

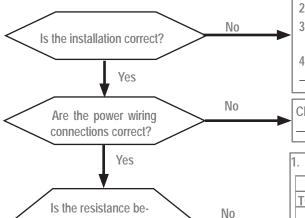
ERROR CODES

Error No. 26

AWARNING

Please refer to the Safety Precautions on pages 4-7 for more detail to prevent injury or death regarding the operation and service troubleshooting of the Multi V product.

Error No.	Description	Details	Causes		
26 Master: 261 Slave 1: 262 Slave 2: 263	Outdoor unit inverter compressor operation error.	Inverter compressor start failure.	 Overload error: Piping is clogged, indoor or outdoor unit is blocked, EEV is blocked, or there is an overcharge in refrigerant. Compressor insulation and / or motor has been damaged. Compressor wiring error. Outdoor unit inverter PCB has been damaged (CT). 		



tween each phase and the Inverter compressor insulation resistance correct?

Yes

- 1. Check if piping is clogged or has been damaged.
- 2. Check if outdoor or indoor units are blocked.
- Check if EEV is operating normally and the connections are correct.
- 4. Check the refrigerant pressure.
- → Reinstall or fix if errors are found.

Check R(L1) / S(L2) / T(L3) wiring connections.

→ Rewire if errors are found.

1. Check the resistance between each compressor terminal.

ı	JQC068IVIA				
	Temp.	77°F	167°F		
l	U-V		$0.258 \pm 7\%\Omega$		
	V-W	$0.216 \pm 7\%\Omega$	$0.258 \pm 7\%\Omega$		
	W-U	$0.216 \pm 7\%\Omega$	$0.258 \pm 7\%\Omega$		

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	JQC048MA				
	Temp.	77°F	167°F		
	U-V	0.302±7%Ω	0.360±7%Ω		
	V-W	0.302±7%Ω	0.360±7%Ω		
	W-U	0.302±7%Ω	0.360±7%Ω		

	JQC068MB / JQC068MBA				
ſ	Temp.	77°F	167°F		
ſ	U-V	0.113±7%Ω	0.135±7%Ω		
ľ	V-W	0.113±7%Ω	0.135±7%Ω		
	W_U	0.113±7%Ω	0.135±7%Ω		

l		JQC048MB / JQC048MBA			
1		Temp.	77°F	167°F	
		U-V	0.113±7%Ω	0.135±7%Ω	
		V-W	0.113±7%Ω	0.135±7%Ω	
1		W-U	0.113±7%Ω	0.135±7%Ω	

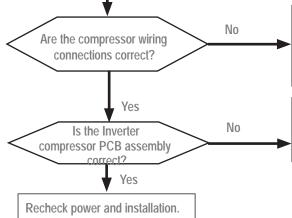
- 2. Check insulation resistance between compressor terminal and pipe $(>50\Omega M)$.
- → Replace compressor if errors are found.



- 2. Check if the wires have disconnected or were damaged.
- 3. Check compressor terminal connections for bad contacts.
- → Reassemble if errors are found.



→ Replace compressor PCB assembly if errors are found.





ERROR CODES



Error No. 26, continued.

AWARNING

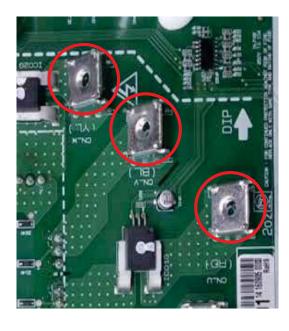
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Measure resistance between compressor terminals.



Compressor wiring connections.





Note:

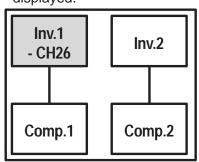
Images here are representative of system components. Actual component appearance depends on model and system type.

Table 80: Error No. 26 Checkpoint Details.

		Checklist				
Cause	Check	Check Point	Normal	Abnormal	Defective Parts	Арр.
	Check Inverter PCB appearance	Appearance	Good	Damage	Inverter PCB	B1 (Power Off)
Inverter PCB	Measure 5V,15V line	5V, 15V Resistance	10kΩ↑	1kΩ↓ ~ 0Ω		
Damaged	IGBTM (Check IGBT)	P-U,V,W / N-U,V,W	0.38V ~ 0.7V	Non-normal		
Damageu	Inverter Drive Circuit (Check diode)	Diode	0.38V ~ 0.7V	Non-normal		

Figure 73: Two Compressor Additional Check Procedure (Same Capacity Inverter Only).

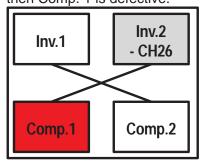
Standard Connection. Example: Inverter 1, CH26 displayed.



If Inverter 2 has CH26 displayed, then Comp. 1 is defective.

Cross Connections after Operation.

or



If Inverter 1 consistently displays CH26, then Inverter 1 is defective.

Inv.1 Inv.2 Comp.1 Comp.2

