

**Revision D:**

- Compressor has been changed.

Please void OB346 REVISED EDITION-C.

# SERVICE MANUAL



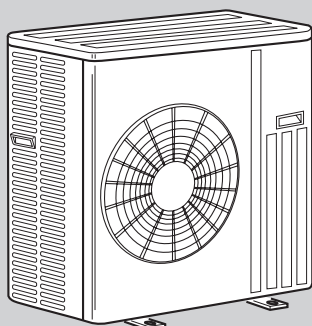
No. OB346  
REVISED EDITION-D

## Wireless type Models

**MUZ-A18YV** - [E1]

**MUZ-A24YV** - [E1]

**MUZ-A26YV** - [E1]



Indication of  
model name

**MUZ-A18YV** - [E1]

**MUZ-A24YV** - [E1]

**MUZ-A26YV** - [E1]

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**NOTE:**

This service manual describes technical data of the outdoor units.

•As for indoor units MSZ-A18YV -[E1], MSZ-A24YV -[E1] and MSZ-A26YV -[E1], refer to the service manual OB345.

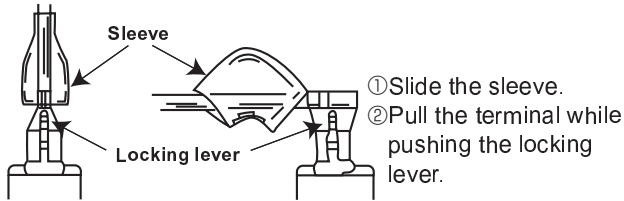
•As for indoor units MCFZ-A18WV -[E1] and MCFZ-A24WV -[E1], refer to the service manual OB344.



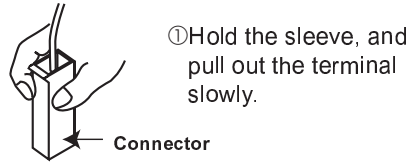
<"Terminal with lock mechanism" Detaching points>

In case of terminal with lock mechanism, detach the terminal as shown below.  
 There are two types ( Refer to (1) and (2)) of the terminal with lock mechanism.  
 The terminal with no lock mechanism can be removed by pulling it out.  
 Check the shape of the terminal and work.

(1) Slide the sleeve and check if there is a locking lever or not.



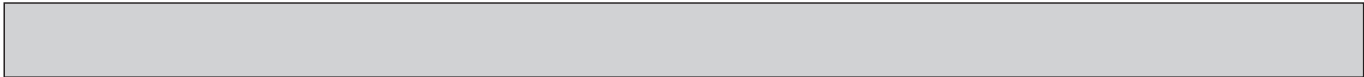
(2) The terminal with this connector is a terminal with lock mechanism



MUZ-A18YV -[E1] MUZ-A24YV -[E1] MUZ-A26YV -[E1]  
**OUTDOOR UNIT**

**NOTE :**  
 These photos are MUZ-A26YV.  
 Other models are almost the same as MUZ-A26YV.

OPERATING PROCEDURE	PHOTOS
<p><b>1. Removing the cabinet</b></p> <ol style="list-style-type: none"> <li>(1) Remove the screws of the service panel.</li> <li>(2) Remove the screws of the top panel.</li> <li>(3) Remove the screw of the valve cover.</li> <li>(4) Remove the service panel.</li> <li>(5) Remove the top panel.</li> <li>(6) Remove the valve cover.</li> <li>(7) Remove the screws of the cabinet.</li> <li>(8) Remove the cabinet.</li> <li>(9) Remove the screws of the back panel.</li> <li>(10) Remove the back panel.</li> </ol> <p><b>Photo 3</b></p> <p>Screw of the motor support</p> <p>Screws of the back panel</p> <p>Set screws of the back panel</p>	<p><b>Photo 1</b></p> <p>Screw of the top panel</p> <p>Screws of the cabinet</p> <p>Screws of the cabinet</p> <p><b>Photo 2</b></p> <p>Screw of the service panel</p> <p>Screws of the top panel</p> <p>Screws of the cabinet</p> <p>Screw of the valve cover</p>



## OPERATING PROCEDURE

### 4. Removing the defrost thermistor, discharge temperature thermistor and outdoor heat exchanger temperature thermistor

- (1) Remove the top panel, cabinet and service panel. (Refer to 1.)
- (2) Remove the back panel. (Refer to 1.)
- (3) Remove the inverter assembly. (Refer to 2.)
- (4) Pull out the defrost thermistor from its holder. (Photo 6)
- (5) Pull out the discharge temperature thermistor from its holder. (Photo 5)
- (6) Pull out the outdoor heat exchanger temperature thermistor from its holder. (Photo 6)

## PHOTOS

Photo 5

Discharge temperature thermistor

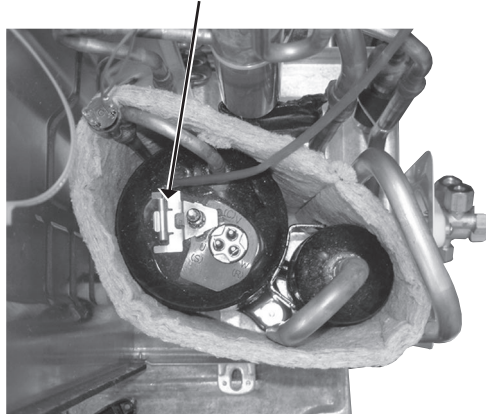
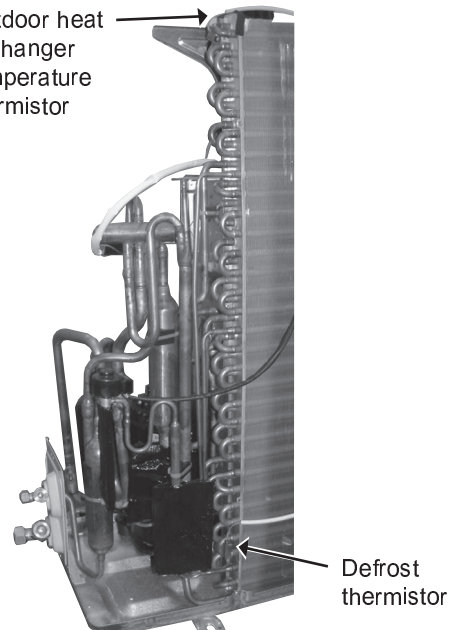


Photo 6

Outdoor heat exchanger temperature thermistor

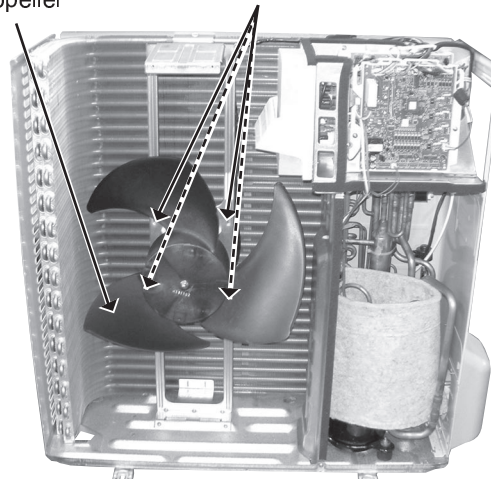


### 5. Removing outdoor fan motor

- (1) Remove the top panel, cabinet and service panel. (Refer to 1.)
- (2) Remove the back panel. (Refer to 1.)
- (3) Remove the inverter assembly. (Refer to 2.)
- (4) Remove the propeller.
- (5) Remove the screws fixing the fan motor.
- (6) Remove the fan motor.

Photo 7

Propeller      Screws of the outdoor fan motor



## OPERATING PROCEDURE

### 6. Removing the compressor and 4-way valve

(1) Remove the top panel, cabinet and service panel.  
(Refer to 1.)

(2) Remove the back panel. (Refer to 1.)

(3) Remove the inverter assembly. (Refer to 2.)

(4) Recover gas from the refrigerant circuit.

**NOTE:** Recover gas from the pipes until the pressure gauge shows 0 kg/cm<sup>2</sup> (0 MPa).

(5) Detach the welded part of the suction and the discharge pipe connected with compressor. (Photo 9)

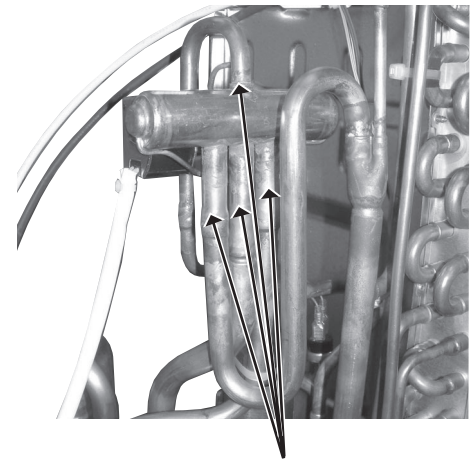
(6) Remove the compressor nuts.

(7) Remove the compressor.

(8) Detach the welded part of 4-way valve and pipe. (Photo 8)

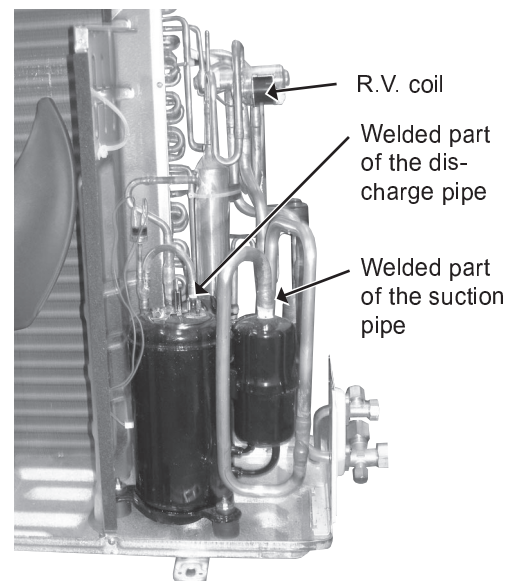
## PHOTOS

Photo 8



Welded parts of 4-way valve

Photo 9



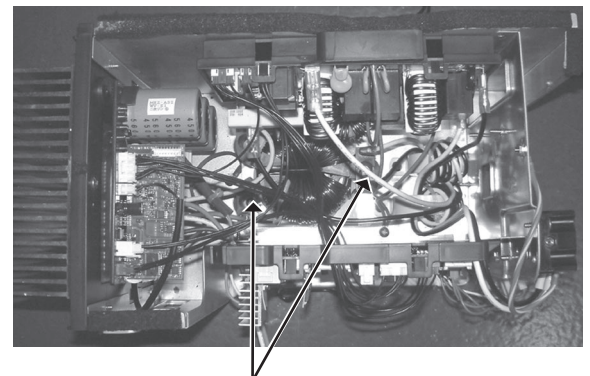
### 7. Removing the reactor

(1) Remove the top panel. (Refer to 1.)

(2) Disconnect the reactor lead wire.

(3) Remove the screws of the reactor, and remove the reactor.

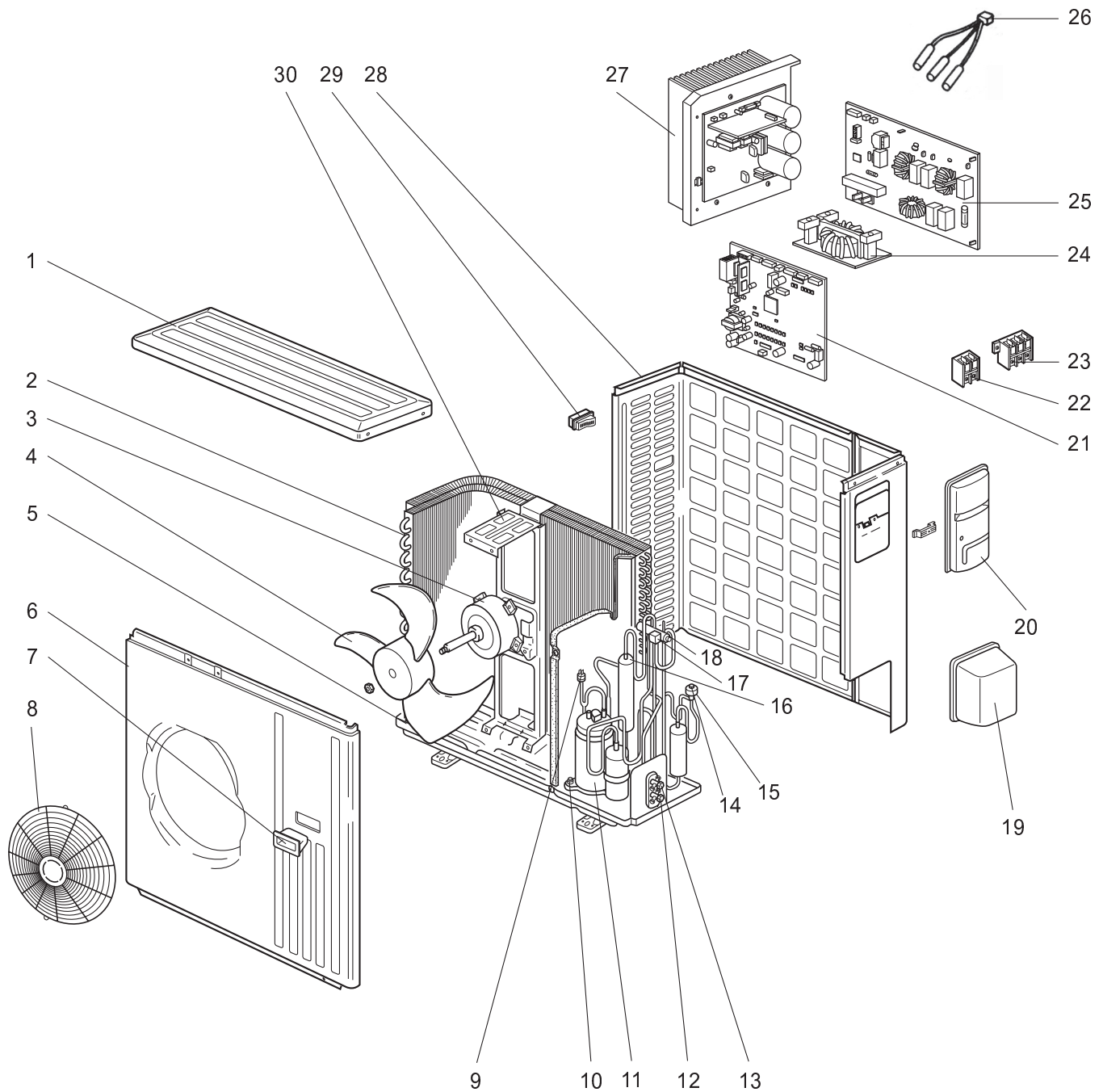
Photo 10



Screws of the reactor

MUZ-A18YV -E1 MUZ-A24YV -E1 MUZ-A26YV -E1

12-1. OUTDOOR UNIT STRUCTURAL PARTS, ELECTRICAL PARTS AND FUNCTIONAL PARTS



These figures show about MUZ-A26YV.

MUZ-A18YV -[E1] MUZ-A24YV -[E1] MUZ-A26YV -[E1]

12-1. OUTDOOR UNIT STRUCTURAL PARTS, ELECTRICAL PARTS AND FUNCTIONAL PARTS

Part numbers that are circled are not shown in the illustration.

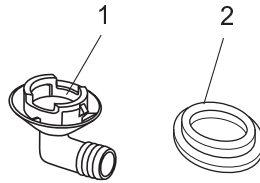
No.	Part No.	Part Name	Symbol in Wiring Diagram	Q'ty/unit			Remarks
				MUZ-A18 YV -[E1]	MUZ-A24 YV -[E1]	MUZ-A26 YV -[E1]	
1	E02 819 297	TOP PANEL		1	1	1	
2	E02 851 630	OUTDOOR HEAT EXCHANGER		1	1		
	E02 853 630	OUTDOOR HEAT EXCHANGER				1	
3	E02 851 301	OUTDOOR FAN MOTOR	MF	1	1	1	PM8H60- □□
4	E02 851 501	PROPELLER		1	1	1	
5	E02 851 290	BASE		1	1		
	E02 853 290	BASE				1	
6	E02 819 232	CABINET		1	1	1	
7	E02 819 009	HANDLE		1	1	1	
8	E02 819 521	FAN GUARD		1	1	1	
9	E02 853 646	HIGH PRESSURE SWITCH	HPS			1	
10	E02 065 506	COMPRESSOR RUBBER SET		3	3		3RUBBERS/SET
	E02 853 506	COMPRESSOR RUBBER SET				3	3RUBBERS/SET
11	E02 939 900	COMPRESSOR	MC	1	1		SNB130FLDH1
	E02 853 900	COMPRESSOR	MC			1	TNB220FMCH
12	E02 851 661	STOP VALVE(GAS)		1			φ12.7
	E02 819 661	STOP VALVE(GAS)			1	1	φ15.88
13	E02 821 662	STOP VALVE(LIQUID)		1	1		φ6.35
	E02 822 662	STOP VALVE(LIQUID)				1	φ9.52
14	E02 851 640	EXPANSION VALVE		1	1		
	E02 853 640	EXPANSION VALVE				1	
15	E02 851 493	EXPANSION VALVE COIL	LEV	1	1	1	
16	E02 853 299	OIL SEPARATOR				1	
17	E02 851 490	R.V. COIL	21S4	1	1	1	
18	E02 891 961	4-WAY VALVE		1	1	1	
19	E02 819 650	VALVE COVER		1	1	1	
20	E02 819 245	SERVICE PANEL		1	1	1	
21	E02 851 450	OUTDOOR ELECTRONIC CONTROL P.C. BOARD		1			
	E02 852 450	OUTDOOR ELECTRONIC CONTROL P.C. BOARD			1		
	E02 853 450	OUTDOOR ELECTRONIC CONTROL P.C. BOARD				1	
22	E02 836 374	TERMINAL BLOCK	TB2	1	1	1	2P
23	E02 823 375	TERMINAL BLOCK	TB1	1	1	1	3P
24	E02 851 337	REACTOR	L	1	1	1	
25	E02 851 444	NOISE FILTER P.C. BOARD		1	1	1	
26	E02 851 308	THERMISTOR SET	RT61,RT62,RT68	1	1	1	DISCHARGE, DEFROST OUTDOOR HEAT EXCHANGER
27	E02 851 440	POWER BOARD		1	1	1	Including heat sink and RT65
28	E02 819 233	BACK PANEL(OUT)		1	1	1	
29	E02 817 009	HANDLE		1	1	1	
30	E02 851 515	MOTOR SUPPORT		1	1	1	
③①	E02 127 382	FUSE	F801	1	1	1	250V/3.15A
③②	E02 737 382	FUSE	F911	1	1	1	250V/1A
③③	E02 735 385	FUSE & VARISTOR	F912,NR63	1	1	1	250V/3.15A
③④	E02 851 936	CAPILLARY TUBE(TAPER PIPE)		1	1		φ3.6xφ2.4x50
	E02 853 936	CAPILLARY TUBE(TAPER PIPE)				1	φ3.6xφ2.4x50
	E02 861 936	CAPILLARY TUBE				1	φ1.8xφ0.6x1000

MUZ-A18YV -[E1]

MUZ-A24YV -[E1]

MUZ-A26YV -[E1]

## 12-2. ACCESSORY



No.	Part No.	Part Name	Symbol in Wiring Diagram	Q'ty/unit			Remarks
				MUZ-A18 YV -[E1]	MUZ-A24 YV -[E1]	MUZ-A26 YV -[E1]	
1	E02 817 704	DRAIN SOCKET		1	1	1	
2	E02 444 705	DRAIN CAP		2	2	2	φ33

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