

**V5 X Series System Commissioning Report – Sheet A**

SYSTEM INFORMATION			
Project name and location			Customer company
System name			Installation company
Commissioning date			Agent company
Outdoor ambient temp.			Commissioning engineer
Power supply (V)	A-B	B-C	C-A

OUTDOOR UNIT INFORMATION				
	Master unit	Slave unit 1	Slave unit 2	Slave unit 3
Model				
Serial no.				

	OUTDOOR UNITS												
	Master unit			Slave unit 1			Slave unit 2			Slave unit 3			
	Compressor suction pipe temperature												
	System pressure at check port												
	Phase currents (A)	A	B	C	A	B	C	A	B	C	A	B	C
Within normal range?													

COOLING MODE PARAMETER RECORD (After running in cooling mode for one hour)	INDOOR UNITS							
	(Sample of over 20% of the indoor units including the unit farthest from the outdoor units)							
	Room no.	Model	Address	Set temp. (°C)	Inlet temp. (°C)	Outlet temp. (°C)	Drainage OK?	Abnormal noise/vibration?

Part 3 - System Design and Installation

V5 X Series System Commissioning Report – Sheet B

Project name and location	System name
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		OUTDOOR UNITS											
		Master unit			Slave unit 1			Slave unit 2			Slave unit 3		
Compressor suction pipe temperature													
System pressure at check port													
		A	B	C	A	B	C	A	B	C	A	B	C
Phase currents (A)													
Within normal range?													
		INDOOR UNITS											
		(Sample of over 20% of the indoor units including the unit farthest from the outdoor units)											
Room no.	Model	Address	Set temp. (°C)	Inlet temp. (°C)	Outlet temp. (°C)	Drainage OK?	Abnormal noise/vibration?						

Midea V5 X Series Engineering Data Book

HEATING MODE PARAMETER RECORD  
(After running in heating mode for one hour)

**V5 X Series System Commissioning Report – Sheet C**

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				

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:			

V5 X Series System Commissioning Report – Sheet D

Project name and location	System name
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DSP1 content	Parameters displayed on DSP2	Remarks	Observed values	
			Cooling mode	Heating 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	Number of indoor units as set on PCB	Displayed on master unit PCB only		
- 4	Outdoor unit output metric (total of all units)	Displayed on master unit PCB only		
- 5	Indoor unit demand metric (total of all units)			
- 6	Outdoor unit output metric (master unit)			
- 7	Operating mode	Refer to Note 2		
- 8	Outdoor unit output metric (this unit)			
- 9	Fan A speed index	Refer to Note 3		
10	Fan B speed index	Refer to Note 3		
11	Average indoor heat exchanger pipe temperature (°C)	Actual value = value displayed		
12	Outdoor heat exchanger pipe temperature (°C)	Actual value = value displayed		
13	Outdoor ambient temperature (°C)	Actual value = value displayed		
14	Inverter compressor A discharge temperature (°C)	Actual value = value displayed		
15	Inverter compressor B discharge temperature (°C)	Actual value = value displayed		
16	Main inverter module temperature (°C)	Actual value = value displayed		
17	Saturation temperature (°C) corresponding to the discharge pressure	Actual value = value displayed + 30		
18	Inverter compressor A current (A)	Actual value = value displayed		
19	Inverter compressor B current (A)	Actual value = value displayed		
20	EXVA position	Steps = value displayed × 8		
21	EXVB position	Steps = value displayed × 8		

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**V5 X Series System Commissioning Report – Sheet E**

<b>Project name and location</b>	<b>System name</b>
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DSP1 content	Parameters displayed on DSP2	Remarks	Observed values	
			Cooling mode	Heating mode
22	Compressor discharge pressure (MPa)	Actual value = value displayed x 0.1		
23	Reserved			
24	Number of indoor units currently in communication with master unit	Actual value = value displayed		
25	Number of indoor units currently operating	Actual value = value displayed		
26	Priority mode	Refer to Note 4		
27	Silent mode	Refer to Note 5		
28	Static pressure mode	Refer to Note 6		
29	DC voltage A	Actual value = value displayed x 10		
30	DC voltage B	Actual value = value displayed x 10		
31	Reserved			
32	Most recent error or protection code	000 is displayed if no error or protection events have occurred since start-up		
33	Error clearance metric	Actual value = value displayed		
34	----	End		

**Notes:**

1. Outdoor unit capacity setting:
  - 0: 8HP; 1: 10HP; 2: 12HP; 3: 14HP; 4: 16HP; 5: 18HP; 6: 20HP; 7: 22HP.
2. Operating mode:
  - 0: off; 2: cooling; 3: heating; 4: forced cooling.
3. The fan speed index is related to the fan speed in rpm as described in the V5 X Service Manual, Part 3.
4. Priority mode:
  - 0: heating priority; 1: cooling priority; 2: VIP priority or voting priority; 3: heating only; 4: cooling only.
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.