

V4+R Series System Commissioning Report – Sheet D

Project name and location	System name
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RECORD OF ISSUES SEEN DURING COMMISSIONING				
No.	Description of observed issue	Suspected cause	Troubleshooting undertaken	Serial no. of relevant unit
1				
2				
3				

Part 3 - System Design and Installation

	OUTDOOR UNIT FINAL CHECKLIST			
	Master unit	Slave unit 1	Slave unit 2	Slave unit 3
SW2 system check performed?				
Any abnormal noise?				
Any abnormal vibration?				
Fan rotation normal?				

	Commissioning engineer	Dealer	Midea representative
Name:			
Signature:			
Date:			

V4+R Series System Commissioning Report – Sheet E

Project name and location	System name
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DSP1 content	Parameters displayed on DSP2	Remarks	Observed values		
			Cooling mode	Heating mode	Mixed mode
- 0	Outdoor unit address	Master unit: 0; slave units: 1, 2, 3			
- 1	Outdoor unit capacity	Refer to Note 1			
- 2	Number of outdoor units	Displayed on master unit PCB only			
- 3	Operating mode	Refer to Note 2			
- 4	Outdoor unit output metric (total of all units)	Displayed on master unit PCB only			
- 5	Indoor unit demand metric in cooling mode				
- 6	Indoor unit demand metric in heating mode				
- 7	Indoor unit demand metric in cooling mode after ambient temperature correction				
- 8	Indoor unit demand metric in heating mode after ambient temperature correction				
- 9	Outdoor unit output metric (this unit)				
10	Fan A speed index	Refer to Note 3			
11	Fan B speed index	Refer to Note 3			
12	Average indoor heat exchanger mid-point temperature (°C)	Actual value = value displayed			
13	Average indoor heat exchanger outlet temperature (°C)	Actual value = value displayed			
14	Outdoor heat exchanger temperature (°C) (Left)	Actual value = value displayed			
15	Outdoor heat exchanger temperature (°C) (Right)	Actual value = value displayed			
16	Outdoor ambient temperature (°C)	Actual value = value displayed			
17	Inverter compressor A discharge temperature (°C)	Actual value = value displayed			
18	Inverter compressor B discharge temperature (°C)	Actual value = value displayed			
19	Main inverter module temperature (°C)	Actual value = value displayed			
20	Saturation temperature (°C) corresponding to the discharge pressure	Actual value = value displayed + 30			
21	Discharge superheat (lowest of all units) (°C)	Actual value = value displayed			

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Project name and location		System name	
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DSP1 content	Parameters displayed on DSP2	Remarks	Observed values		
			Cooling mode	Heating mode	Mixed mode
22	Inverter compressor A current (A)	Actual value = value displayed			
23	Inverter compressor B current (A)	Actual value = value displayed			
24	Outdoor heat exchanger operating modes	Refer to Note 4			
25	EXVA position	Steps = value displayed × 8			
26	EXVB position	Steps = value displayed × 8			
27	Compressor discharge pressure (MPa)	Actual value = value displayed × 0.1			
28	Number of indoor units currently in communication with master unit	Actual value = value displayed			
29	Number of indoor units currently operating in cooling mode	Actual value = value displayed			
30	Number of indoor units currently operating in heating mode	Actual value = value displayed			
31	Reserved				
32	Silent mode	Refer to Note 5			
33	Static pressure mode	Refer to Note 6			
34	DC voltage A	Actual value = value displayed × 10			
35	DC voltage B	Actual value = value displayed × 10			
36	Reserved				
37	Reserved				
38	Most recent error or protection code	000 is displayed if no error or protection events have occurred since start-up			
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Notes:

1. Outdoor unit capacity setting:
 - 0: 8HP; 1: 10HP; 2: 12HP; 3: 14HP; 4: 16HP
2. Operating mode:
 - 0: off; 2: cooling; 3: heating; 4: forced cooling; 5: Mixed cooling; 6: Mixed heating.
3. Fan speed is adjusted in steps. The fan speed index ranges from 0 (off) to 15 (maximum).
4. Outdoor heat exchanger operating modes (left/right): 0: off/condenser; 1: evaporator/evaporator; 2: evaporator/condenser; 3: evaporator/off.
5. Silent mode:
 - 0: night silent mode; 1: silent mode; 2: super silent mode; 3: no silent mode.
6. Static pressure mode:
 - 0: standard static pressure; 1: low static pressure; 2: medium static pressure; 3: high static pressure.

V4+R Series System Commissioning Report – Sheet G

Project name and location	System name
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No.	Parameters displayed on DSP1	Remarks	Observed values	
			Cooling mode	Heating mode
1	Number of indoor units in the group being checked that are currently in communication with this MS box	Refer to Note 1		
2	Operating mode of this MS box	Refer to Note 2		
3	MS box subcooled refrigerant inlet temperature (°C)	Actual value = value displayed		
4	MS box subcooled refrigerant outlet temperature (°C)	Actual value = value displayed		
5	MS box gas pipe refrigerant temperature (°C)	Actual value = value displayed		
6	Average heat exchanger outlet temperature (°C) of indoor units in the group being checked	Refer to Note 1		
7	Number of outdoor units currently operating	Actual value = value displayed		
8	Outdoor units operating mode	Refer to Note 3		
9	MS box electronic expansion valve position	Position (steps) from 0 (fully closed) to 350 (fully open). Actual value = value displayed × 8		
10	Number of indoor units in the group being checked that are currently operating	Refer to Note 1		
11	Version number of the processing chip on the MS box PCB corresponding to the group being checked	Refer to Notes 1 and 4		
12	--			

Notes:

1. The group of downstream indoor units being checked depends on which of the spot check buttons SW1-SW6 on the MS box's PCB was pressed.
2. MS box operating mode:
 - 0: off; 2: cooling; 3: heating; 4: forced cooling; 5: mixed cooling; 6: mixed heating.
3. Outdoor unit operating mode:
 - 0: off; 2: cooling; 3: heating; 4: forced cooling; 5: mixed cooling; 6: mixed heating.
4. Each MS box PCB has one processing chip for each group of downstream indoor units.