

MAIN SYSTEM	Power Supply System		208 Volts System						
		Power Box							
		Unit Name	Voltage	Phase	Frequency	Capacity	Connecting Method	Connect at	Used for
		Power Box	AC208V	3-ph	50/60Hz	54.9 KVA	Breaker Terminal	Ceiling	Heater VMM-55-002
			208 Volts System						
		Power Box							
		Unit Name	Voltage	Phase	Frequency	Capacity	Connecting Method	Connect at	Used for
		Power Box	AC208V	1-ph	50/60Hz	3.1 KVA	Breaker Terminal	Ceiling	Controllers, etc.
		Gas System	Unit Name	Gas type	Pressure	Flow Rate		Connecting Method	Connect at
	Gas Box		Pure N ₂	0.30MPa	50L/min	1/4"UJR	Bottom	Purge	
			N ₂ O	0.30MPa	2L/min	1/4"UJR	Bottom	Processing	
			SiH ₄	0.10MPa	1L/min	1/4"UJR	Bottom	Processing	
	Exhaust System	Unit Name	Exhaust Name		Flow Rate (Static)	Connecting Method	Connect at	Used for	
		Furnace Unit	Heater Room Exhaust		50 - 70Pa	4"MF Flange	Upper	Heat Exhaust	
			Scavenger Exhaust		51 - 70Pa	4"MF Flange	Upper	Scavenger Exhaust	
			Exhaust VENT		0.9l/min	1/2"UJR	Lower Rear Side	Reactor Normal Pressure Exhaust	
			Vacuum Exhaust			NW100	Lower Rear Side	Process Gas Exhaust	
		Gas Box	Cabinet Exhaust		3l/min (55-75Pa)	ISO-MF100	Bottom	General Exhaust	
	Empty	Unit Name	Type	Pressure	Flow Rate	Connecting Method	Connect at	Used for	
		Furnace Unit	Empty	20kPa (-80kPaG)	-	3/8" Swagelok	Bottom	FOUP Vac	
Draining System	Unit Name	Name	Pressure	Flow Rate	Connecting Method	Connect at	Drain for		
	Furnace Unit	Relief Drain	Max 0MPa	-	3/8" ISO-15000/1016	Lower Rear Side	FNC Leak Drain		
		Water Leak Drain	Max 0MPa	-	3/8" ISO-15000/1016	Lower Rear Side	Water Leak to Loading Area		

Check Item	Status	Status Issue	Broken Parts	Remark
1.Heater	L3			VMM-56-002
2.Process Tube				
3.Storage(Buffer)	L3			
4.Signal Tower	L3			
5.Carrier Transfer	L3			
6.Load Port	L3			
6-1. I/O FFU	L3			
6-2. Side FFU	L3			
7.FMS Port	L3			
8.Wafer Transfer	L3			
9.Boat Elevator	L3			
10.Auto Shutter	L3			
11.Scavenger (Manifold)	L3			
12.Boat Transfer				
13.Boat Stage				
14. Others				

Status: L1- Need to Cleaning & Parts Change

L2- Cleaning

L3- Not need to fix

Check Item	Status	Status Issue	Broken Parts	Remark
1. WAVES Controller	L3			HDD Missing
2. GFC Panel	L3			
3. Operation Panel	L3			
4. Data I/O	L3			
5. Hardware Switch	L3			
6. Gas Unit	L3			
7. Cooling Unit	L3			
8. APC Controller	L3			
9. Temp Controller	L3			
10. Vacuum Line	L3			
11. Others				

Status: L1- Need to Cleaning & Parts Change

L2- Cleaning

L3- Not need to fix

Check Item	Status	Result	Broken Parts	Remark
1. EMO Unit	L3			
2. Control Board	L3			
3. Hardware Switch	L3			
4. Transformer				
5. SCR Unit				
6. SCR Controller				
7. N2 Purge Unit 8. RF				
Power				
9. Others				
*. RCU Unit				
*. Pump Box				

Status: L1- Need to Cleaning & Parts Change

L2- Cleaning

L3- Not need to fix