	20,059.9	FULL DEMAND	i .	1	777		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 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

5 appropriate output capacity setting (full demand/partial demand) prior to generating this schedule. 6 It is recommended to always base heating corrected capacity on full demand.

VRF HEAT RECOVERY BRANCH CIRCUIT CONTROLLER

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

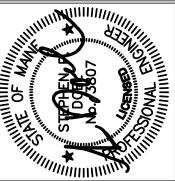
Notes & Options:

- 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)		W.P.D (FT.WG)	AIRFLOW (CFM)	BOILR	MTG. HT.	ELECTE	RICAL RE	QUIREMENTS	BASIS OF DESIGN QMark			
I AG		(GPM)	(FT.WG)		ROWS		HP P	AMPS	V/PH/HZ	SERVICE	ARRANGEMENT	MODEL	
-	-	-	-	-	-	-	-	-	-	ı	-	ı	
WH	2.0	-	-	80	-	8"	-	9,6	208/1/60	STAIRS, VESTIBULE	WALL-MOUNTED	CWH12Ø8DSAG	
-	-	-	-	-	-	-	-	-	-	-	-	-	

General Notes

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



ge Addition to Oce Gateway Garag

MECHANICAL