Changes for the Better

MITSUBISHI ELECTRIC

SPLIT-TYPE, HEAT PUMP AIR CONDITIONERS

May 2009
No.OC374
REVISED EDITION-F

SERVICE MANUAL

R410A

Outdoor unit

[model names]

PUHZ-RP35VHA2	**PUHZ-RP35VHA3**
PUHZ-RP50VHA2	**PUHZ-RP50VHA3**
PUHZ-RP60VHA2	**PUHZ-RP60VHA3**
PUHZ-RP71VHA2	**PUHZ-RP71VHA3**
PUHZ-RP100VHA2	**PUHZ-RP100VHA3**
PUHZ-RP125VHA2	
PUHZ-RP140VHA2	
PUHZ-RP100YHA2	**PUHZ-RP100YHA3**
PUHZ-RP125YHA2	
PUHZ-RP140YHA2	

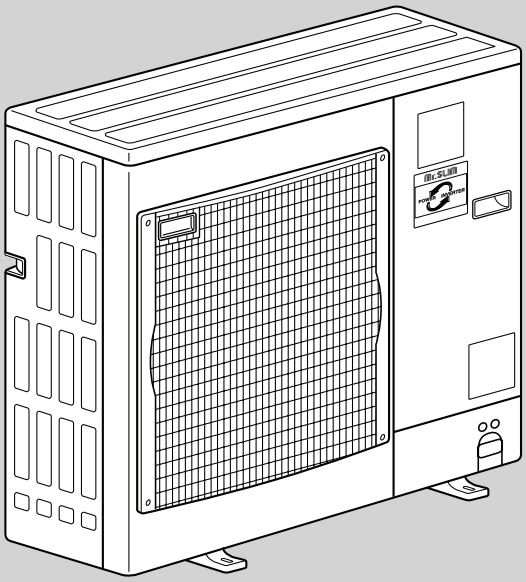
Revision:
- "17. RoHS PARTS LIST" has been modified.

- Please void OC374 REVISED EDITION-E.

NOTE:
- This manual describes only service data of the outdoor units.
- RoHS compliant products have <G> mark on the spec name plate.
- For servicing of RoHS compliant products, refer to the RoHS PARTS LIST.

[Service Ref.]

Service Ref. is on page 2.



PUHZ-RP60VHA2	**PUHZ-RP60VHA2$_1$**
PUHZ-RP71VHA2	**PUHZ-RP71VHA2$_1$**
PUHZ-RP60VHA3	**PUHZ-RP71VHA3**
PUHZ-RP60VHA3#1	**PUHZ-RP71VHA3#1**

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Mr.SLIM™

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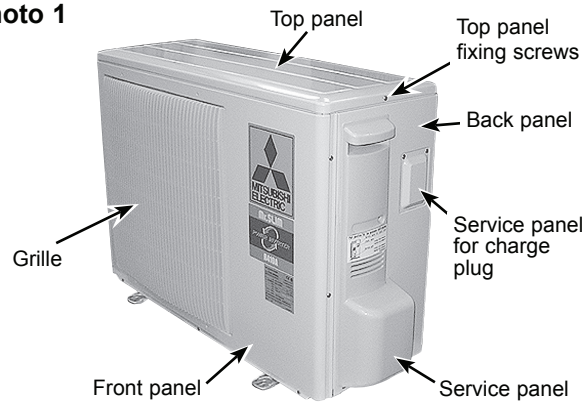
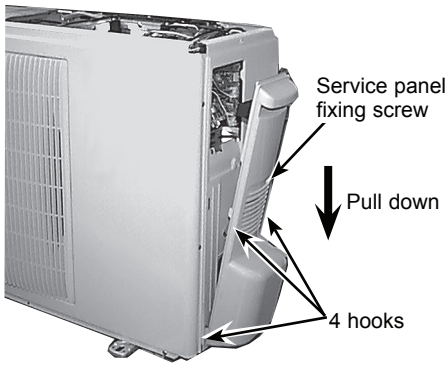
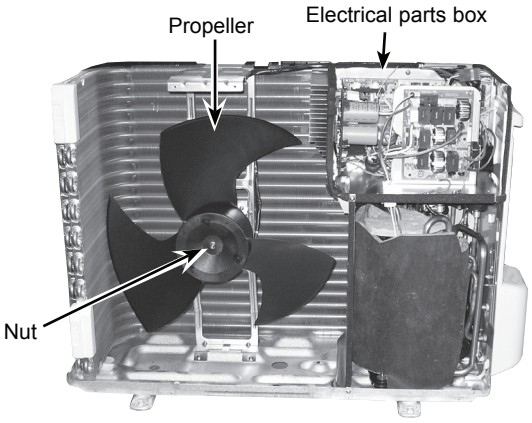
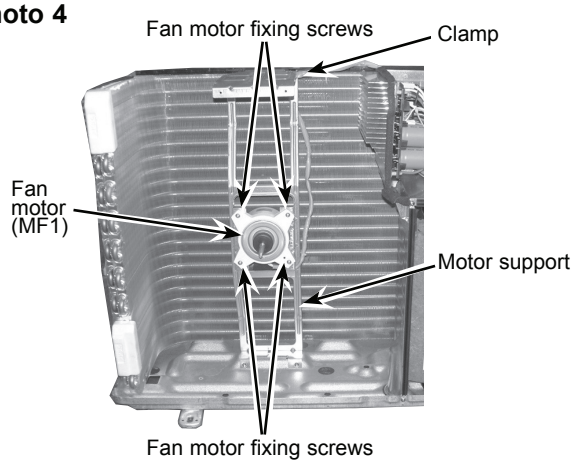
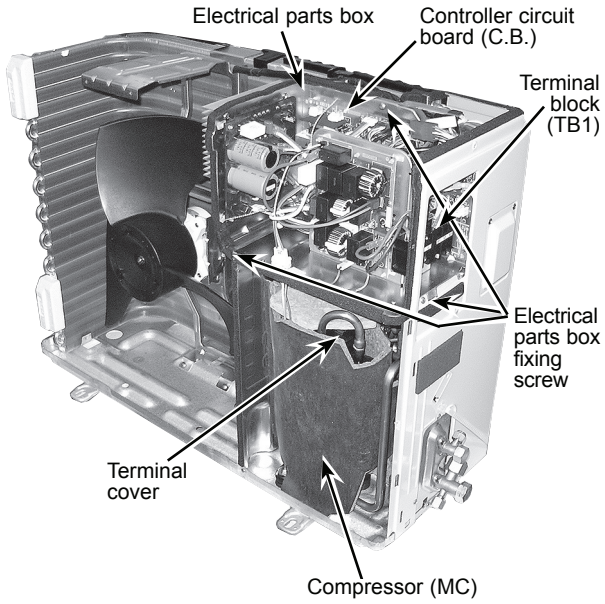
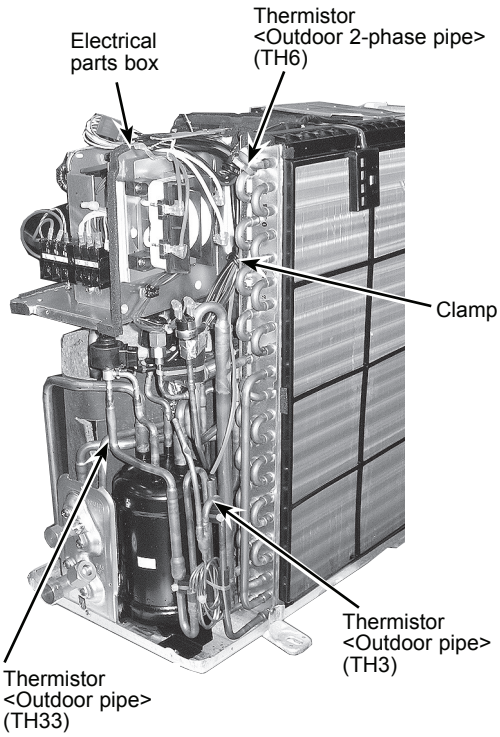
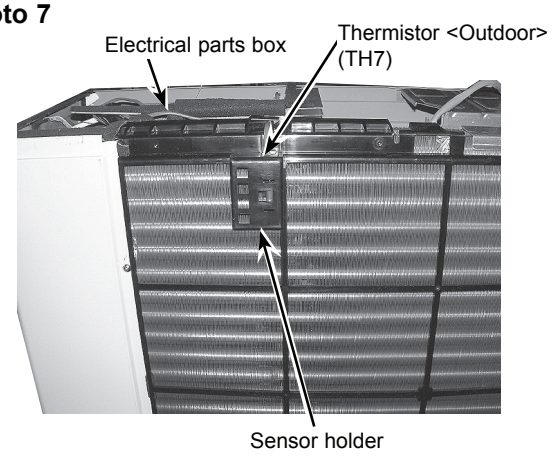
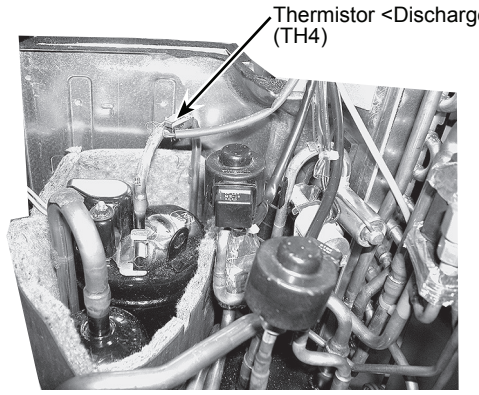
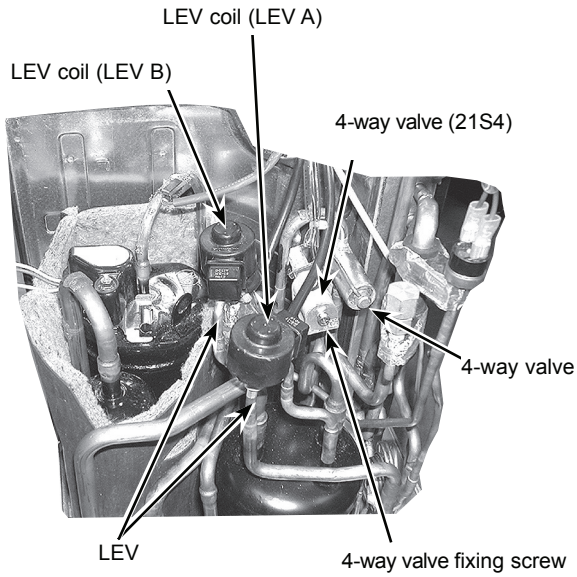
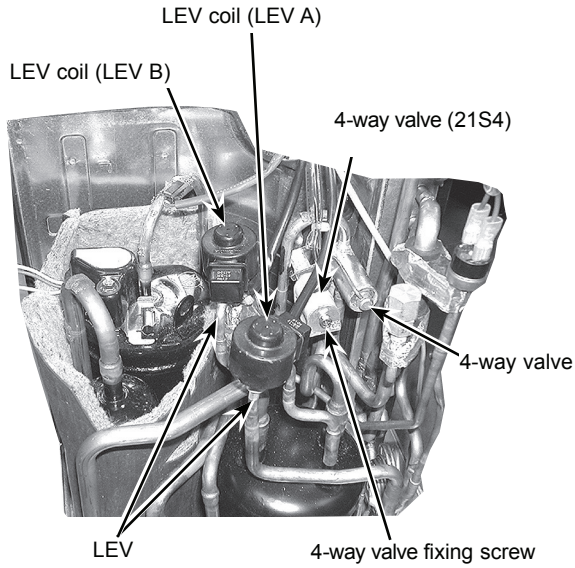
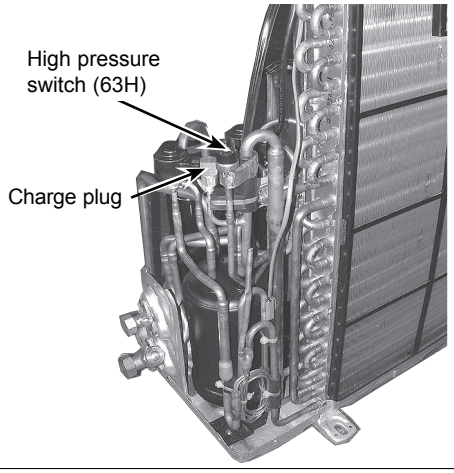
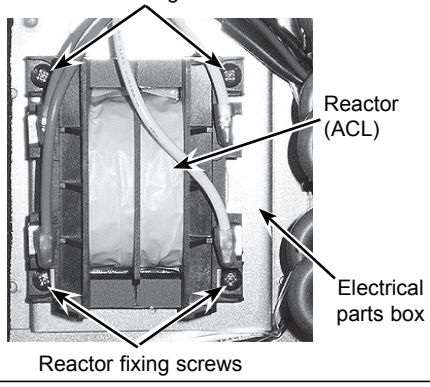
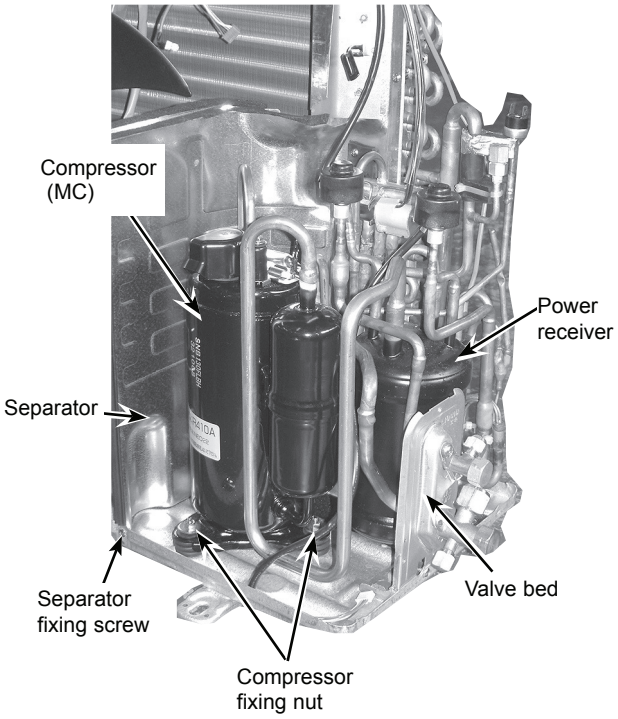
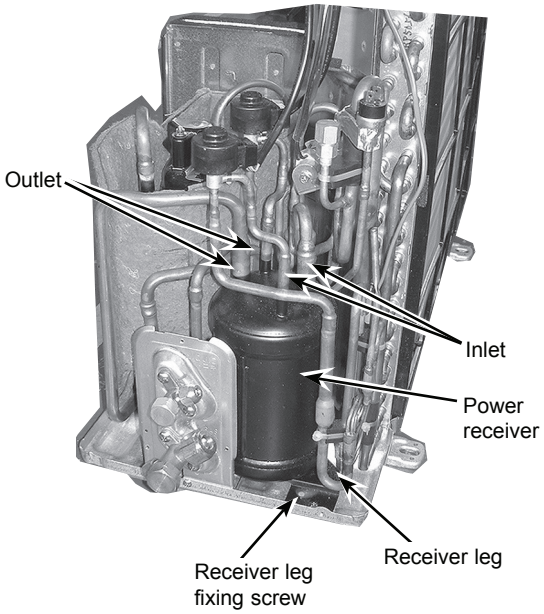
PUHZ-RP35, 50VHA2(1)/VHA3

OPERATING PROCEDURE	PHOTOS
1. Removing the top panel, service panel, front panel and back panel (1) Remove the top panel fixing screws (4 × 10), one from the right and two from the left side, and detach the top panel. (2) Remove 1 service panel fixing screw (4 × 10) and detach the service panel by pulling it downward. (See Photo 2.) (3) Remove the front panel fixing screws (4 × 10), 5 from the front, 2 from the right and 2 from the left side, and detach the front panel. (4) Remove the back panel fixing screws (4 × 10), 4 from the right and 3 from the rear side, and detach the back panel.	**Photo 1**  **Photo 2** 
2. Removing the fan motor (1) Remove the top panel. (See Photo 1) (2) Remove the front panel. (See Photo 1) (3) Remove 1 nut (M6, left-screw) and detach the propeller. (4) Disconnect the connector CNF1 on the controller circuit board in the electrical parts box. (5) Loosen the clamp for the lead wire in the motor support. (6) Remove 4 fan motor fixing screws (4 × 18) and detach the fan motor. (See Photo 3)	**Photo 3**  **Photo 4** 

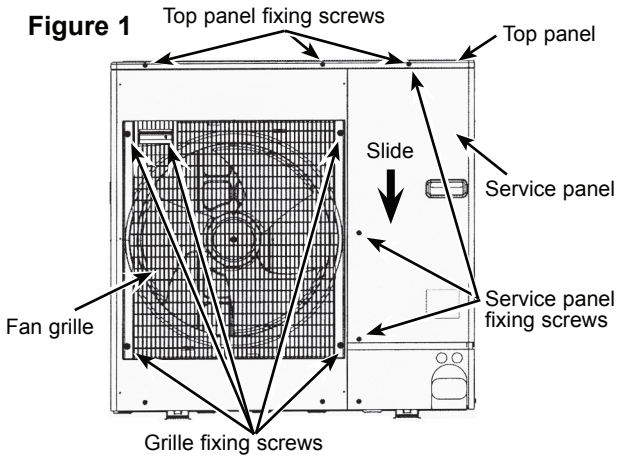
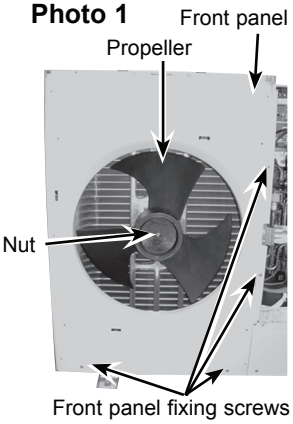
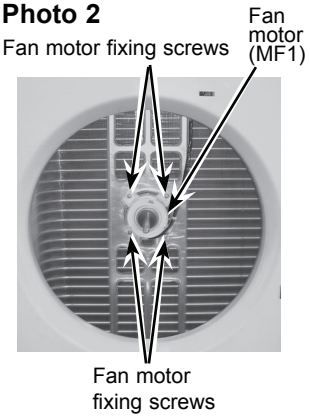
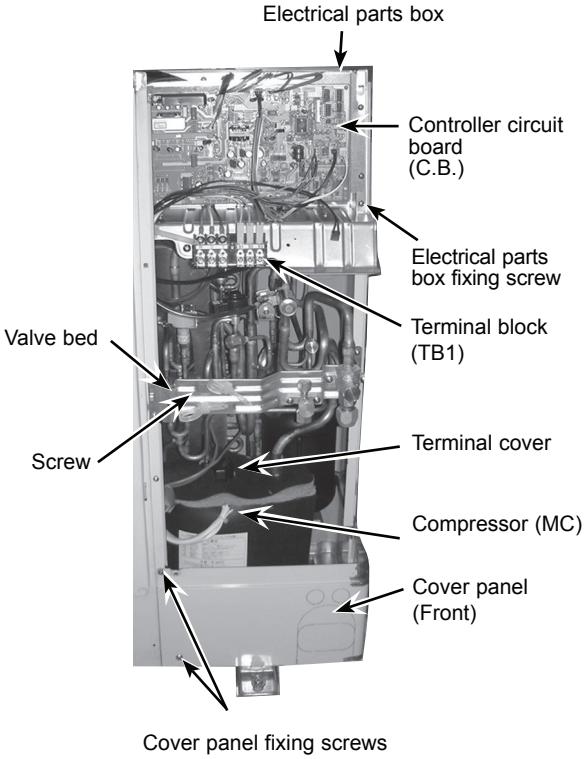
OPERATING PROCEDURE	PHOTOS
3. Removing the electrical parts box (1) Remove the service panel. (See Photo 2) (2) Remove the top panel. (See Photo 1) (3) Remove the front panel. (See Photo 1) (4) Disconnect the indoor/outdoor connecting wire from terminal block. (5) Remove all the following connectors from controller circuit board; fan motor, LEV, thermistor<Outdoor pipe>, thermistor<Discharge>, thermistor<Outdoor 2-phase pipe>, thermistor<Outdoor>, high pressure switch, 4-way valve and bypass valve. Pull out the disconnected wire from the electrical parts box. <Diagram symbol in the connector housing> • Fan motor (CNF1) • LEV (LEV-A and LEV-B) • Thermistor <Outdoor pipe> (TH3) (TH33) • Thermistor <Discharge> (TH4) • Thermistor <Outdoor 2-phase pipe, Outdoor> (TH6/7) • High pressure switch (63H) (6) Remove the terminal cover and disconnect the compressor lead wire. (7) Remove the electrical parts box fixing screws, 1 from the front, the right and the rear side, and detach the electrical parts box by pulling it upward.	**Photo 5** 
4. Removing the thermistor <Outdoor 2-phase pipe> (TH6) and thermistor <Outdoor pipe> (TH3) (TH33) (1) Remove the service panel. (See Photo 2.) (2) Remove the top panel. (See Photo 1) (3) Remove the front panel. (See Photo 1) (4) Remove the back panel fixing screws, 4 from the right and 3 from the rear side, and detach the back panel. (See photo 1.) (5) Disconnect the connector TH3 (white) or TH6/7 (red) or TH33 (yellow) on the controller circuit board in the electrical parts box. (6) Loosen the clamp for the lead wire in the rear of the electrical parts box. (7) Pull out the thermistor <Outdoor pipe> (TH3), (TH33) and thermistor <Outdoor 2-phase pipe> (TH6) from the sensor holder. **Note: Replace the thermistor <Outdoor 2-phase pipe> (TH6) and the thermistor <Outdoor> (TH7) together since they are combined.** **Refer to No. 5. to remove the thermistor <Outdoor> (TH7).**	**Photo 6** 

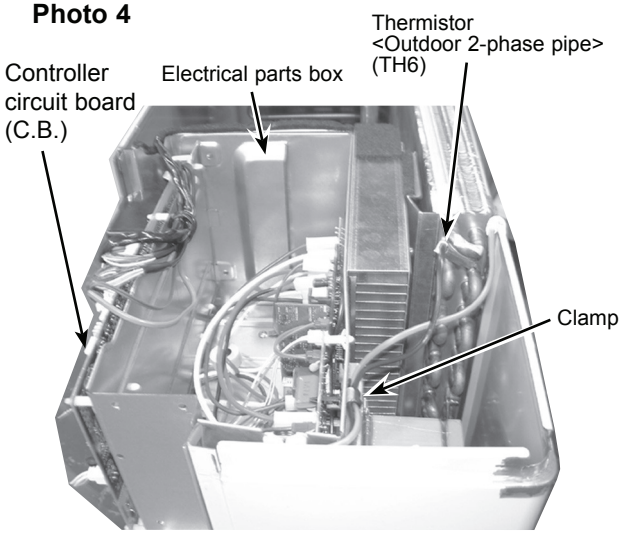
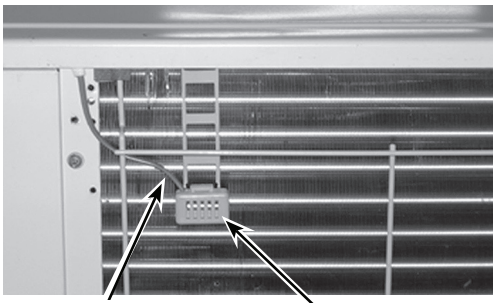
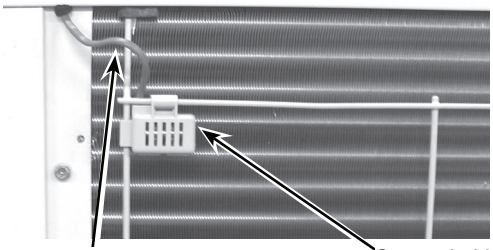
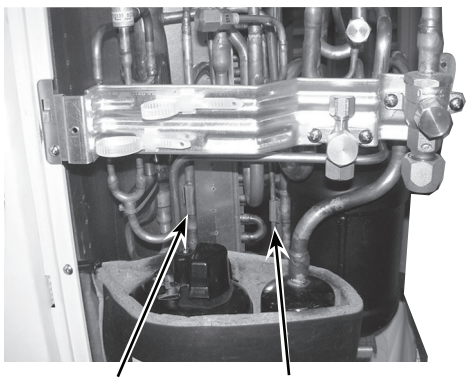
OPERATING PROCEDURE	PHOTOS
5. Removing the thermistor <Outdoor> (TH7) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Disconnect the connector TH7 (red) on the controller circuit board in the electrical parts box. (4) Loosen the clamp for the lead wire in the rear of the electrical parts box. (See Photo 4) (5) Pull out the thermistor <Outdoor> (TH7) from the sensor holder. **Note: In case of replacing thermistor <Outdoor> (TH7), replace it together with thermistor <Outdoor 2-phase pipe> (TH6), since they are combined together. Refer to No.4. to remove thermistor <Outdoor 2-phase pipe>.**	**Photo 7** 
6. Removing the thermistor <Discharge> (TH4) (1) Remove the service panel. (See Photo 2) (2) Remove the top panel. (See Photo 1) (3) Remove the front panel. (See Photo 1) (4) Remove the back panel. (See Photo 1) (5) Remove the electrical parts box. (See Photo 5) (6) Pull out the thermistor <Discharge> (TH4) from the sensor holder. (See Photo 8.) ※ When attaching the thermistor <Discharge> (TH4), place it to its original position.	**Photo 8** 
7. Removing the 4-way valve (21S4) and LEV coil (LEV (A), LEV (B)) (1) Remove the service panel. (See Photo 2) (2) Remove the top panel. (See Photo 1) (3) Remove the front panel. (See Photo 1) (4) Remove the back panel. (See Photo 1) (5) Remove the electrical parts box. (See Photo 5) [Removing the 4-way valve (21S4)] (6) Remove 1 4-way valve fixing screw (M4 × 6). (7) Remove the 4-way valve by sliding the coil to the right. [Removing the LEV coil (LEV (A), LEV (B))] (6) Remove the LEV coil by sliding the coil upward.	**Photo 9** 

OPERATING PROCEDURE	PHOTOS
8. Removing the 4-way valve (1) Remove the service panel. (See Photo 2) (2) Remove the top panel. (See Photo 1) (3) Remove the front panel. (See Photo 1) (4) Remove the back panel. (See Photo 1) (5) Remove the electrical parts box. (See Photo 5) (6) Remove the 4-way valve (See Photo 8) (7) Recover refrigerant. (8) Remove the welded part of 4-way valve. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the right side panel.** **Note 3: When installing the 4-way valve, cover it with a wet cloth to prevent it from heating (120°C or more), then braze the pipes so that the inside of pipes are not oxidized.**	**Photo 10** 
9. Removing LEV (1) Remove the service panel. (See Photo 2) (2) Remove the top panel. (See Photo 1) (3) Remove the front panel. (See Photo 1) (4) Remove the back panel. (See Photo 1) (5) Remove the electrical parts box. (See Photo 5) (6) Remove the LEV coil . (See Photo 8) (7) Recover refrigerant. (8) Remove the welded part of LEV. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the back panel.** **Note 3: When installing the LEV, cover it with a wet cloth to prevent it from heating (120°C or more), then braze the pipes so that the inside of pipes are not oxidized.**	
10. Removing the high pressure switch (63H) (1) Remove the service panel. (See Photo 2) (2) Remove the top panel. (See Photo 1) (3) Remove the front panel. (See Photo 1) (4) Remove the back panel. (See Photo 1) (5) Remove the electrical parts box. (See Photo 5) (6) Pull out the lead wire of high pressure switch. (7) Recover refrigerant. (8) Remove the welded part of high pressure switch. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the back panel.** **Note 3: When installing the high pressure switch, cover it with a wet cloth to prevent it from heating (100°C or more), then braze the pipes so that the inside of pipes are not oxidized.**	**Photo 11** 
11. Removing the reactor (ACL) (1) Remove the service panel. (See Photo 2) (2) Remove the top panel. (See Photo 1) (3) Remove the front panel. (See Photo 1) (4) Remove the back panel. (See Photo 1) (5) Remove 3 reactor fixing screws (4 × 20) and remove the reactor. ※ The reactor is attached to the rear of the electrical parts box.	**Photo 12** 

OPERATING PROCEDURE	PHOTOS
12. Removing the compressor (MC) (1) Remove the service panel. (See Photo 2) (2) Remove the top panel. (See Photo 1) (3) Remove the front panel. (See Photo 1) (4) Remove the back panel. (See Photo 1) (5) Remove the electrical parts box. (See Photo 5) (6) Remove 3 separator fixing screws (4 × 10) and remove the separator. (7) Recover refrigerant. (8) Remove 3 compressor fixing nuts by using a spanner or a adjustable wrench. (9) Remove the welded pipe of motor for compressor inlet and outlet. **Note: Recover refrigerant without spreading it in the air.**	**Photo 13** 
13. Removing the power receiver (1) Remove the service panel. (See Photo 2) (2) Remove the top panel. (See Photo 1) (3) Remove the front panel. (See Photo 1) (4) Remove the back panel. (See Photo 1) (5) Remove the electrical parts box. (See Photo 5) (6) Recover refrigerant. (7) Remove 4 welded pipes of power receiver inlet and outlet. (8) Remove 2 receiver leg fixing screws (4 × 10). (9) Remove the power receiver together with the receiver leg. **Note: Recover refrigerant without spreading it in the air.**	**Photo 14** 

PUHZ-RP60,71VHA2(1) / VHA3 / VHA3#1

OPERATING PROCEDURE	PHOTOS & ILLUSTRATION
1. Removing the service panel and top panel (1) Remove 3 service panel fixing screws (5 × 10) and slide the hook on the right downward to remove the service panel. (2) Remove screws (3 for front, 3 for rear/5 × 10) of the top panel and remove it.	**Figure 1** 
2. Removing the fan motor (MF1) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 5 fan grille fixing screws (5 × 10) to detach the fan grille. (See Figure 1) (4) Remove a nut (for right handed screw of M6) to detach the propeller. (See Photo 1) (5) Disconnect the connector CNF1 on controller circuit board in electrical parts box. (6) Remove 4 fan motor fixing screws (5 × 25) to detach the fan motor. (See Photo 2)	**Photo 1**  **Photo 2** 
3. Removing the electrical parts box (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Disconnect the indoor/outdoor connecting wire from terminal block. (4) Remove all the following connectors from controller circuit board; fan motor, LEV, thermistor<Outdoor pipe>, thermistor<Discharge>, thermistor<Outdoor 2-phase pipe>, thermistor<Outdoor>, thermistor<Heatsink>, high pressure switch, 4-way valve and bypass valve. Then remove a screw (4 × 8) from the valve bed to remove the lead wire. Pull out the disconnected wire from the electrical parts box. <Diagram symbol in the connector housing> • Fan motor (CNF1) • LEV (LEV-A and LEV-B) • Thermistor <Outdoor pipe> (TH3) (TH33) • Thermistor <Discharge> (TH4) • Thermistor <Outdoor 2-phase pipe, Outdoor> (TH6/7) • Thermistor <Heatsink> (CN3) • High pressure switch (63H) • 4-way valve coil (21S4) • Bypass valve coil (SV2) • Thermistor <Shell> (TH32) only for VHA3#1 (5) Remove the terminal cover and disconnect the compressor lead wire. (6) Remove an electrical parts box fixing screw (4 × 10) and detach the electrical parts box by pulling it upward. The electrical parts box is fixed with 2 hooks on the left and 1 hook on the right.	**Photo 3** 

OPERATING PROCEDURE	PHOTOS
4. Removing the thermistor <Outdoor 2-phase pipe> (TH6) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Disconnect the connectors, TH7/6 (red), on the controller circuit board in the electrical parts box. (4) Loosen the clamp for the lead wire in the rear of the electrical parts box. (5) Pull out the thermistor <Outdoor 2-phase pipe> (TH6) from the sensor holder. **Note: In case of replacing thermistor <Outdoor 2-phase pipe> (TH6), replace it together with thermistor <Outdoor> (TH7), since they are combined together. Refer to No.5 below to remove thermistor <Outdoor>.**	**Photo 4** 
5. Removing the thermistor <Outdoor> (TH7) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Disconnect the connector TH7/6 (red) on the controller circuit board in the electrical parts box. (4) Loosen the clamp for the lead wire in the rear of the electrical parts box. (See Photo 4) (5) Pull out the thermistor <Outdoor> (TH7) from the sensor holder. **Note: In case of replacing thermistor <Outdoor> (TH7), replace it together with thermistor <Outdoor 2-phase pipe> (TH6), since they are combined together. Refer to No.4 above to remove thermistor <Outdoor 2-phase pipe>.**	**Photo 5** **PUHZ-RP60/71VHA2**  **PUHZ-RP60/71VHA2$_{1}$ PUHZ-RP60/71VHA3(#1)** 
6. Removing the thermistor <Outdoor pipe> (TH3) (TH33) and thermistor <Discharge> (TH4), thermistor <Shell> (TH32) (1) Remove the service panel. (See Figure 1) (2) Disconnect the connectors, TH3 (white) and TH4 (white), TH33 (yellow), TH32 (black) on the controller circuit board inthe electrical parts box. (3) Loosen the clamp for the lead wire in the rear of the electrical parts box. (See Photo 4) (4) Pull out the thermistor <Outdoor pipe> (TH3), (TH33) and thermistor <Discharge> (TH4) from the sensor holder. [Removing the thermistor<Shell> (TH32)] for 60/71VHA3#1 (5) Pull out the themistor <Shell> (TH32) from the holder of the compressor shell. VHA2$_{(1)}$(TH33 : See Photo 9) VHA3 (#1) (TH3, TH33 : See Figure 2)	**Photo 6** **PUHZ-RP60/71VHA2$_{(1)}$** 

OPERATING PROCEDURE

7. Removing the 4-way valve coil (21S4), LEV coil (LEV(A), LEV(B)) and bypass valve coil (SV)

(1) Remove the service panel. (See Figure 1)
(2) Remove the top panel. (See Figure 1)
(3) Remove the electrical parts box. (See Photo 4)

[Removing the 4-way valve coil]

(4) Remove 4-way valve coil fixing screw (M4 × 6).
(5) Remove the 4-way valve coil by sliding the coil toward you.
(6) Disconnect the connector 21S4 (green) on the controller board in the electrical parts box.

[Removing the LEV coil]

(4) Remove the LEV coil by sliding the coil upward.
(5) Disconnect the connectors, LEV A (white) and LEV B (red), on the controller circuit board in the electrical parts box.

[Removing the bypass valve coil]

(4) Remove the bypass valve coil fixing screw (M4 × 6).
(5) Remove the bypass valve coil by sliding the coil upward.
(6) Disconnect the connector SV2 (blue) on the controller circuit board in the electrical parts box.

8. Removing the 4-way valve

(1) Remove the service panel. (See Figure 1)
(2) Remove the top panel. (See Figure 1)
(3) Remove the electrical parts box. (See Photo 3)
(4) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16) and then remove the valve bed.
(5) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit and then remove the right side panel.
(6) Remove the 4-way valve coil. (See Photo 7)
(7) Recover refrigerant.
(8) Remove the welded part of four-way valve.

Note 1: Recover refrigerant without spreading it in the air.
Note 2: The welded part can be removed easily by removing the right side panel.
Note 3: When installing the 4-way valve, cover it with a wet cloth to prevent it from heating (120°C or more), then braze the pipes so that the inside of pipes are not oxidized.

9. Removing the LEV

(1) Remove the service panel. (See Figure 1)
(2) Remove the top panel. (See Figure 1)
(3) Remove the electrical parts box. (See Photo 3)
(4) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16) and then remove the valve bed.
(5) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit and then remove the right side panel.
(6) Remove the LEV.
(7) Recover refrigerant.
(8) Remove the welded part of linear expansion valve.

Note 1: Recover refrigerant without spreading it in the air.
Note 2: The welded part can be removed easily by removing the right side panel.
Note 3: When installing the LEV, cover it with a wet cloth to prevent it from heating (120°C or more), then braze the pipes so that the inside of pipes are not oxidized.

PHOTOS

Photo 7 (PUHZ-RP60/71VHA2(1))

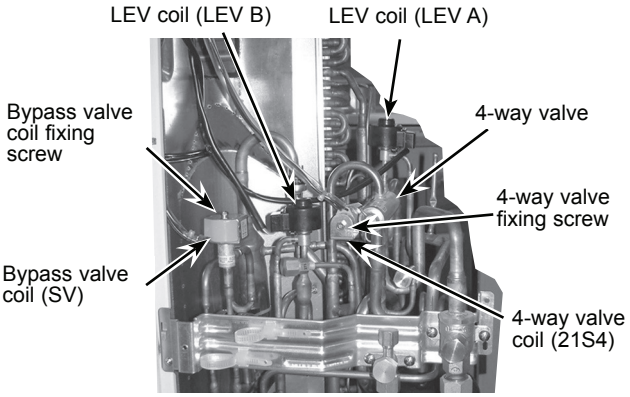


Photo 8 (PUHZ-RP60/71VHA2(1))

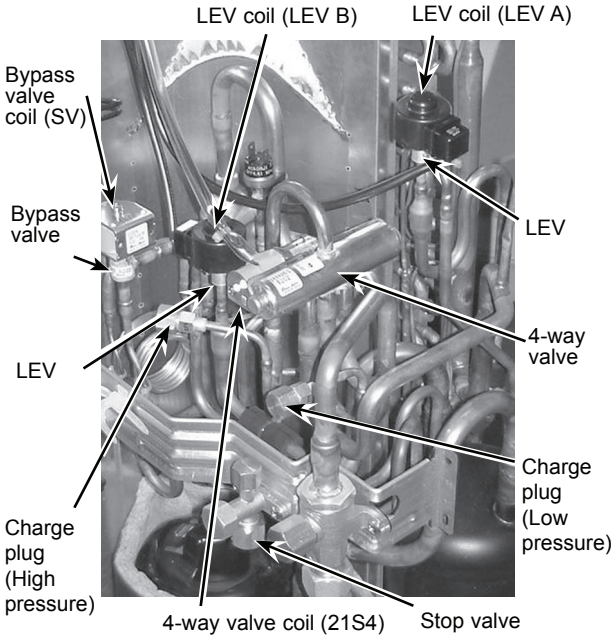
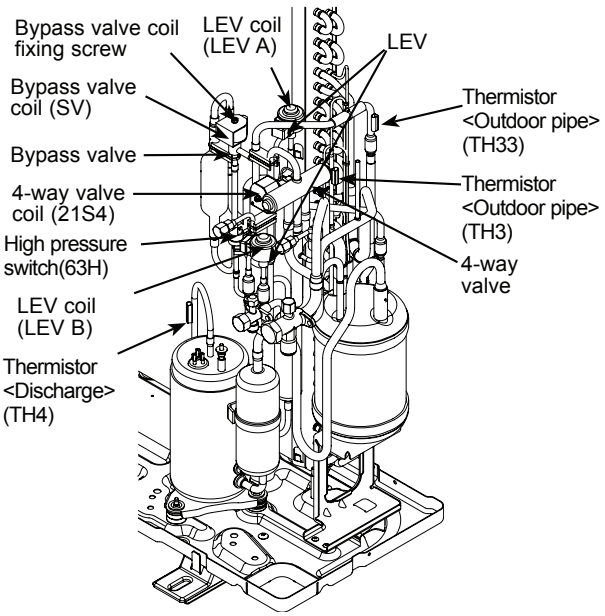
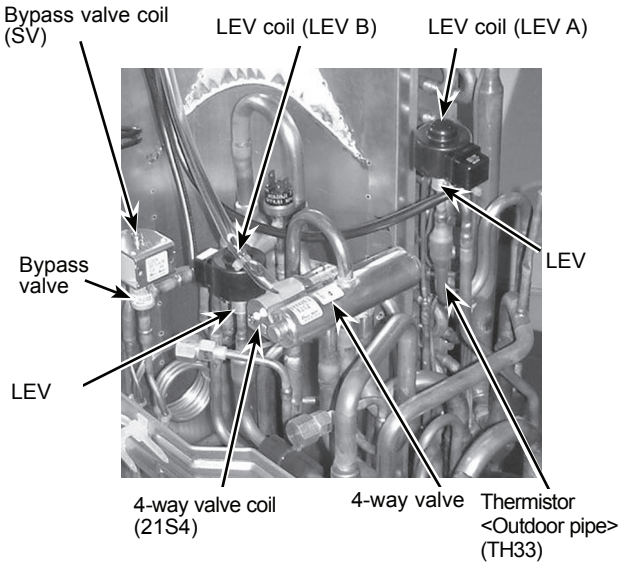
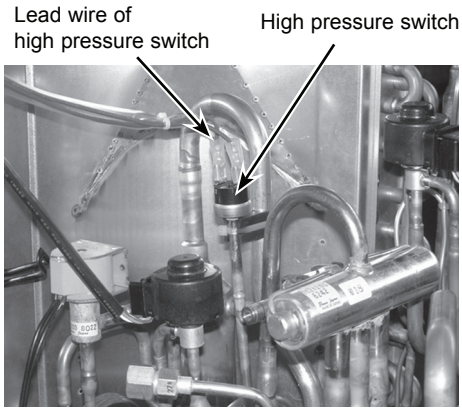
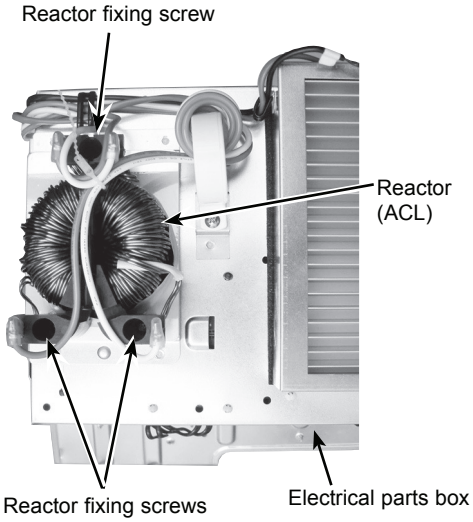
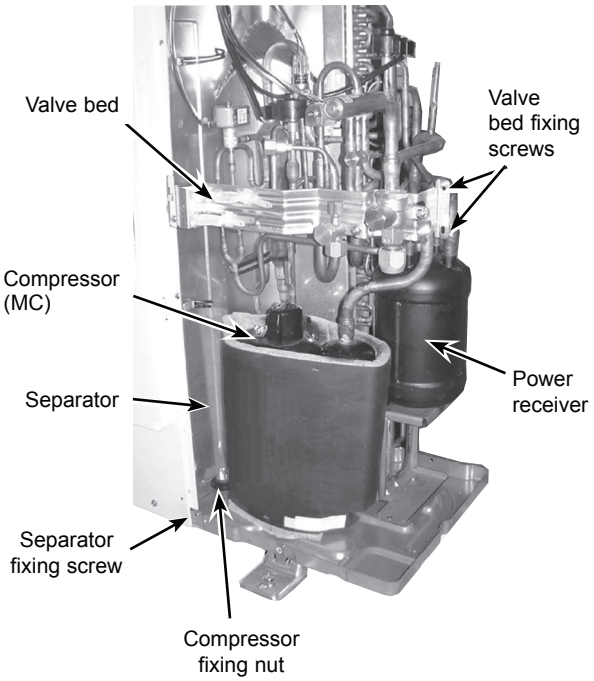
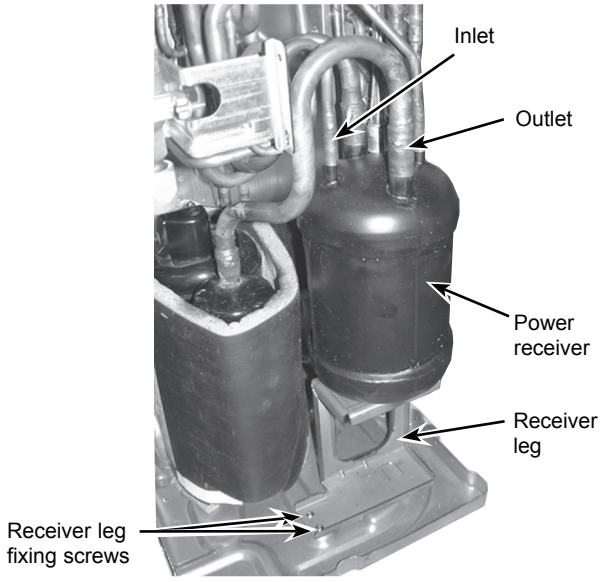


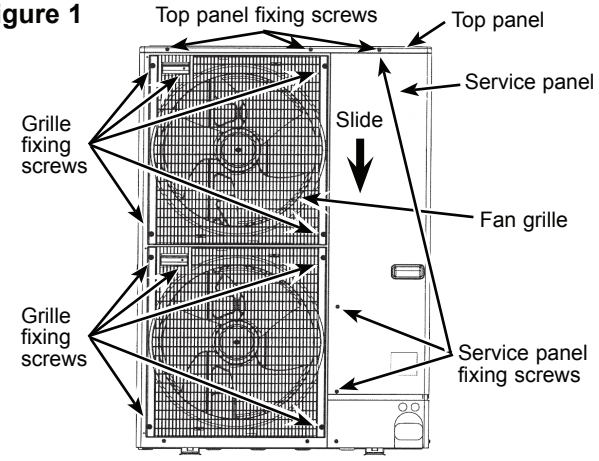
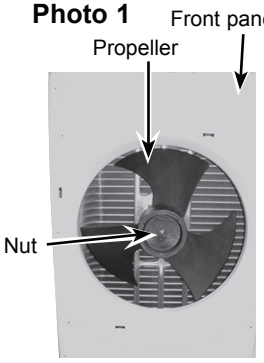
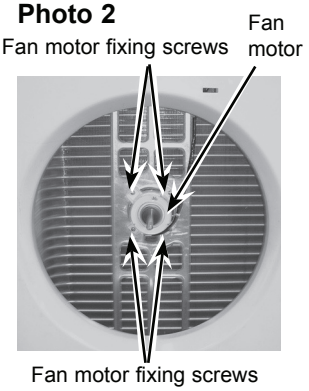
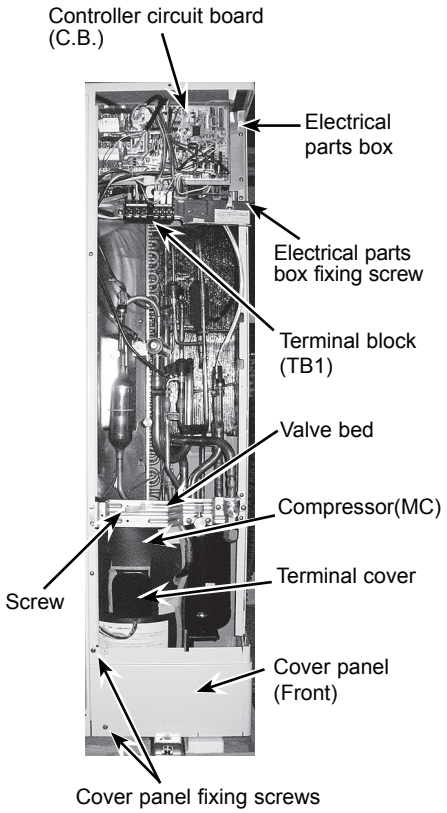
Figure 2 (PUHZ-RP60/71VHA3(#1))

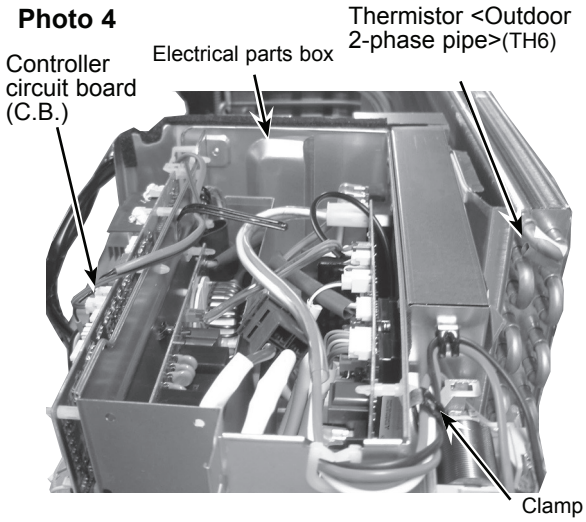
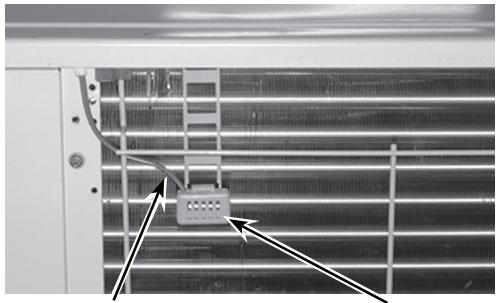
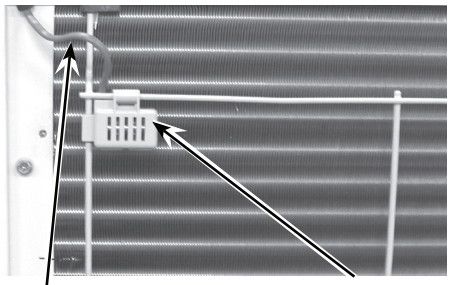
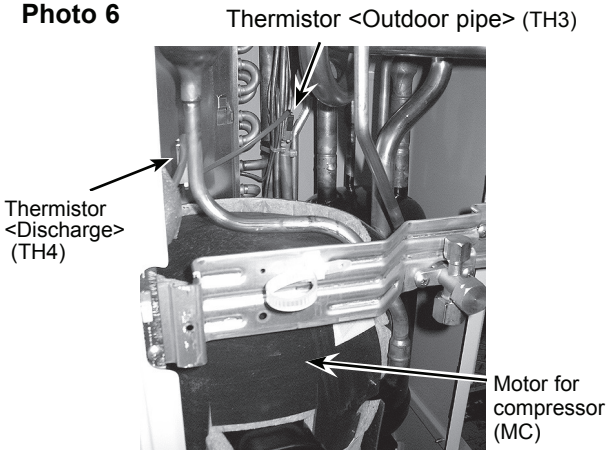


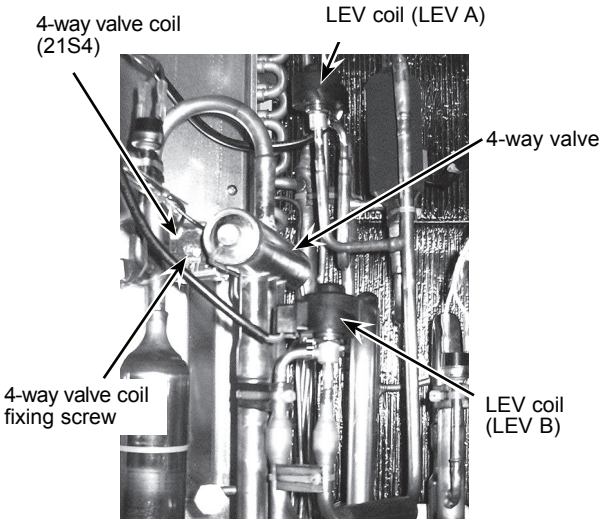
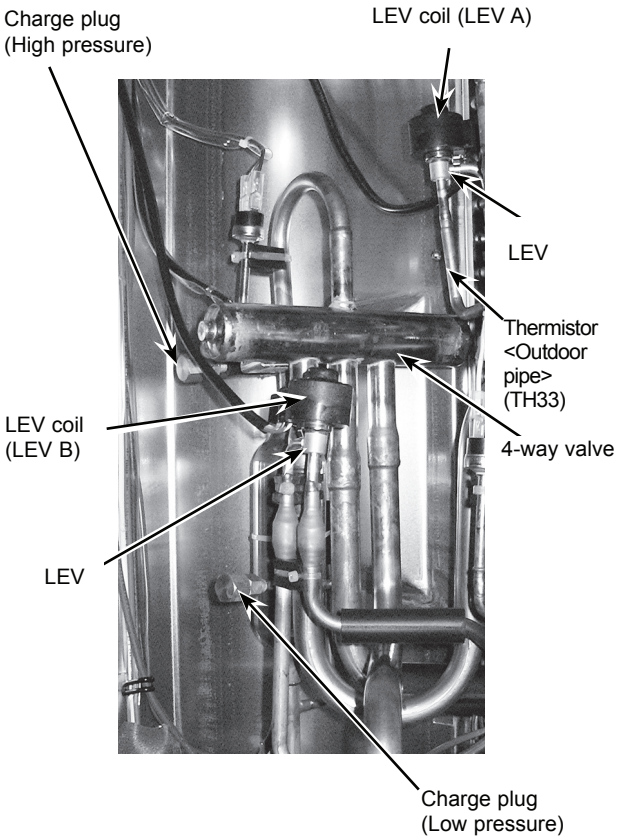
OPERATING PROCEDURE	PHOTOS
10. Removing the bypass valve (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove the electrical parts box. (See Photo 3) (4) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit and remove the right side panel. (5) Remove the bypass valve solenoid coil. (See Photo 7). (6) Recover refrigerant. (7) Remove the welded part of bypass valve. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the right side panel.**	**Photo 9 (PUHZ-RP60/71VHA2(1))** 
11. Removing the high pressure switch (63H) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove the electrical parts box. (See Photo 3) (4) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit and remove the right side panel. (5) Pull out the lead wire of high pressure switch. (6) Recover refrigerant. (7) Remove the welded part of high pressure switch. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the right side panel.** **Note 3: When installing the high pressure switch, cover it with a wet cloth to prevent it from heating (100°C or more), then braze the pipes so that the inside of pipes are not oxidized.**	**Photo 10** 
12. Removing the reactor (ACL) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove the electrical parts box. (See Photo 3) (4) Remove 3 reactor fixing screws (4 × 16) and remove the reactor. ※ The reactor is attached to the rear of the electrical parts box.	**Photo 11** 

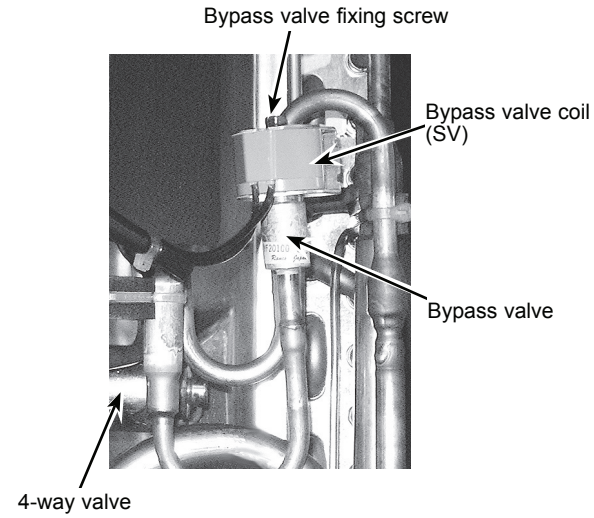
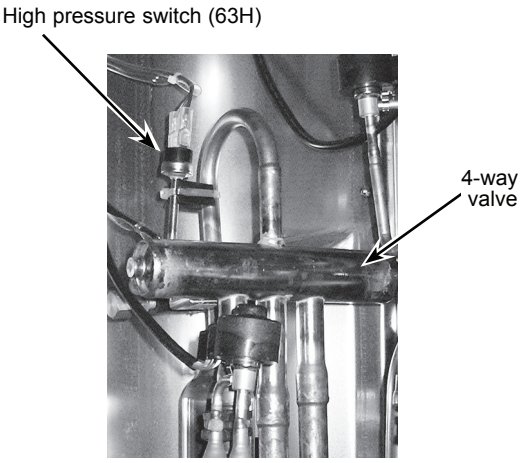
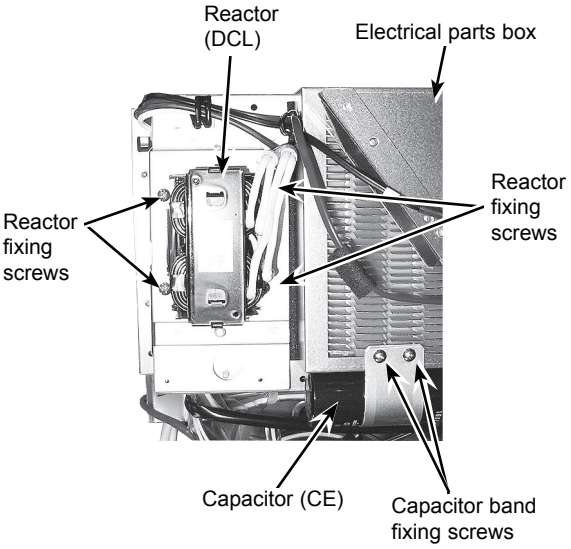
OPERATING PROCEDURE	PHOTOS
13. Removing the compressor (MC) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 2 front cover panel fixing screws (5 × 10) and remove the front cover panel. (See Photo 3) (4) Remove 2 back cover panel fixing screws (5 × 10) and remove the back cover panel. (5) Remove the electrical parts box. (See Photo 3) (6) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16) and then remove the valve bed. (7) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit then remove the right side panel. (8) Remove 3 separator fixing screws (4 × 10) and remove the separator. (9) Recover refrigerant. (10) Remove the 3 points of the compressor fixing nut using a spanner or a adjustable wrench. (11) Remove the welded pipe of compressor inlet and outlet then remove the compressor. **Note: Recover refrigerant without spreading it in the air.**	**Photo 12** 
14. Removing the power receiver (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 2 front cover panel fixing screws (5 × 10) and remove the front cover panel. (See Photo 3.) (4) Remove 2 back cover panel fixing screws (5 × 10) and remove the back cover panel. (5) Remove the electrical parts box. (See Photo 3) (6) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16) then remove the valve bed. (7) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit then remove the right side panel. (8) Recover refrigerant. (9) Remove 4 welded pipes of power receiver inlet and outlet. (10) Remove 2 receiver leg fixing screws (4 × 10). **Note: Recover refrigerant without spreading it in the air.**	**Photo 13** 

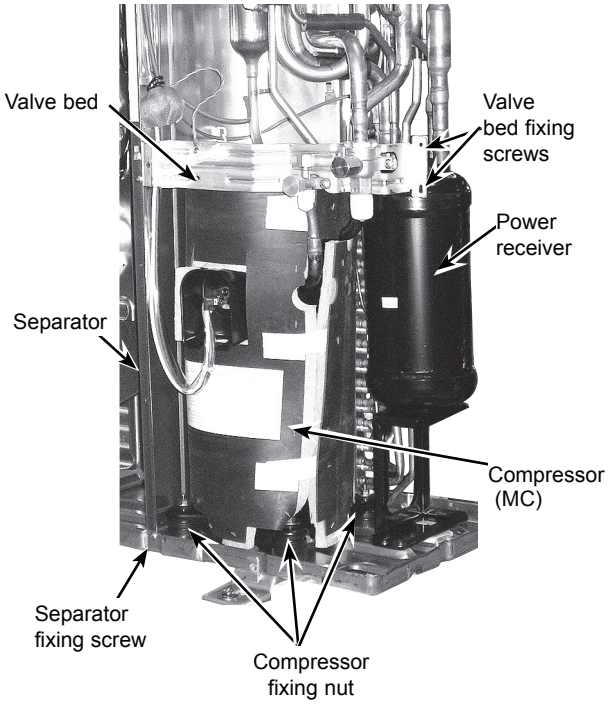
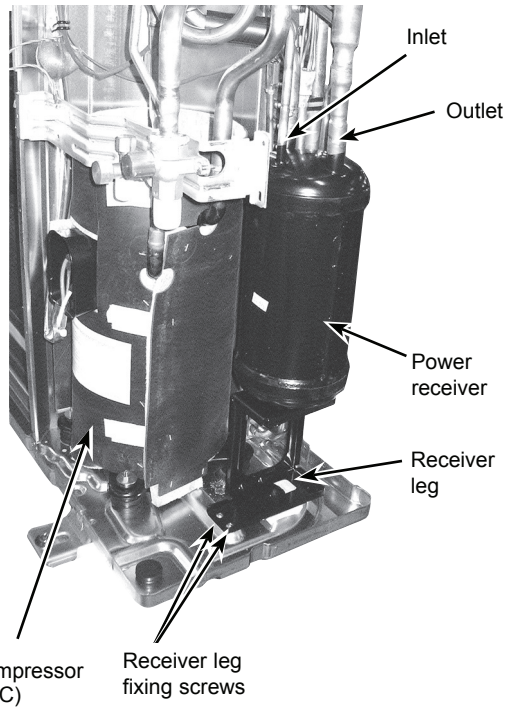
PUHZ-RP100, 125, 140VHA2(1) **PUHZ-RP125, 140VHA2#2**
PUHZ-RP100VHA3 **PUHZ-RP100VHA3#1**

OPERATING PROCEDURE	PHOTOS & ILLUSTRATION
1. Removing the service panel and top panel (1) Remove 3 service panel fixing screws (5 × 10) and slide the hook on the right downward to remove the service panel. (2) Remove screws (3 for front, 3 for rear/5 × 10) of the top panel and remove it.	**Figure 1** 
2. Removing the fan motor (MF1, MF2) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 5 fan grille fixing screws (5 × 10) to detach the fan grille. (See Figure 1) (4) Remove a nut (for right handed screw of M6) to detach the propeller. (See Photo 1.) (5) Disconnect the connectors, CNF1, CNF2 on controller circuit board in electrical parts box. (6) Remove 4 fan motor fixing screws (5 × 25) to detach the fan motor. (See Photo 2)	**Photo 1**  **Photo 2** 
3. Removing the electrical parts box (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Disconnect the indoor/outdoor connecting wire from terminal block. (4) Remove all the following connectors from controller circuit board; fan motor, LEV, thermistor <Outdoor pipe>, thermistor <Discharge>, thermistor <Outdoor 2-phase pipe>, thermistor <Outdoor>, high pressure switch, low pressure switch, 4-way valve coil and bypass valve coil. Then remove a screw (4 × 8) from the valve bad to remove the lead wire. Pull out the disconnected wire from the electrical parts box. <Diagram symbol in the connector housing> • Fan motor (CNF1, CNF2) • LEV (LEV-A and LEV-B) • Thermistor <Outdoor pipe> (TH3) (TH33) • Thermistor <Discharge> (TH4) • Thermistor <Outdoor 2-phase pipe, Outdoor> (TH6/7) • High pressure switch (63H) • 4-way valve coil (21S4) • Bypass valve coil (SV2) • Thermistor <Shell> (TH32) only for RP100VHA3#1, RP125/140VHA2#2 (5) Remove the terminal cover and disconnect the compressor lead wire. (6) Remove an electrical parts box fixing screw (4 × 10) and detach the electrical parts box by pulling it upward. The electrical parts box is fixed with 2 hooks on the left and 1 hook on the right.	**Photo 3** 

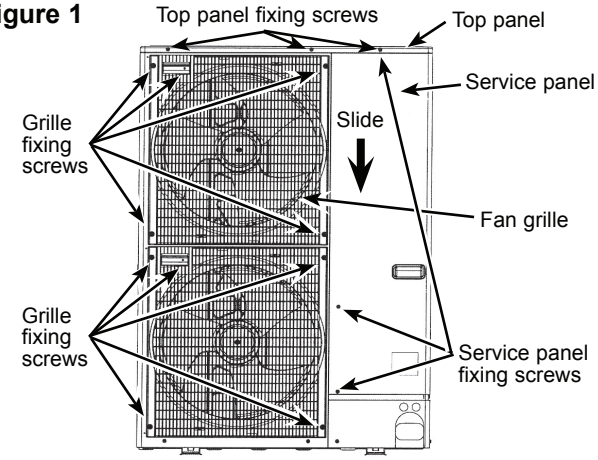
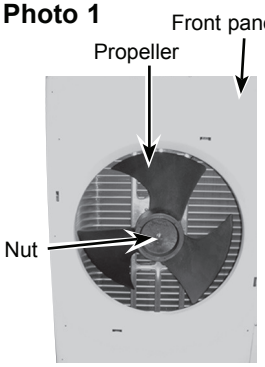
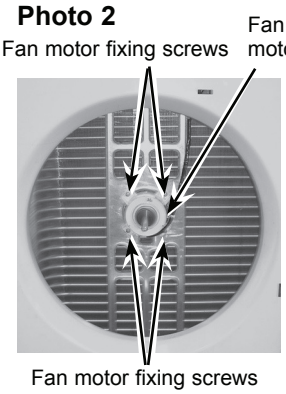
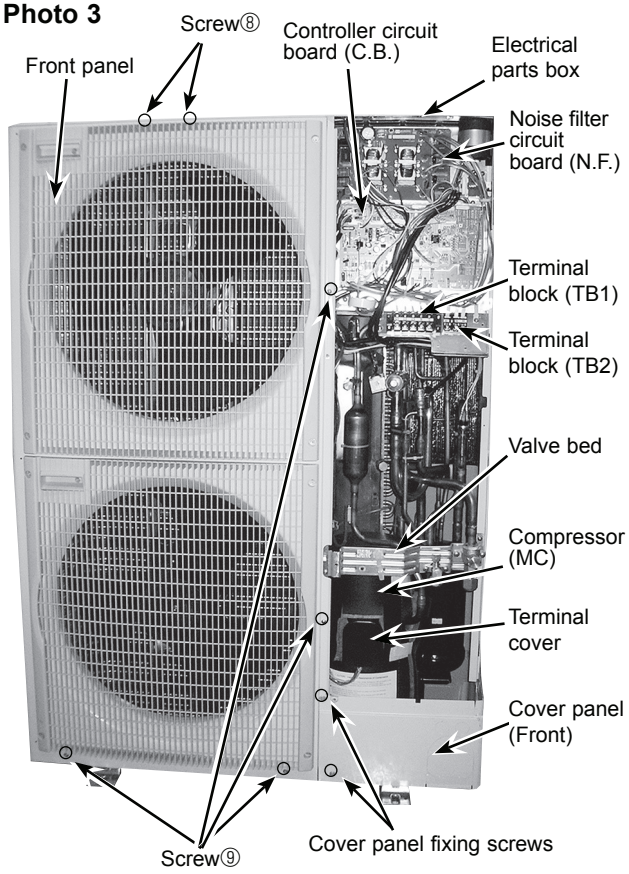
OPERATING PROCEDURE	PHOTOS
4. Removing the thermistor <Outdoor 2-phase pipe> (TH6) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Disconnect the connectors, TH7/6 (red), on the controller circuit board in the electrical parts box. (4) Loosen the clamp for the lead wire in the rear of the electrical parts box. (5) Pull out the thermistor <Outdoor 2-phase pipe> (TH6) from the sensor holder. **Note: In case of replacing thermistor <Outdoor 2-phase pipe> (TH6), replace it together with thermistor <Outdoor> (TH7) since they are combined together. Refer to No.5 below to remove thermistor <Outdoor>.**	**Photo 4** 
5. Removing the thermistor <Outdoor> (TH7) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Disconnect the connector TH7/6(red) on the controller circuit board in the electrical parts box. (4) Loosen the clamp for the lead wire in the rear of the electrical parts box. (See Photo 4) (5) Pull out the thermistor <Outdoor> (TH7) from the sensor holder. **Note: In case of replacing thermistor <Outdoor> (TH7), replace it together with thermistor <Outdoor 2-phase pipe> (TH6), since they are combined together. Refer to No.4 above to remove thermistor <Outdoor 2-phase pipe>.**	**Photo 5** **PUHZ-RP100, 125, 140VHA2**  **PUHZ-RP100, 125, 140VHA2$_1$ / 125, 140VHA2#2 PUHZ-RP100VHA3(#1)** 
6. Removing the thermistor <Outdoor pipe> (TH3) (TH33) and thermistor <Discharge> (TH4), thermistor <Shell> (TH32) (1) Remove the service panel. (See Figure 1) (2) Disconnect the connectors, TH3 (white) and TH4 (white), TH33 (yellow), TH32 (black) on the controller circuit board in the electrical parts box. (3) Loosen the clamp for the lead wire in the rear of the electrical parts box. (See Photo 4) (4) Pull out the thermistor <Outdoor pipe> (TH3), (TH33) and thermistor <Discharge> (TH4) from the sensor holder. [Removing the thermistor<Shell> (TH32)] for RP100VHA3#1, RP125/140YHA2#2 (5) Remove the sound proof cover (upper) for compressor. (6) Pull out the thermistor <Shell> (TH32) from the holder of the compressor shell. (TH33 : See Photo 8)	**Photo 6** 

OPERATING PROCEDURE	PHOTOS
7. Removing the 4-way valve coil (21S4), and LEV coil (LEV(A), LEV(B)) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) **[Removing the 4-way valve coil]** (3) Remove 4-way valve coil fixing screw (M4 × 6). (4) Remove the 4-way valve coil by sliding the coil toward you. (5) Disconnect the connector 21S4 (green) on the controller circuit board in the electrical parts box. **[Removing the LEV coil]** (3) Remove the LEV coil by sliding the coil upward. (4) Disconnect the connectors, LEV A (white) and LEV B (red), on the controller circuit board in the electrical parts box.	**Photo 7** 
8. Removing the 4-way valve (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16) then remove the valve bed. (4) Remove 4 right side panel fixing screws (5 × 10) in the rear of the unit then remove the right side panel. (5) Remove the 4-way valve coil. (See Photo 7) (6) Recover refrigerant. (7) Remove the welded part of 4-way valve. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the right side panel.** **Note 3: When installing the 4-way valve, cover it with a wet cloth to prevent it from heating (120°C or more), then braze the pipes so that the inside of pipes are not oxidized.**	**Photo 8** 
9. Removing LEV (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16) then remove the valve bed. (4) Remove 4 right side panel fixing screws (5 × 10) in the rear of the unit then remove the right side panel. (5) Remove the LEV. (See Photo 7) (6) Recover refrigerant. (7) Remove the welded part of LEV. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the right side panel.** **Note 3: When installing the LEV, cover it with a wet cloth to prevent it from heating (120°C or more), then braze the pipes so that the inside of pipes are not oxidized.**	

OPERATING PROCEDURE	PHOTOS
10. Removing the bypass valve coil (SV) and bypass valve (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit and remove the right side panel. (4) Remove the bypass valve coil fixing screw (M4 × 6). (5) Remove the bypass valve coil by sliding the coil upward. (6) Disconnect the connector SV2 (blue) on the controller circuit board in the electrical parts box. (7) Recover refrigerant. (8) Remove the welded part of bypass valve. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the right side panel.**	**Photo 9** 
11. Removing the high pressure switch (63H) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit and remove the right side panel. (4) Pull out the lead wire of high pressure switch. (5) Recover refrigerant. (6) Remove the welded part of high pressure switch. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the right side panel.** **Note 3: When installing the high pressure switch, cover it with a wet cloth to prevent it from heating (100°C or more), then braze the pipes so that the inside of pipes are not oxidized.**	**Photo 10** 
12. Removing the reactor (DCL) and capacitor (CE) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove the electrical parts box. (See Photo 3) <Removing the reactor> (4) Remove 4 reactor fixing screws (4 × 10) and remove the reactor. <Removing the capacitor> (4) Remove 2 capacitor band fixing screws (4 × 10) and remove the capacitor. ※ The reactor and capacitor is attached to the rear of the electrical parts box.	**Photo 11** 

OPERATING PROCEDURE	PHOTOS
13. Removing the compressor (MC) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 2 front cover panel fixing screws (5 × 10) and remove the front cover panel. (See Photo 3.) (4) Remove 2 back cover panel fixing screws (5 × 10) and remove the back cover panel. (5) Remove the electrical parts box. (See Photo 3) (6) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16) then remove the valve bed. (7) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit then remove the right side panel. (8) Remove 3 separator fixing screws (4 × 10) and remove the separator. (9) Recover refrigerant. (10) Remove the 3 points of the motor for compressor fixing nut using a spanner or a adjustable wrench. (11) Remove the welded pipe of motor for compressor inlet and outlet then remove the compressor. **Note: Recover refrigerant without spreading it in the air.**	**Photo 12** 
14. Removing the power receiver (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 2 front cover panel fixing screws (5 × 10) and remove the front cover panel. (See Photo 3) (4) Remove 2 back cover panel fixing screws (5 × 10) and remove the back cover panel. (5) Remove the electrical parts box. (See Photo 3) (6) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16) then remove the valve bed. (7) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit then remove the right side panel. (8) Recover refrigerant. (9) Remove 4 welded pipes of power receiver inlet and outlet. (10) Remove 2 receiver leg fixing screws (4 × 10). **Note: Recover refrigerant without spreading it in the air.**	**Photo 13** 

PUHZ-RP100/125/140YHA2(1) **PUHZ-RP125/140YHA2#2**
PUHZ-RP100YHA3 **PUHZ-RP100YHA3#1**

OPERATING PROCEDURE	PHOTOS & ILLUSTRATION
1. Removing the service panel and top panel (1) Remove 3 service panel fixing screws (5 × 10) and slide the hook on the right downward to remove the service panel. (2) Remove screws (3 for front, 3 for rear/5 × 10) of the top panel and remove it.	**Figure 1** 
2. Removing the fan motor (MF1, MF2) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 5 fan grille fixing screws (5 × 10) to detach the fan grille. (See Figure 1) (4) Remove a nut (for right handed screw of M6) to detach the propeller. (See Photo 1) (5) Disconnect the connectors, CNF1 and CNF2 on controller circuit board in electrical parts box. (6) Remove 4 fan motor fixing screws (5 × 25) to detach the fan motor. (See Photo 2)	**Photo 1**  **Photo 2** 
3. Removing the electrical parts box (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Disconnect the indoor/outdoor connecting wire from terminal block. (4) Disconnect the connector CNF1, CNF2, LEV-A and LEV-B on the controller circuit board. <Symbols on the board> • CNF1, CNF2 : Fan motor • LEV-A, LEV-B : LEV (5) Disconnect the pipe-side connections of the following parts. • Thermistor <Outdoor pipe>(TH3) (TH33) • Thermistor <Discharge>(TH4) • Thermistor <Outdoor 2-phase pipe>(TH6) • Thermistor <Outdoor>(TH7) • High pressure switch (63H) • 4-way valve coil (21S4) • Bypass valve coil (SV) • Thermistor for <Shell> (TH32) only for RP100YHA3#1, RP125/140YHA2#2	**Photo 3** 

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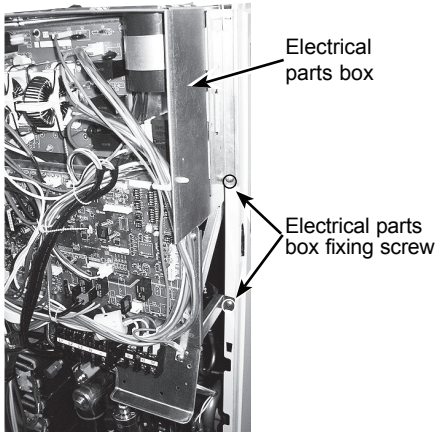
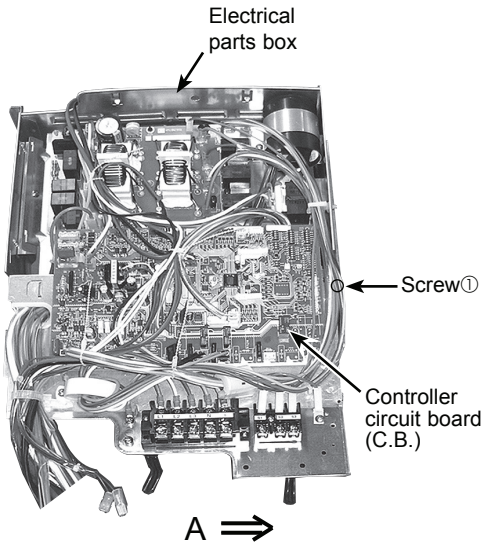
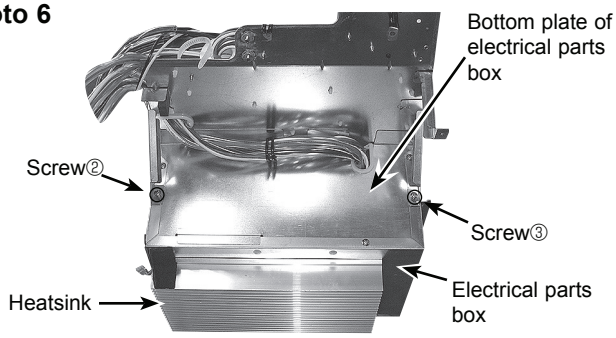
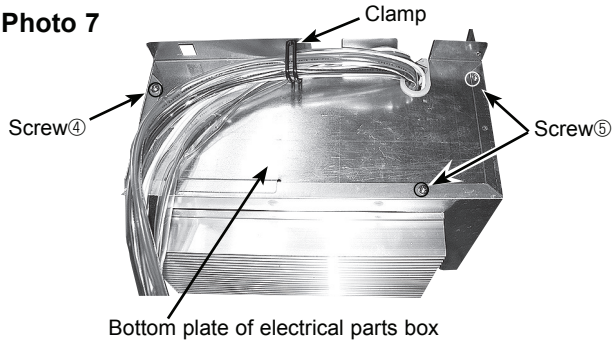
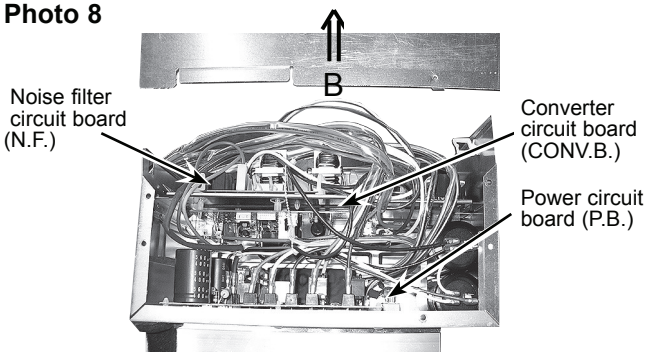
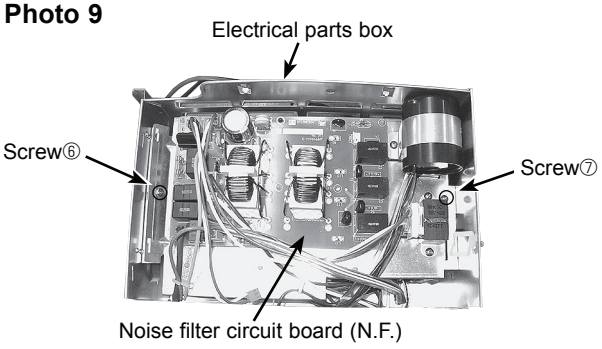
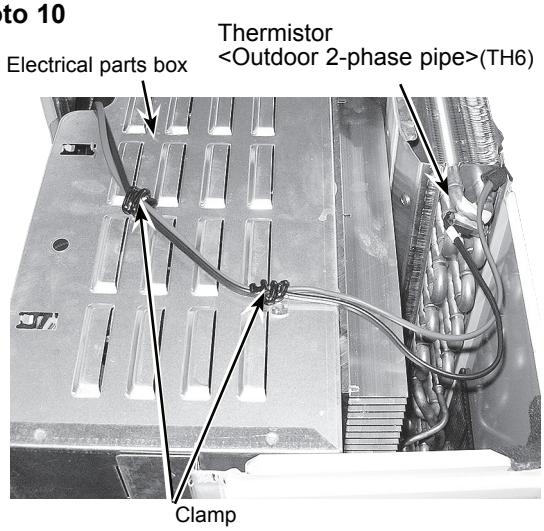
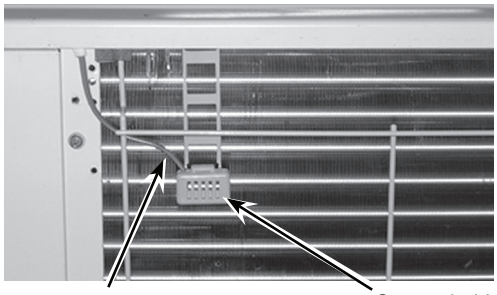
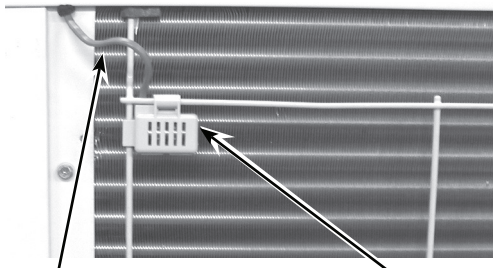
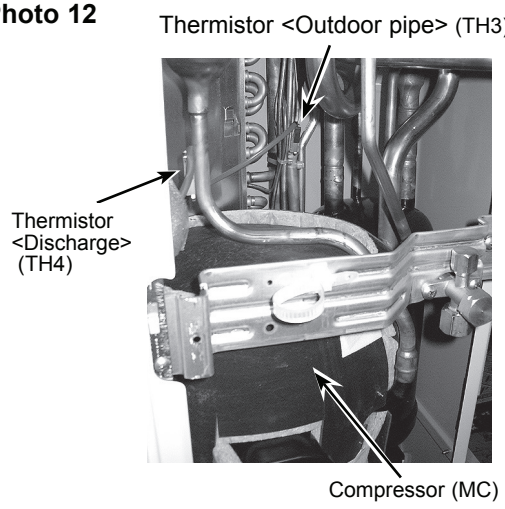
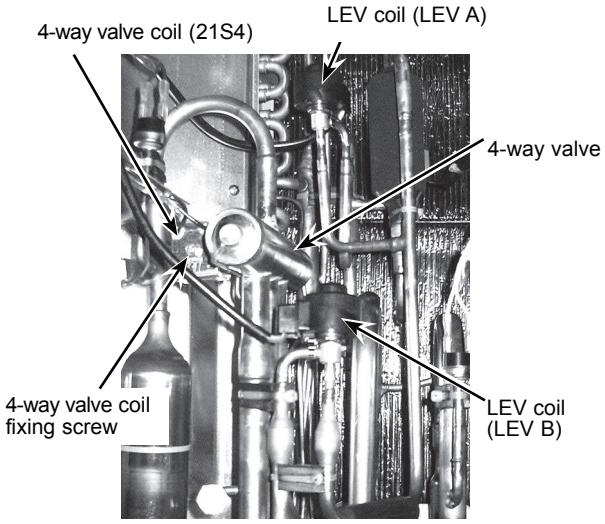
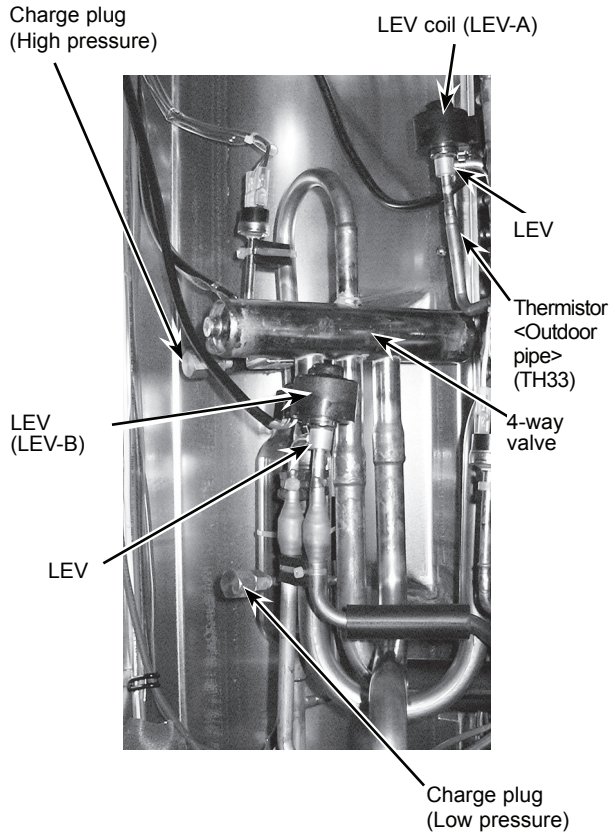
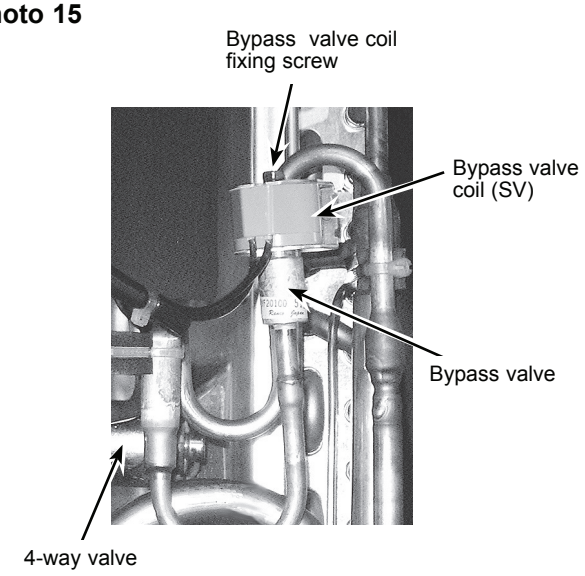
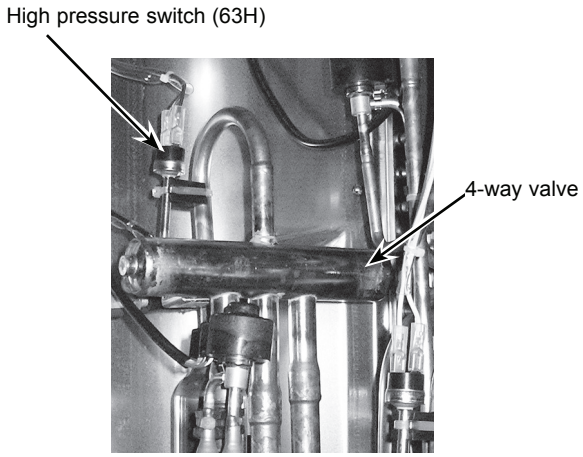
From the previous page.

OPERATING PROCEDURE	PHOTOS & ILLUSTRATION
(6) Remove the terminal cover and disconnect the compressor lead wire. (7) Remove 2 electrical parts box fixing screws (4 × 10) and detach the electrical parts box by pulling it upward. The electrical parts box is fixed with 2 hooks on the left and 1 hook on the right.	**Photo 4** 
4. Disassembling the electrical parts box (1) Disconnect all the connectors on the controller circuit board. (2) Remove the 3 screws, screw ①, ② and ③, that fix the plate equipped with the outdoor controller circuit board, and the electrical parts box, screw ① from the front and the screw ② and ③ from the bottom of the electrical parts box. (See Photo 5 and 6) (3) Slide the plate in the direction of the arrow A and remove it. (See Photo 5) (4) Remove the lead wires from the clamp on the bottom of the electrical parts box. (See Photo 7) (5) Remove the 3 screws, screw ④ and ⑤, that fix the bottom side of the electrical parts box and remove the bottom side plate by sliding in the direction of the arrow B. (See Photo 7 and 8) (6) Remove the 2 screws, screw ⑥ and ⑦, that fix the plate equipped with the noise filter circuit board and converter circuit board. (See Photo 9) **Note: When reassembling the electrical parts box, make sure the wirings are correct.**	**Photo 5** 
Photo 6  	**Photo 7** 
Photo 8  	**Photo 9** 

OPERATING PROCEDURE	PHOTOS
5. Removing the thermistor <Outdoor 2-phase pipe> (TH6) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Disconnect the connector TH7/6 (red), on the controller circuit board in the electrical parts box. (4) Loosen the 2 wire clamps on top of the electrical parts box. (5) Pull out the thermistor <Outdoor 2-phase pipe> (TH6) from the sensor holder. **Note: In case of replacing thermistor <Outdoor 2-phase pipe> (TH6), replace it together with thermistor <Outdoor> (TH7) since they are combined together. Refer to No.6 below to remove thermistor <Outdoor>.**	**Photo 10** 
6. Removing the thermistor <Outdoor> (TH7) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Disconnect the connector TH7/6(red) on the controller circuit board in the electrical parts box. (4) Loosen the 2 wire clamps on top of the electrical parts box. (See Photo 10) (5) Pull out the thermistor <Outdoor> (TH7) from the sensor holder. **Note: In case of replacing thermistor <Outdoor> (TH7), replace it together with thermistor <Outdoor 2-phase pipe> (TH6), since they are combined together. Refer to No.5 above to remove thermistor <Outdoor 2-phase pipe>.**	**Photo 11** **PUHZ-RP100, 125, 140YHA2**  **PUHZ-RP100, 125, 140YHA2$_1$ / 125, 140YHA2#2** **PUHZ-RP100YHA3(#1)** 
7. Removing the thermistor <Outdoor pipe> (TH3) (TH33) and thermistor <Discharge> (TH4), thermistor <Shell> (TH32) (1) Remove the service panel. (See Figure 1) (2) Disconnect the connectors, TH3 (white) and TH4 (white), TH33 (yellow), TH32(black) on the controller circuit board in the electrical parts box. (3) Loosen the clamp for the lead wire in the rear of the electrical parts box. (See Photo 4) (4) Pull out the thermistor <Outdoor pipe> (TH3), (TH33) and thermistor <Discharge> (TH4) from the sensor holder. (TH33 : See Photo 14) [Removing the thermistor<Shell> (TH32)] for RP100YHA3#1, RP125/140YHA2#2 (5) Remove the sound proof cover (upper) for compressor. (6) Pull out the thermistor <Shell> (TH32) from the holder of the compressor shell.	**Photo 12** 

OPERATING PROCEDURE	PHOTOS
8. Removing the 4-way valve coil (21S4), and LEV coil (LEV(A), LEV(B)) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) **[Removing the 4-way valve coil]** (3) Remove 4-way valve coil fixing screw (M4 × 6). (4) Remove the 4-way valve coil by sliding the coil toward you. (5) Disconnect the connector 21S4 (green) on the controller circuit board in the electrical parts box. **[Removing the LEV coil]** (3) Remove the LEV coil by sliding the coil upward. (4) Disconnect the connectors, LEV A (white) and LEV B (red), on the controller circuit board in the electrical parts box.	**Photo 13** 
9. Removing the 4-way valve (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16) then remove the valve bed. (4) Remove 4 right side panel fixing screws (5 × 10) in the rear of the unit then remove the right side panel. (5) Remove the 4-way valve coil. (See Photo 13) (6) Recover refrigerant. (7) Remove the welded part of 4-way valve. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the right side panel.** **Note 3: When installing the 4-way valve, cover it with a wet cloth to prevent it from heating (120°C or more), then braze the pipes so that the inside of pipes are not oxidized.**	**Photo 14** 
10. Removing LEV (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16) then remove the valve bed. (4) Remove 4 right side panel fixing screws (5 × 10) in the rear of the unit then remove the right side panel. (5) Remove the LEV. (See Photo 13) (6) Recover refrigerant. (7) Remove the welded part of LEV. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the right side panel.** **Note 3: When installing the LEV, cover it with a wet cloth to prevent it from heating (120°C or more), then braze the pipes so that the inside of pip-es are not oxidized.**	

OPERATING PROCEDURE	PHOTOS
11. Removing bypass valve coil (SV) and bypass valve (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit and remove the right side panel. (4) Remove the bypass valve coil fixing screw (M4 × 6). (5) Remove the bypass valve coil by sliding the coil upward. (6) Disconnect the connector SV2 (blue) on the controller circuit board in the electrical parts box. (7) Recover refrigerant. (8) Remove the welded part of bypass valve. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the right side panel.**	**Photo 15** 
12. Removing the high pressure switch (63H) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit and remove the right side panel. (4) Pull out the lead wire of high pressure switch. (5) Recover refrigerant. (6) Remove the welded part of high pressure switch. **Note 1: Recover refrigerant without spreading it in the air.** **Note 2: The welded part can be removed easily by removing the right side panel.** **Note 3: When installing the high pressure switch, cover it with a wet cloth to prevent it from heating (100°C or more), then braze the pipes so that the inside of pipes are not oxidized.**	**Photo 16** 

OPERATING PROCEDURE

13. Removing the reactors (ACL1, ACL2, ACL3)

(1) Remove the service panel. (See Figure 1)
(2) Remove the top panel. (See Figure 1)
(3) Remove the 6 screws, screw ⑧ and ⑨ (5 × 10), that fix the front panel and remove the front panel. (See Photo 3)
(4) Remove the 2 screws, screw ⑩ and ⑪ (both 4 × 10), that fix the separator, screw ⑩ from the valve bed and screw ⑪ from the bottom of the separator, and tilt the separator to the side of the fan motor slightly. (See Photo 17)
(5) Disconnect the lead wires from the reactor and remove the 4 screws, screw ⑫, that fix the reactor to remove the reactor. (See Photo 18 and 19)

Note 1: The reactor is very heavy (4kg)!
Be careful when handling it.
Note 2: The reactor box is also removable.

PHOTOS

Photo 17

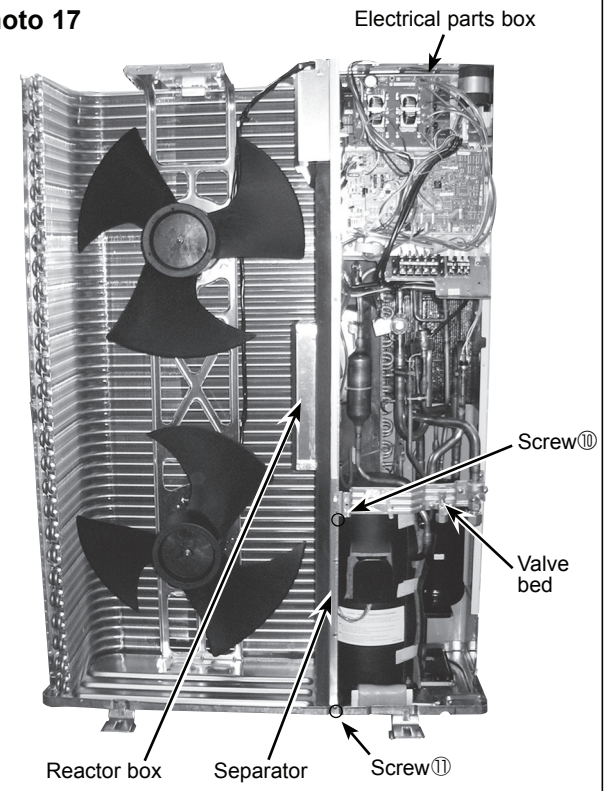


Photo 18

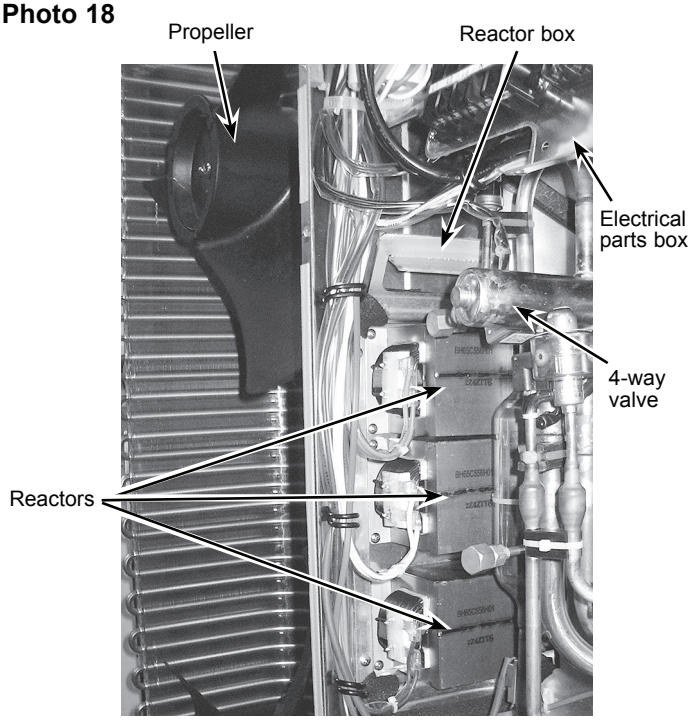
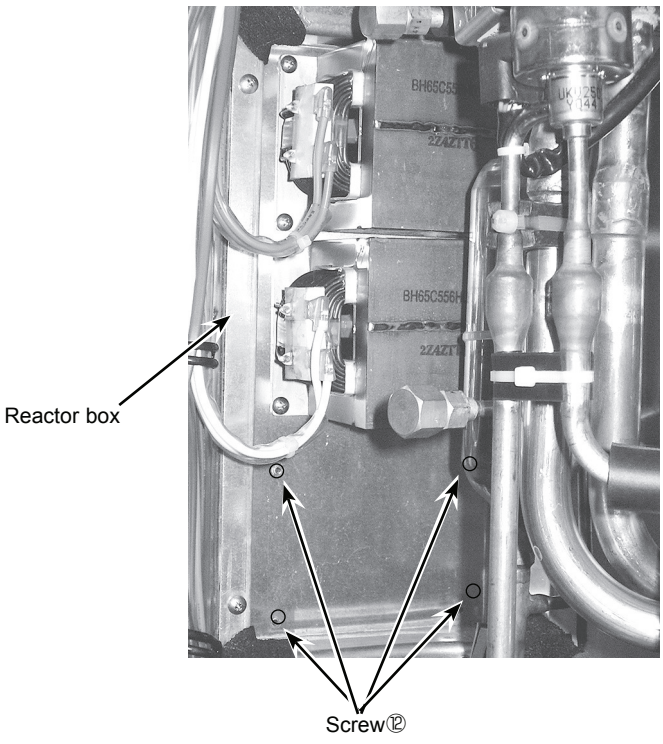
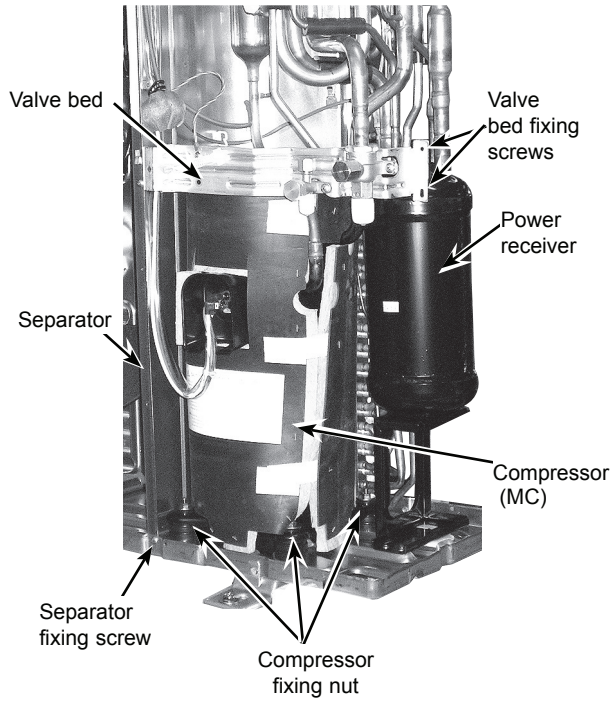
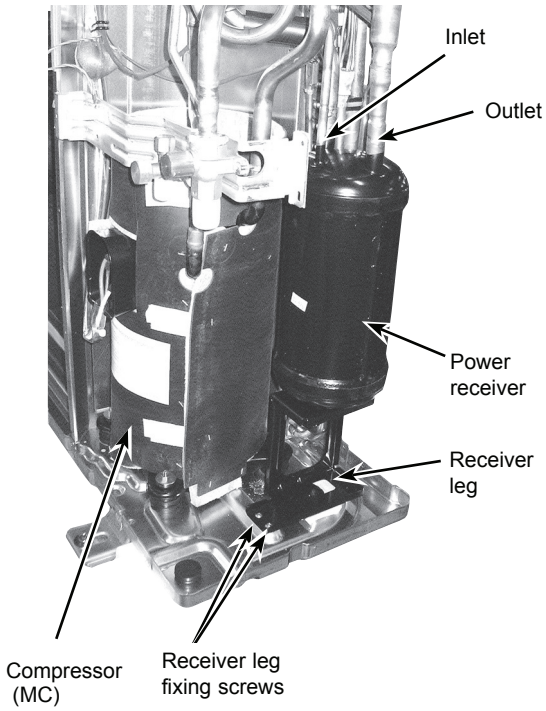


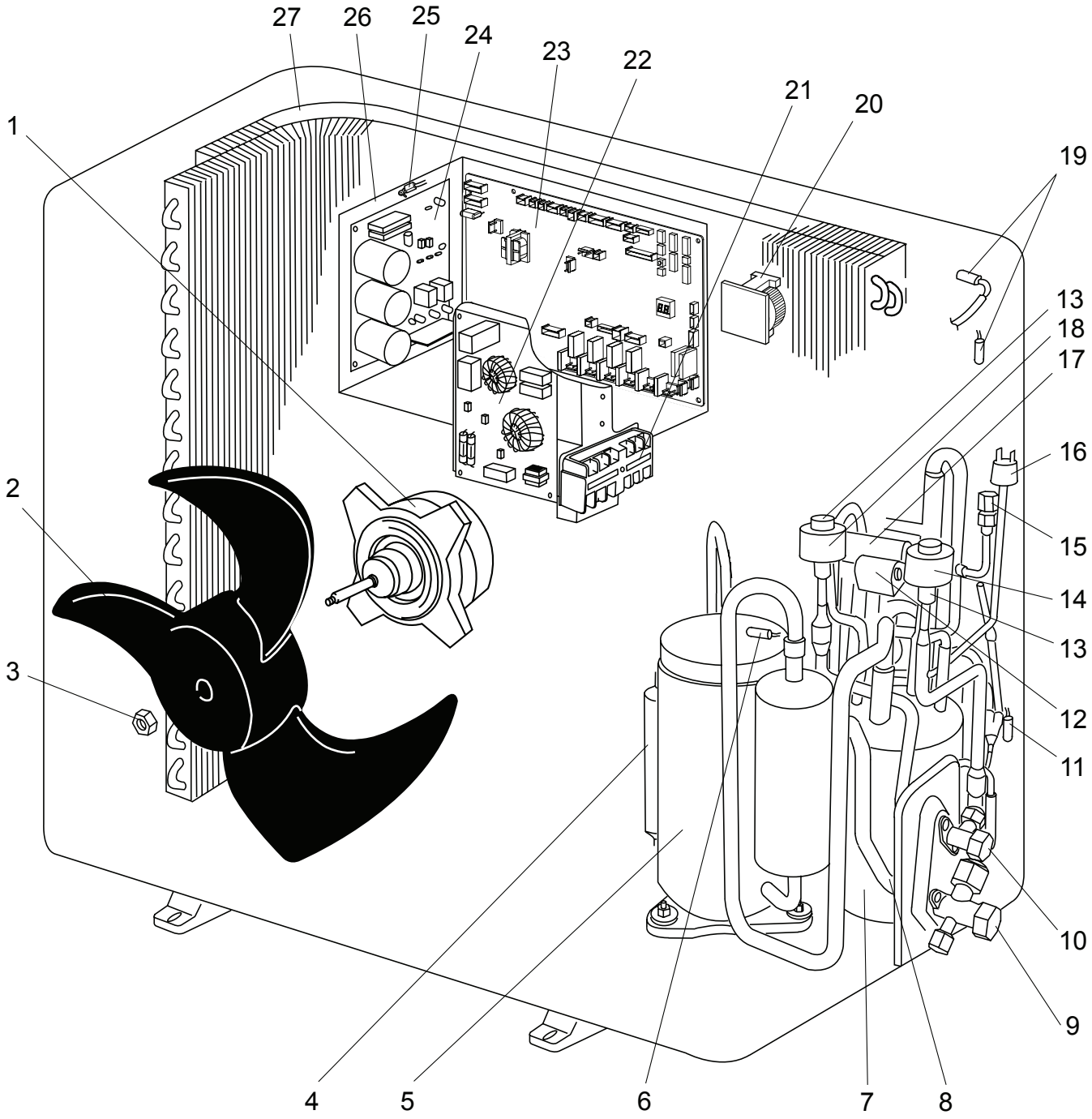
Photo 19



OPERATING PROCEDURE	PHOTOS
14. Removing the compressor (MC) (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 2 front cover panel fixing screws (5 × 10) and remove the front cover panel. (See Photo 3) (4) Remove 2 back cover panel fixing screws (5 × 10) and remove the back cover panel. (5) Remove the electrical parts box. (See Photo 3) (6) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16) and then remove the valve bed. (7) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit and then remove the right side panel. (8) Remove 3 separator fixing screws (4 × 10) and remove the separator. (9) Recover refrigerant. (10) Remove the 3 points of the compressor fixing nut using a spanner or a adjustable wrench. (11) Remove the welded pipe of compressor inlet and outlet and then remove the compressor. **Note: Recover refrigerant without spreading it in the air.**	**Photo 20** 
15. Removing the power receiver (1) Remove the service panel. (See Figure 1) (2) Remove the top panel. (See Figure 1) (3) Remove 2 front cover panel fixing screws (5 × 10) and remove the front cover panel. (See Photo 3) (4) Remove 2 back cover panel fixing screws (5 × 10) and remove the back cover panel. (5) Remove the electrical parts box. (See Photo 3) (6) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16) and then remove the valve bed. (7) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit and then remove the right side panel. (8) Recover refrigerant. (9) Remove 4 welded pipes of power receiver inlet and outlet. (10) Remove 2 receiver leg fixing screws (4 × 10). **Note: Recover refrigerant without spreading it in the air.**	**Photo 21** 

16 PARTS LIST (non-RoHS compliant)

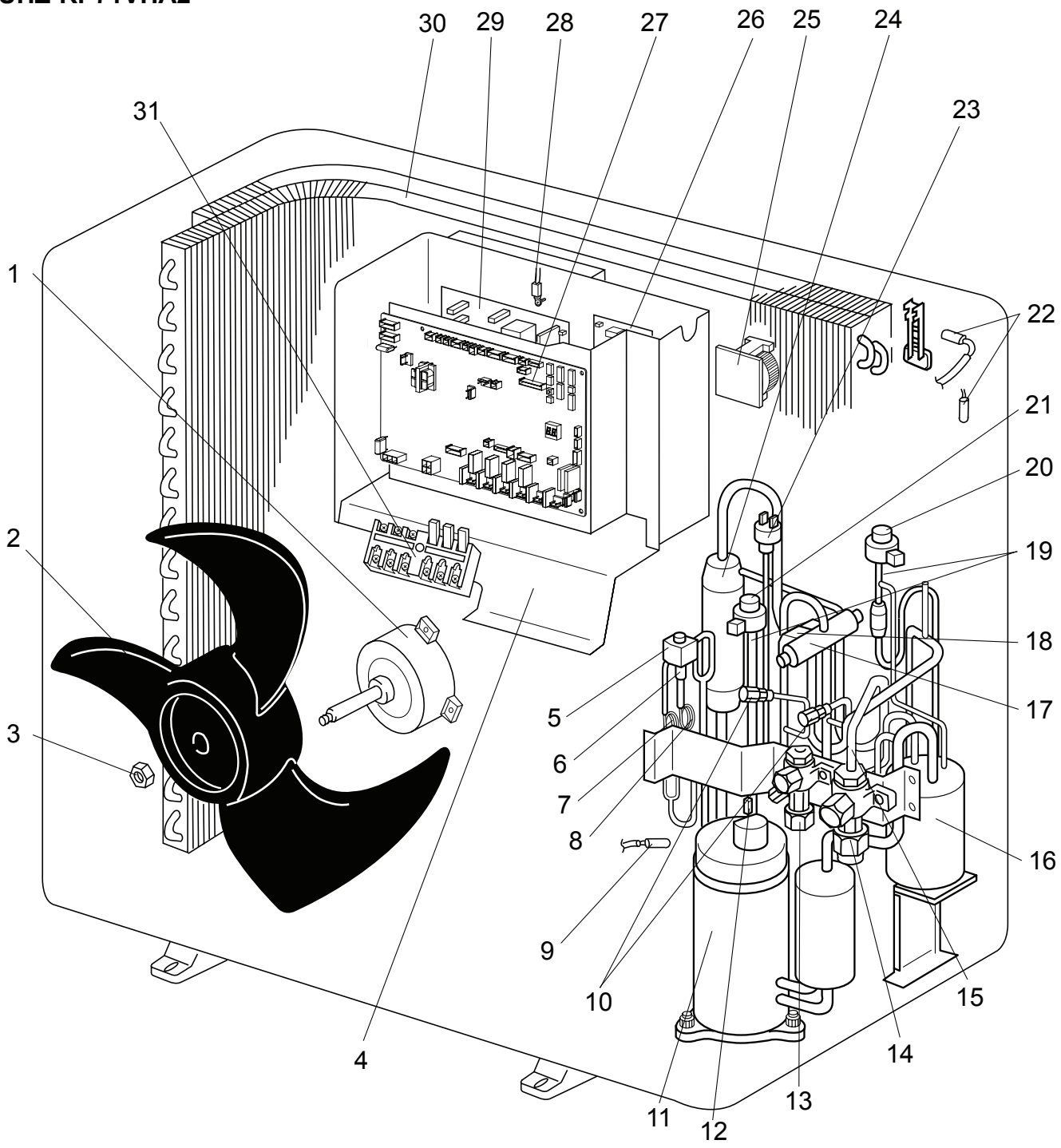
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-RP35VHA2
PUHZ-RP50VHA2



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

No.	Part No.	Part Name	Specification	Q'ty/set	Remarks (Drawing No.)	Wiring Diagram Symbol	Recom-mended Q'ty
				PUHZ-RP35VHA2 PUHZ-RP50VHA2			
1	R01 E40 221	FAN MOTOR		1		MF1	
2	R01 E02 115	PROPELLER		1			
3	R01 E04 097	NUT		1			
4	R01 E09 467	MUFFLER		1			
5	T97 420 210	COMPRESSOR	SNB130FLBH Including RUBBER MOUNT	1		MC	
6	R01 E03 201	THERMISTOR (DISCHARGE)		1		TH4	
7	R01 E15 440	POWER RECEIVER		1			
8	R01 30L 450	STRAINER		1			
9	R01 E11 410	STOP VALVE (GAS)	1/2	1			
10	R01 E08 411	STOP VALVE (LQUID)	1/4	1			
11	R01 E56 202	THERMISTOR (OUTDOOR PIPE)		1		TH3	
12	T7W E11 242	SOLENOID COIL (4-WAY VALVE)		1		21S4	
13	R01 E39 401	EXPANSION VALVE		2			
14	R01 E16 242	LEV COIL		1		LEV(A)	
15	R01 E10 413	CHARGE PLUG		1			
16	R01 E04 208	HIGH PRESSURE SWITCH		1		63H	
17	R01 E08 403	4-WAY VALVE		1			
18	R01 E17 242	LEV COIL		1		LEV(B)	
19	R01 E69 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1		TH6,7	
20	R01 E06 259	REACTOR		1		ACL	
21	T7W E21 716	TERMINAL BLOCK	6P(L,N,⏚,S1,S2,S3)	1		TB1	
22	T7W E11 346	NOISE FILTER		1		N.F.	
23	T7W E31 315	CONTROLLER CIRCUIT BOARD		1		C.B.	
24	T7W E19 313	POWER CIRCUIT BOARD		1		P.B.	
25	R01 E65 202	THERMISTOR (HEATSINK)		1		TH8	
26	—	ELECTRICAL PARTS BOX		1	(RG00N040G12)		
27	R01 E70 408	HEAT EXCHANGER		1			
㉘	R01 E02 239	FUSE	250V 6.3A	4		F1,2,3,4	
㉙	R01 E84 202	THERMISTOR (OUTDOOR PIPE) PIPE)		1		TH33	

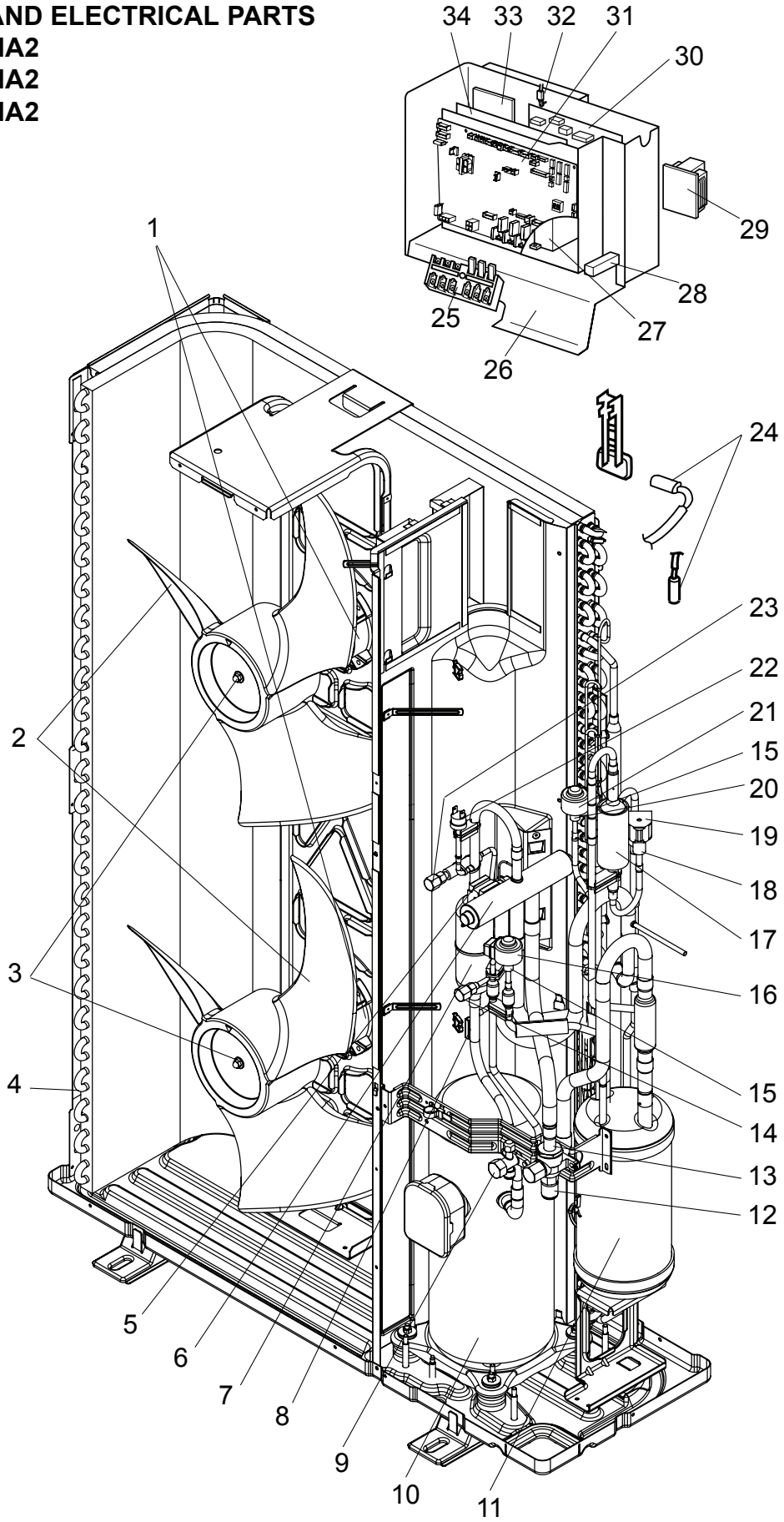
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-RP60VHA2
PUHZ-RP71VHA2



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

No.	Part No.	Part Name	Specification	Q'ty/set PUHZ-RP 60/71VHA2	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
1	R01 E44 221	FAN MOTOR	EHDS81B86MS1	1		MF1	
2	R01 E01 115	PROPELLER		1			
3	R01 E02 097	NUT		1			
4	—	ELECTRICAL PARTS BOX		1	(BK00B055G21)		
5	T7W E15 242	SOLENOID VALVE COIL <BYPASS VALVE>		1		SV	
6	R01 E11 428	BYPASS VALVE		1			
7	R01 E15 425	CAPILLARY TUBE	ϕ4.0 × ϕ2.4 × 500mm	1			
8	R01 E16 425	CAPILLARY TUBE	ϕ2.5 × ϕ0.6 × 1000mm	1			
9	R01 17T 201	THERMISTOR (DISCHARGE)		1		TH4	
10	R01 E10 413	CHARGE PLUG		2			
11	T97 410 240	COMPRESSOR	TNB220FMBH Including RUBBER MOUNT	1		MC	
12	R01 E71 202	THERMISTOR (OUTDOOR PIPE)		1		TH3	
13	R01 E09 410	STOP VALVE	3/8	1			
14	R01 E05 410	BALL VALVE	5/8	1			
15	R01 36L 450	STRAINER		1			
16	R01 E13 440	POWER RECEIVER		1			
17	R01 E09 403	4-WAY VALVE		1			
18	T7W E11 242	SOLENOID COIL <4-WAY VALVE>		1		21S4	
19	R01 E34 401	EXPANSION VALVE		2			
20	R01 E16 242	LEV COIL		1		LEV(A)	
21	R01 E17 242	LEV COIL		1		LEV(B)	
22	T7W E43 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1		TH6,7	
23	R01 E04 208	HIGH PRESSURE SWITCH		1		63H	
24	R01 E01 490	OIL SEPARATOR		1			
25	R01 E17 259	REACTOR		1		ACL	
26	T7W E13 346	NOISE FILTER CIRCUIT BOARD		1		N.F.	
27	T7W E31 315	CONTROLLER CIRCUIT BOARD		1		C.B.	
28	R01 E65 202	THERMISTOR (HEATSINK)		1		TH8	
29	T7W E20 313	POWER CIRCUIT BOARD		1		P.B.	
30	R01 E44 408	HEAT EXCHANGER		1			
31	T7W E16 716	TERMINAL BLOCK	6P(L,N,⏚,S1,S2,S3)	1		TB1	
㉜	R01 E02 239	FUSE	250V 6.3A	4		F1,2,3,4	
㉝	R01 E84 202	THERMISTOR (OUTDOOR PIPE)		1		TH33	

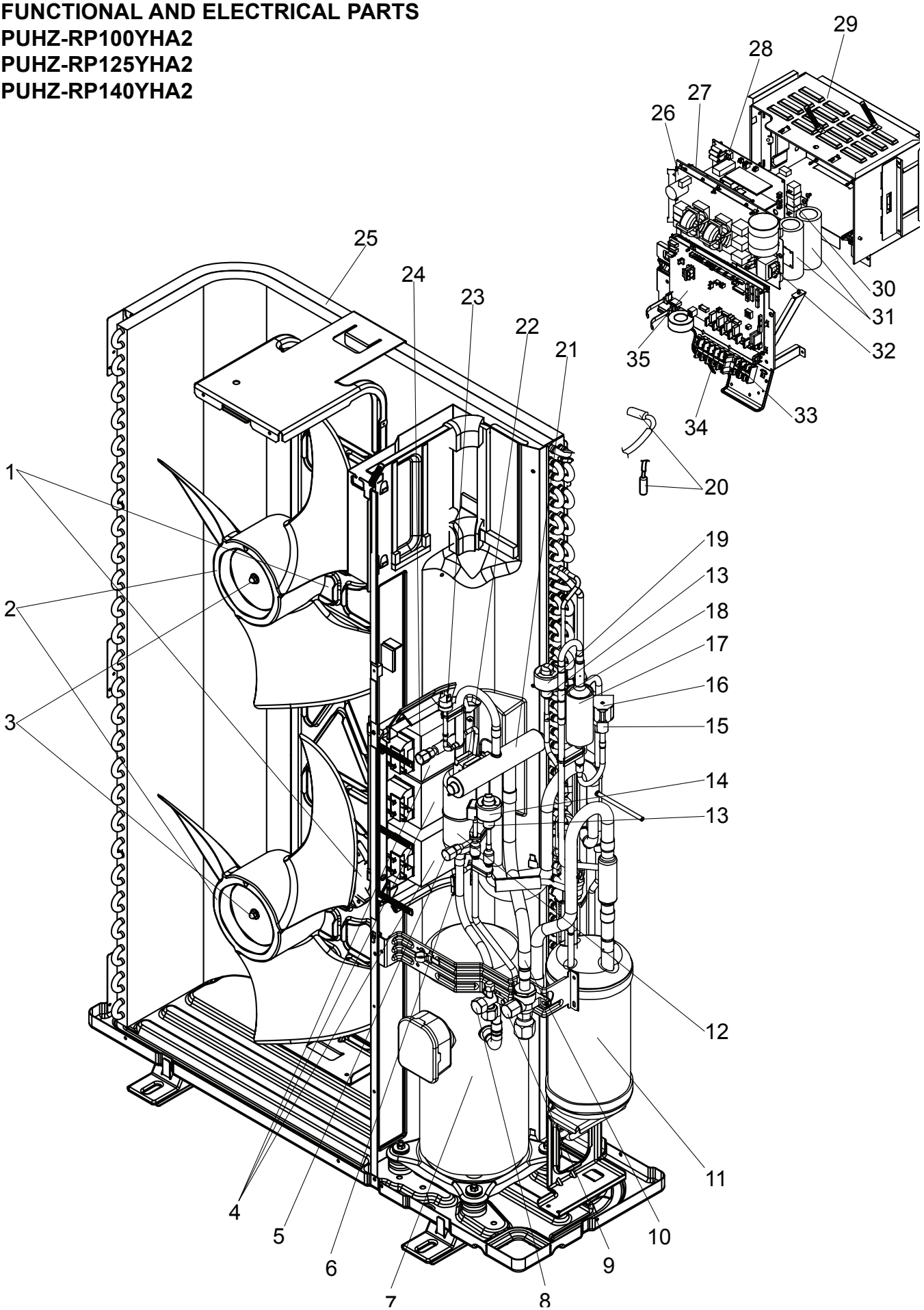
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-RP100VHA2
PUHZ-RP125VHA2
PUHZ-RP140VHA2



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

No.	Part No.	Part Name	Specification	Q'ty/set			Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
				PUHZ-RP					
				100	125	140			
				VHA2					
1	R01 E44 221	FAN MOTOR	EHDS81B86MS1	2	2	2		MF1,2	
2	R01 E01 115	PROPELLER		2	2	2			
3	R01 E02 097	NUT		2	2	2			
4	R01 E76 408	HEAT EXCHANGER		1	1	1			
5	T7W E11 242	SOLENOID COIL <4WAY VALVE>		1	1	1		21S4	
6	R01 E26 403	4-WAY VALVE		1	1	1			
7	R01 E05 467	MUFFLER		1	1	1			
8	R01 17T 201	THERMISTOR (DISCHARGE)		1	1	1		TH4	
9	R01 E09 410	STOP VALVE	3/8	1	1	1			
10	T97 410 745	COMPRESSOR	ANV33FDDMT	1			Including RUBBER MOUNT	MC	
	T97 410 744	COMPRESSOR	ANB33FCKMT		1	1		MC	
11	R01 E28 440	POWER RECEIVER		1	1	1			
12	R01 E05 410	BALL VALVE	5/8	1	1	1			
13	R01 36L 450	STRAINER		1	1	1			
14	R01 E05 413	CHARGE PLUG		1	1	1			
15	R01 E55 401	EXPANSION VALVE		2	2	2			
16	T7W E23 242	LEV COIL		1	1	1		LEV(B)	
17	—	REPLACE FILTER		1	1	1	(BK00C119G02)		
18	R01 E11 428	BYPASS VALVE		1	1	1			
19	T7W E10 242	SOLENOID COIL <BYPASS VALVE>		1	1	1		SV	
20	R01 E02 418	RESTRICTOR VALVE		1	1	1			
21	T7W E22 242	LEV COIL		1	1	1		LEV(A)	
22	R01 E04 208	HIGH PRESSURE SWITCH		1	1	1		63H	
23	R01 E08 413	CHARGE PLUG		1	1	1			
24	T7W E43 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1	1		TH6,7	
25	T7W E16 716	TERMINAL BLOCK	6P(L,N,⏚,S1,S2,S3)	1	1	1		TB1	
26	—	ELECTRICAL PARTS BOX		1	1	1	(BK00B055G25)		
27	T7W E02 259	52C RELAY		1	1	1		52C	
28	T7W E01 234	RESISTOR		1	1	1		RS	
29	T7W E03 259	REACTOR		1	1	1		DCL	
30	T7W E21 313	POWER CIRCUIT BOARD		1				P.B.	
	T7W E26 313	POWER CIRCUIT BOARD			1	1		P.B.	
31	T7W E32 315	CONTROLLER CIRCUIT BOARD		1	1	1		C.B.	
32	R01 E65 202	THERMISTOR (HEATSINK)		1	1	1		TH8	
33	T7W E00 233	ACTIVE FILTER MODULE		1	1	1		ACTM	
34	T7W E14 346	NOISE FILTER CIRCUIT BOARD		1	1	1		N.F.	
㉟	R01 E02 239	FUSE	250V 6.3A	4	4	4		F1,2,3,4	
㊱	R01 E66 202	THERMISTOR (OUTDOOR PIPE)		1	1	1		TH3	
㊲	T7W E05 254	MAIN SMOOTHING CAPACITOR		1	1	1		CB	
㊳	T7W E44 202	THERMISTOR (OUTDOOR PIPE)		1	1	1		TH33	

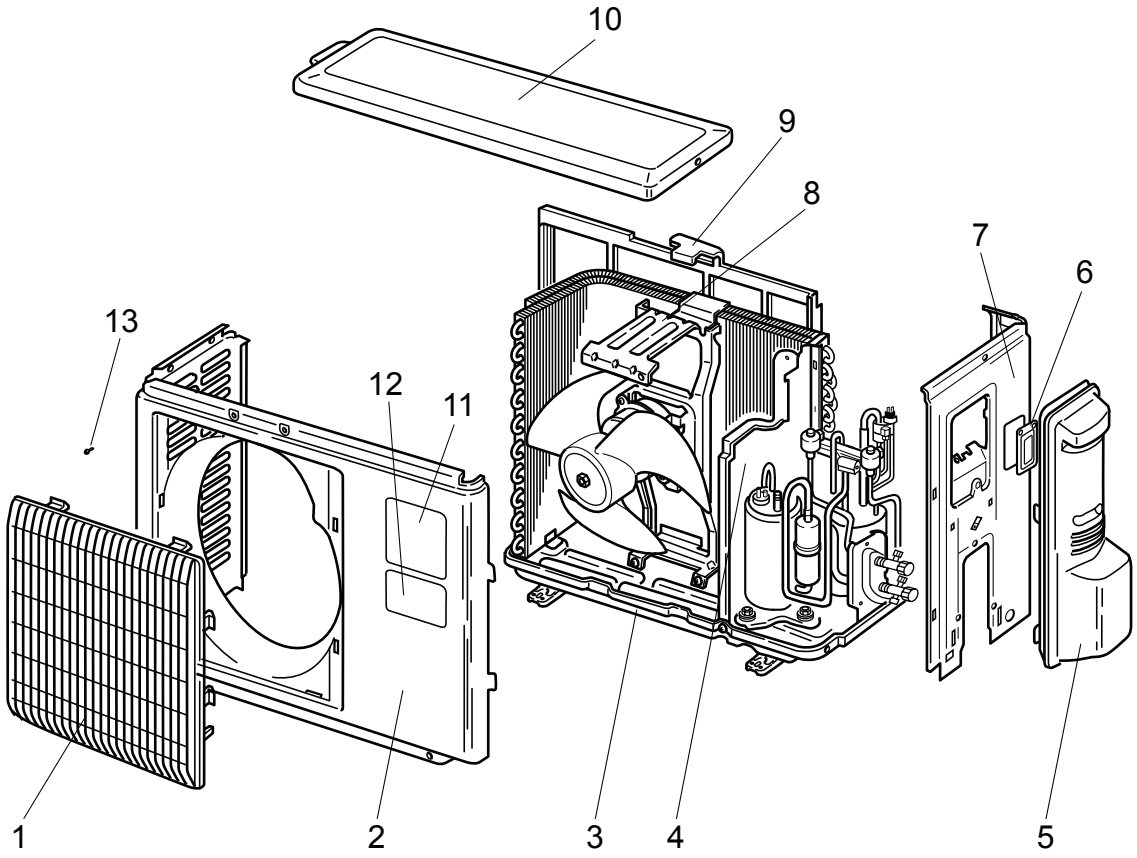
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-RP100YHA2
PUHZ-RP125YHA2
PUHZ-RP140YHA2



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

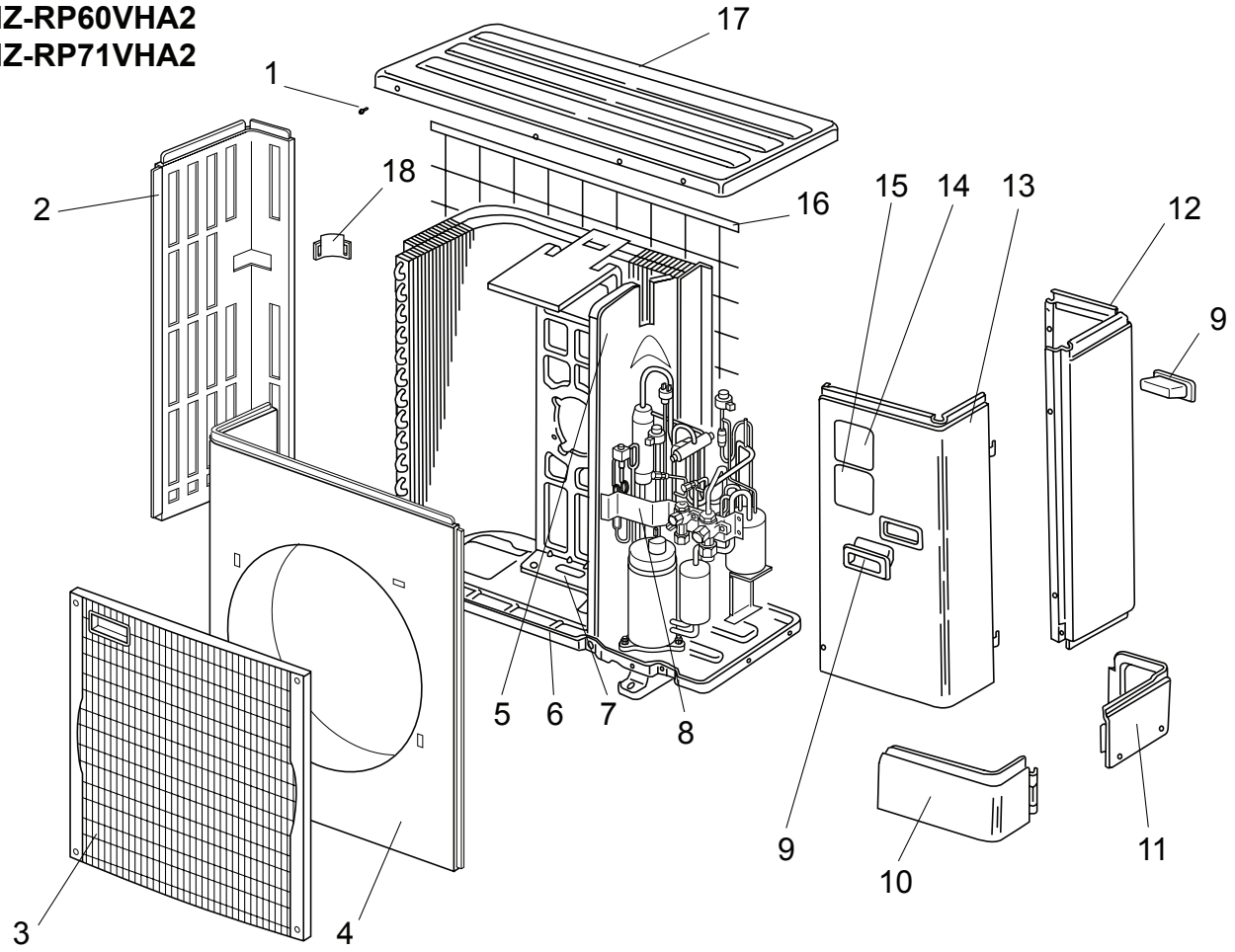
No.	Part No.	Part Name	Specification	Q'ty/set PUHZ-RP 100	Q'ty/set PUHZ-RP 125	Q'ty/set PUHZ-RP 140	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
				YHA2					
1	R01 E44 221	FAN MOTOR	EHDS81B86MS1	2	2	2		MF1,2	
2	R01 E01 115	PROPELLER		2	2	2			
3	R01 E02 097	NUT		2	2	2			
4	T7W E07 259	REACTOR		3	3	3		ACL1,2,3	
5	R01 E05 413	CHARGE PLUG		1	1	1			
6	R01 A19 201	THERMISTOR (DISCHARGE)		1	1	1		TH4	
7	T97 410 743	COMPRESSOR	ANV33FDBMT	1			Including RUBBER MOUNT	MC	
	T97 410 748	COMPRESSOR	ANB33FDFMT		1	1		MC	
8	R01 E09 410	STOP VALVE	3/8	1	1	1			
9	R01 E05 410	BALL VALVE	5/8	1	1	1			
10	R01 36L 450	STRAINER		1	1	1			
11	R01 E28 440	POWER RECEIVER		1	1	1			
12	R01 E05 467	MUFFLER		1	1	1			
13	R01 E55 401	EXPANSION VALVE		2	2	2			
14	T7W E23 242	LEV COIL		1	1	1		LEV(B)	
15	R01 E11 428	BYPASS VALVE		1	1	1			
16	T7W E10 242	SOLENOID COIL <BYPASS VALVE>		1	1	1		SV	
17	—	REPLACE FILTER		1	1	1	(BK00C119G02)		
18	R01 E02 418	RESTRICTOR VALVE		1	1	1			
19	T7W E22 242	LEV COIL		1	1	1		LEV(A)	
20	R01 E75 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1	1		TH6,7	
21	R01 E26 403	4-WAY VALVE		1	1	1			
22	T7W E24 242	SOLENOID COIL <4-WAY VALVE>		1	1	1		21S4	
23	R01 E04 208	HIGH PRESSURE SWITCH		1	1	1		63H	
24	R01 E08 413	CHARGE PLUG		1	1	1			
25	R01 E76 408	HEAT EXCHANGER		1	1	1			
26	T7W E12 346	NOISE FILTER CIRCUIT BOARD		1	1	1		N.F.	
27	T7W E45 310	CONVERTER CIRCUIT BOARD		1	1	1		CONV.B.	
28	T7W E23 313	POWER CIRCUIT BOARD		1	1	1		P.B.	
29	—	ELECTRICAL PARTS BOX		1	1	1	(BK00C410G07)		
30	R01 E08 233	RESISTOR		1	1	1		RS	
31	T7W E03 254	MAIN SMOOTHING CAPACITOR		2	2	2		CB1, CB2	
32	T7W E06 259	REACTOR		1	1	1		ACL4	
33	T7W E22 716	TERMINAL BLOCK	3P (S1,S2,S3)	1	1	1		TB2	
34	T7W E06 716	TERMINAL BLOCK	5P (L1,L2,L3,N,⏚)	1	1	1		TB1	
35	T7W E33 315	CONTROLLER CIRCUIT BOARD		1	1	1		C.B.	
㊱	R01 E02 239	FUSE	250V 6.3A	4	4	4		F1,2,3,4	
㊲	R01 E66 202	THERMISTOR (OUTDOOR PIPE)		1	1	1		TH3	
㊳	T7W E06 254	CAPACITOR		1	1	1		CK	
㊴	R01 E84 202	THERMISTOR (OUTDOOR PIPE)		1	1	1		TH33	

STRUCTURAL PARTS
PUHZ-RP35VHA2
PUHZ-RP50VHA2



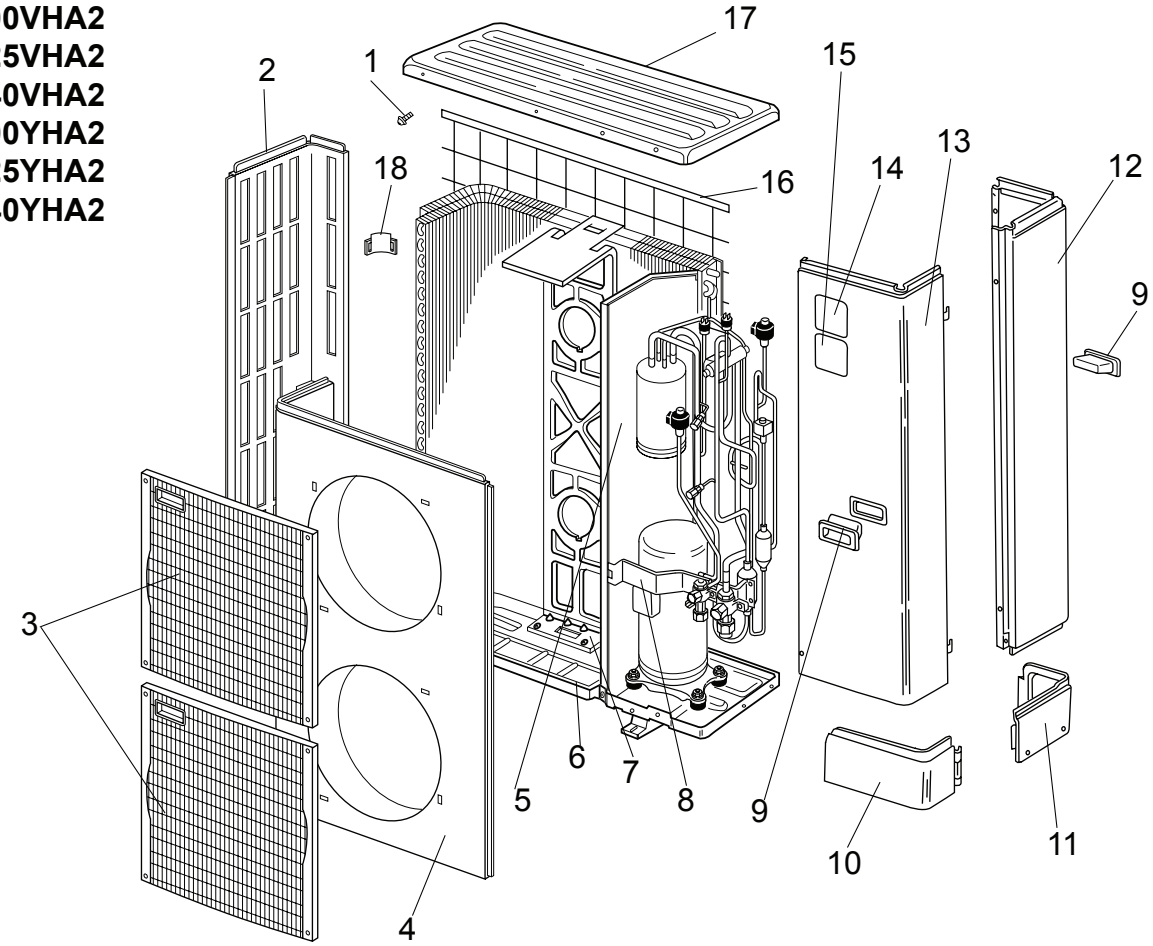
No.	Part No.	Part Name	Specification	Q'ty/set	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
				PUHZ-RP35VHA2 PUHZ-RP50VHA2			
1	R01 E10 691	GRILLE		1			
2	R01 E02 668	FRONT PANEL BASE		1			
3	R01 E15 686	BASE ASSY		1			
4	—	SEPARATOR		1	(SU00B229G35)		
5	R01 E02 667	SERVICE PANEL		1			
6	R01 E00 518	SERVICE PANEL		1			
7	R01 E02 682	BACK PANEL		1			
8	R01 E21 130	MOTOR SUPPORT		1			
9	R01 E01 684	CONDENSER NET		1			
10	T7W E01 641	TOP PANEL		1			
11	—	LABEL (MITSUBISHI)		1	(DG79R130H01)		
12	—	LABEL (INVERTER)		1	(BK79C208G02)		
13	—	F.ST SCREW	(4×10)	12	(Z004R279H02)		

STRUCTURAL PARTS
PUHZ-RP60VHA2
PUHZ-RP71VHA2



No.	Part No.	Part Name	Specification	Q'ty/set	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
				PUHZ-RP60VHA2 PUHZ-RP71VHA2			
1	—	F.ST SCREW	(5×10)	31	(DG12F536H10)		
2	R01 E01 662	SIDE PANEL (L)		1			
3	T7W E02 691	FAN GRILLE		1			
4	T7W E01 667	FRONT PANEL		1			
5	—	SEPARATOR		1	(BK00C143G82)		
6	R01 E13 686	BASE ASSY		1			
7	R01 E06 130	MOTOR SUPPORT		1			
8	—	VALVE BED ASSY		1	(BK00C142G16)		
9	R01 30L 655	HANDLE		2			
10	R01 E02 658	COVER PANEL (FRONT)		1			
11	R01 E05 658	COVER PANEL (REAR)		1			
12	R01 E03 661	SIDE PANEL (R)		1			
13	T7W E02 668	SERVICE PANEL		1			
14	—	LABEL (MITSUBISHI)		1	(DG79R130H01)		
15	—	LABEL (INVERTER)		1	(BK79C208G02)		
16	R01 E00 698	REAR GUARD		1			
17	R01 E04 641	TOP PANEL		1			
18	R01 E00 655	HANDLE		1			

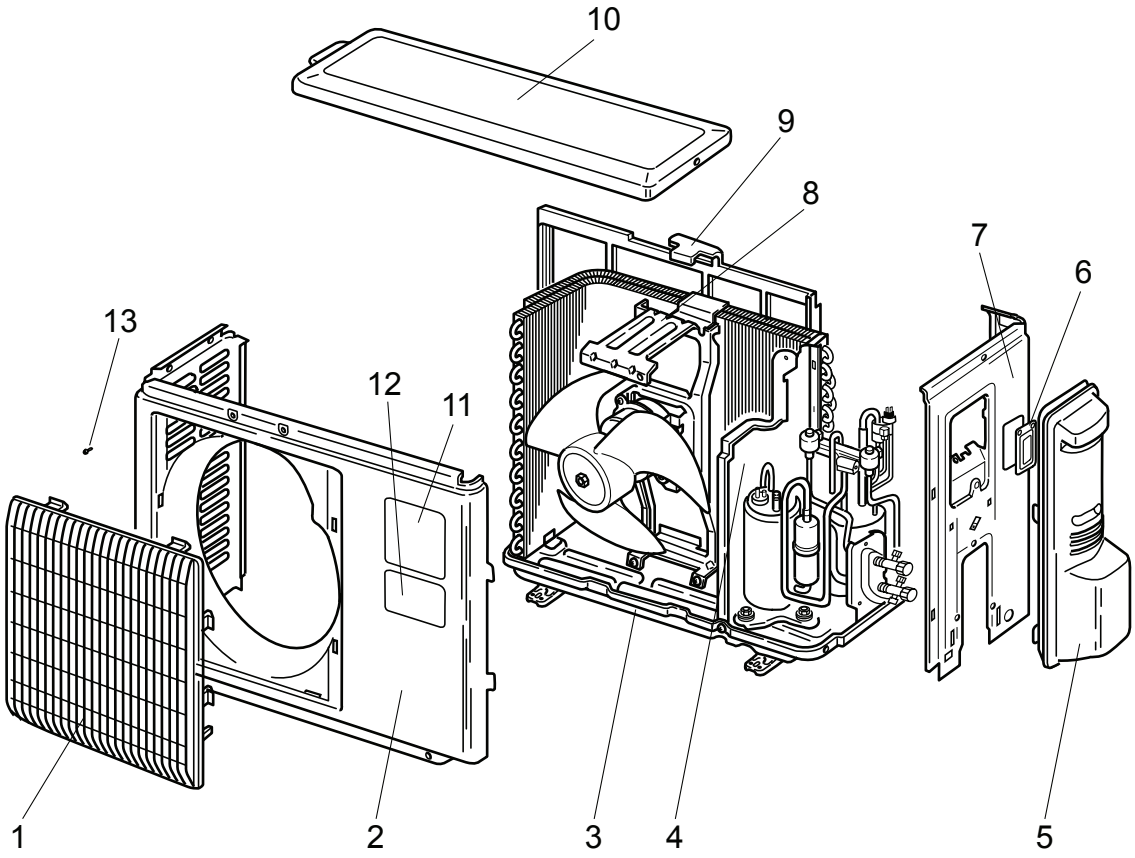
STRUCTURAL PARTS
PUHZ-RP100VHA2
PUHZ-RP125VHA2
PUHZ-RP140VHA2
PUHZ-RP100YHA2
PUHZ-RP125YHA2
PUHZ-RP140YHA2



No.	RoHS	Part No.	Part Name	Specification	Q'ty/set PUHZ-RP 100, 125, 140 VHA2	Q'ty/set PUHZ-RP 100, 125, 140 YHA2	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
1	G	—	F.ST SCREW	(5×10)	38	38	(DG12F536H10)		
2	G	T7W E02 662	SIDE PANEL (L)		1	1			
3	G	T7W E02 691	FAN GRILLE		2	2			
4	G	T7W E02 667	FRONT PANEL		1	1			
5	G	—	SEPARATOR		1		(BK00C143G98)		
	G					1	(BK00C409G08)		
6	G	R01 E14 686	BASE ASSY		1	1			
7	G	R01 E25 130	MOTOR SUPPORT		1	1			
8	G	—	VALVE BED ASSY		1	1	(BK00C142G16)		
9	G	R01 30L 655	HANDLE		2	2			
10	G	R01 E04 658	COVER PANEL (FRONT)		1	1			
11	G	R01 E05 658	COVER PANEL (REAR)		1	1			
12	G	T7W E15 661	SIDE PANEL (R)		1	1			
13	G	T7W E03 668	SERVICE PANEL		1				
	G	T7W E04 668	SERVICE PANEL			1			
14	G	—	LABEL (MITSUBISHI)		1	1	(DG79R130H01)		
15	G	—	LABEL (INVERTER)		1	1	(BK79C208G02)		
16	G	R01 E01 698	REAR GUARD		1	1			
17	G	R01 E04 641	TOP PANEL		1				
	G	R01 E08 641	TOP PANEL			1			
18	G	R01 E00 655	HANDLE		1	1			

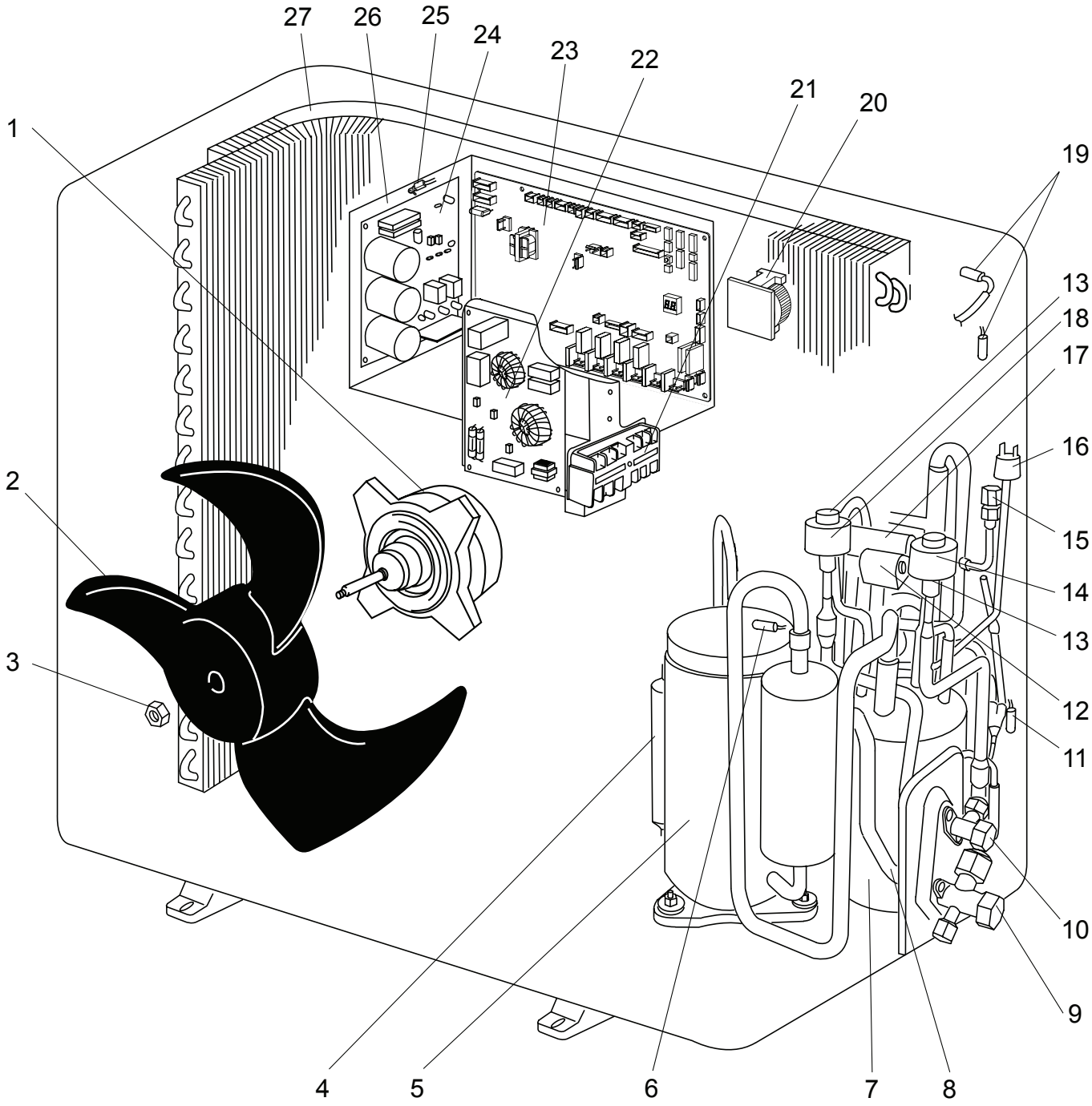
17 RoHS PARTS LIST

STRUCTURAL PARTS
PUHZ-RP35VHA2 PUHZ-RP35VHA2$_1$ PUHZ-RP35VHA3
PUHZ-RP50VHA2 PUHZ-RP50VHA2$_1$ PUHZ-RP50VHA3



No.	RoHS	Part No.	Part Name	Specification	Q'ty/set		Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
					PUHZ-RP35,50				
					VHA2	VHA2$_1$ VHA3			
1	G	R01 E30 691	GRILLE		1	1			
2	G	R01 E09 668	FRONT PANEL		1	1			
3	G	R01 E29 686	BASE ASSY		1	1			
4	G	—	SEPARATOR		1	1	(SU00B229G35)		
5	G	R01 E14 667	SERVICE PANEL		1				
	G	T7W E12 668	SERVICE PANEL			1			
6	G	R01 E02 518	SERVICE PANEL		1	1			
7	G	R01 E06 682	BACK PANEL		1	1			
8	G	R01 E29 130	MOTOR SUPPORT		1	1			
9	G	R01 E02 684	CONDENSER NET		1	1			
10	G	T7W E05 641	TOP PANEL		1	1			
11	G	—	LABEL (MITSUBISHI)		1	1	(DG79R130H01)		
12	G	—	LABEL (INVERTER)		1	1	(BK79C208G02)		
13	G	—	F.ST SCREW	(4×10)	12	12	(Z504K189H37)		

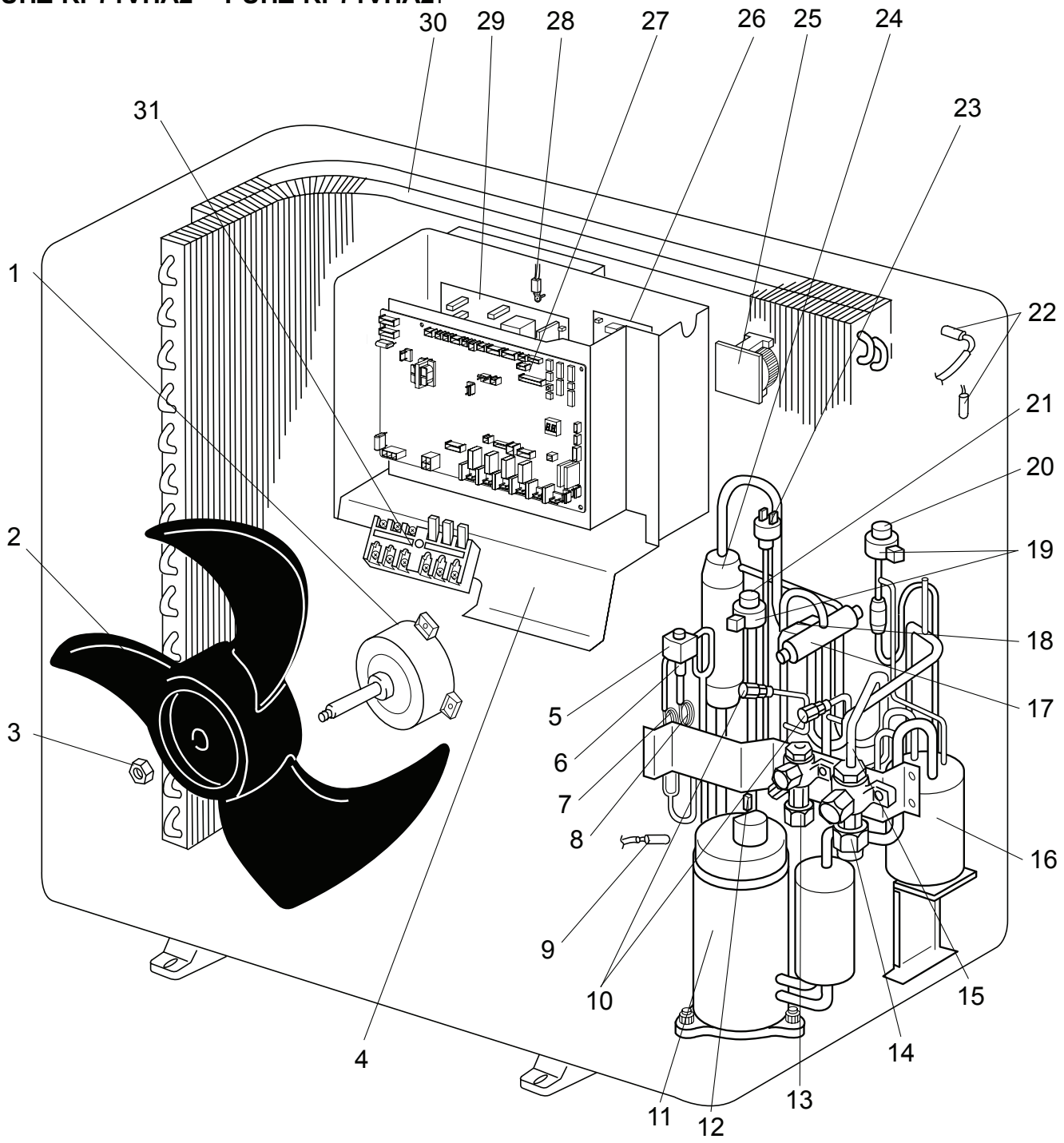
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-RP35VHA2 PUHZ-RP35VHA2$_1$ PUHZ-RP35VHA3
PUHZ-RP50VHA2 PUHZ-RP50VHA2$_1$ PUHZ-RP50VHA3



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

No.	RoHS	Part No.	Part Name	Specification	Q'ty/set PUHZ-RP35,50			Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
					VHA2	VHA2₁	VHA3			
1	G	R01 E47 221	FAN MOTOR		1	1	1		MF1	
2	G	R01 E07 115	PROPELLER FAN		1	1	1			
3	G	R01 E08 097	NUT		1	1	1			
4	G	R01 E23 467	MUFFLER		1	1				
	G	T7W E07 467	MUFFLER				1			
5	G	T97 425 210	COMPRESSOR	SNB130FLBH	1	1		Including	MC	
	G	T92 574 280	COMPRESSOR	SNB130FGCH			1	RUBBER MOUNT	MC	
6	G	R01 E08 201	THERMISTOR (DISCHARGE)		1				TH4	
	G	R01 E13 201	THERMISTOR (DISCHARGE)			1	1		TH4	
7	G	R01 E41 440	POWER RECEIVER		1	1	1			
8	G	R01 31L 450	STRAINER		1	1	1			
9	G	R01 E23 410	STOP VALVE (GAS)	1/2	1	1	1			
10	G	R01 E10 411	STOP VALVE (LIQUID)	1/4	1	1	1			
11	G	R01 E98 202	THERMISTOR (OUTDOOR PIPE)		1	1	1		TH3	
12	G	T7W E30 242	SOLENOID COIL (4-WAY VALVE)		1				21S4	
	G	T7W E34 242	SOLENOID COIL (4-WAY VALVE)			1	1		21S4	
13	G	R01 E75 401	LEV		2	2	2			
14	G	R01 E36 242	LEV COIL		1	1	1		LEV(A)	
15	G	R01 E24 413	CHARGE PLUG		1	1	1			
16	G	R01 E06 208	HIGH PRESSURE SWITCH		1	1	1		63H	
17	G	R01 E29 403	4-WAY VALVE		1	1	1			
18	G	R01 E37 242	LEV COIL		1	1	1		LEV(B)	
19	G	R01 E97 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1	1		TH6,7	
20	G	R01 E22 259	REACTOR		1	1	1		ACL	
21	G	T7W E28 716	TERMINAL BLOCK	6P(L,N,⏚,S1,S2,S3)	1	1	1		TB1	
22	G	T7W E17 346	NOISE FILTER		1				N.F.	
	G	T7W E20 346	NOISE FILTER			1	1		N.F.	
23	G	T7W E42 315	CONTROLLER CIRCUIT BOARD		1				C.B.	
	G	T7W E49 315	CONTROLLER CIRCUIT BOARD			1			C.B.	
	G	T7W E65 315	CONTROLLER CIRCUIT BOARD				1		C.B.	
24	G	T7W E34 313	POWER CIRCUIT BOARD		1				P.B.	
	G	T7W E38 313	POWER CIRCUIT BOARD			1			P.B.	
	G	T7W E48 313	POWER CIRCUIT BOARD				1		P.B.	
25	G	R01 E99 202	THERMISTOR (HEATSINK)		1	1	1		TH8	
26	G	—	ELECTRICAL PARTS BOX		1	1	1	(RG00N040G12)		
27	G	R01 E88 408	HEAT EXCHANGER		1	1	1			
㉘	G	R01 E06 239	FUSE	250V 6.3A	4	4	4		F1,2,3,4	
㉙	G	R01 E93 202	THERMISTOR (OUTDOOR PIPE)		1				TH33	
	G	T7W E51 202	THERMISTOR (OUTDOOR PIPE)			1	1		TH33	

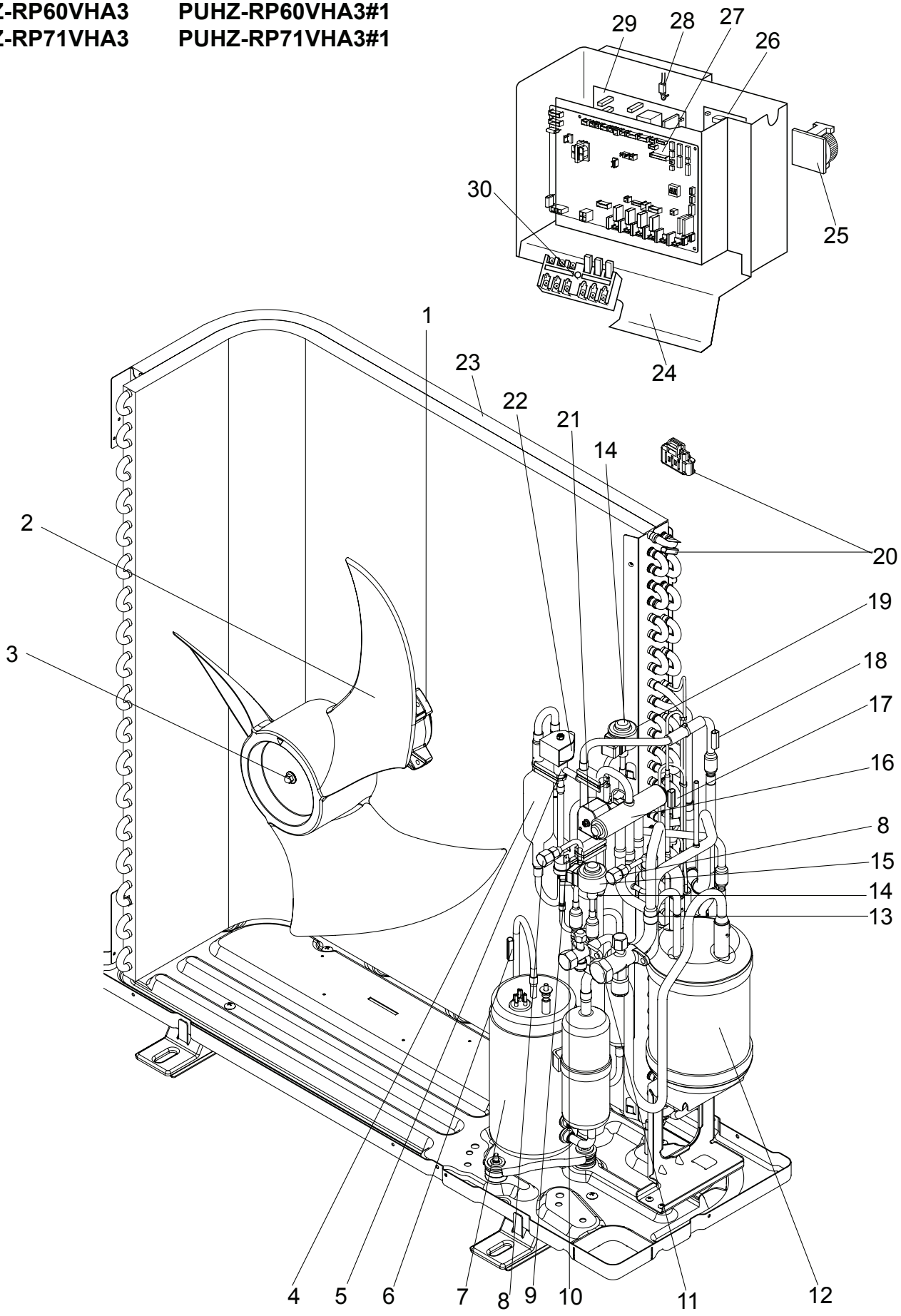
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-RP60VHA2 PUHZ-RP60VHA2$_1$
PUHZ-RP71VHA2 PUHZ-RP71VHA2$_1$



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

No.	RoHS	Part No.	Part Name	Specification	Q'ty/set		Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
					PUHZ-RP60,71				
					VHA2	VHA2$_1$			
1	G	R01 E44 221	FAN MOTOR	EHDS81B86MS1	1	1		MF1	
2	G	R01 E08 115	PROPELLER FAN		1	1			
3	G	R01 E09 097	NUT		1	1			
4	G	—	ELECTRICAL PARTS BOX		1	1	(BK00B055G21)		
5	G	T7W E15 242	SOLENOID VALVE COIL <BYPASS VALVE>		1	1		SV	
6	G	R01 E13 428	BYPASS VALVE		1	1			
7	G	R01 E24 425	CAPILLARY TUBE	ϕ4.0 × ϕ2.4 × 500mm	1	1			
8	G	R01 E25 425	CAPILLARY TUBE	ϕ2.5 × ϕ0.6 × 1000mm	1	1			
9	G	R01 E09 201	THERMISTOR (DISCHARGE)		1			TH4	
	G	R01 E14 201	THERMISTOR (DISCHARGE)			1		TH4	
10	G	R01 E24 413	CHARGE PLUG		2	2			
11	G	T97 415 240	COMPRESSOR	TNB220FMBH Including RUBBER MOUNT	1	1		MC	
12	G	R01 E96 202	THERMISTOR (OUTDOOR PIPE)		1			TH3	
	G	R01 N03 202	THERMISTOR (OUTDOOR PIPE)			1		TH3	
13	G	R01 E13 410	STOP VALVE	3/8	1	1			
14	G	R01 E12 410	BALL VALVE	5/8	1	1			
15	G	R01 32L 450	STRAINER		1	1			
16	G	R01 E42 440	POWER RECEIVER		1	1			
17	G	R01 E13 403	4-WAY VALVE		1	1			
18	G	T7W E30 242	SOLENOID COIL <4WAY VALVE>		1			21S4	
	G	T7W E29 242	SOLENOID COIL <4-WAY VALVE>			1		21S4	
19	G	R01 E79 401	EXPANSION VALVE		2	2			
20	G	R01 E36 242	LEV COIL		1	1		LEV(A)	
21	G	R01 E37 242	LEV COIL		1	1		LEV(B)	
22	G	R01 E94 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1		TH6,7	
23	G	R01 E06 208	HIGH PRESSURE SWITCH		1	1		63H	
24	G	R01 E11 490	OIL SEPARATOR		1	1			
25	G	R01 E22 259	REACTOR		1	1		ACL	
26	G	T7W E18 346	NOISE FILTER CIRCUIT BOARD		1			N.F.	
	G	T7W E21 346	NOISE FILTER CIRCUIT BOARD			1		N.F.	
27	G	T7W E42 315	CONTROLLER CIRCUIT BOARD		1			C.B.	
	G	T7W E49 315	CONTROLLER CIRCUIT BOARD			1		C.B.	
28	G	R01 E99 202	THERMISTOR (HEATSINK)		1	1		TH8	
29	G	T7W E29 313	POWER CIRCUIT BOARD		1			P.B.	
	G	T7W E39 313	POWER CIRCUIT BOARD			1		P.B.	
30	G	R01 E89 408	HEAT EXCHANGER		1	1			
31	G	T7W E29 716	TERMINAL BLOCK	6P(L,N,⏚,S1,S2,S3)	1	1		TB1	
㉜	G	R01 E06 239	FUSE	250V 6.3A	4	4		F1,2,3,4	
㉝	G	R01 E93 202	THERMISTOR (OUTDOOR PIPE)		1			TH33	
	G	T7W E52 202	THERMISTOR (OUTDOOR PIPE)			1		TH33	

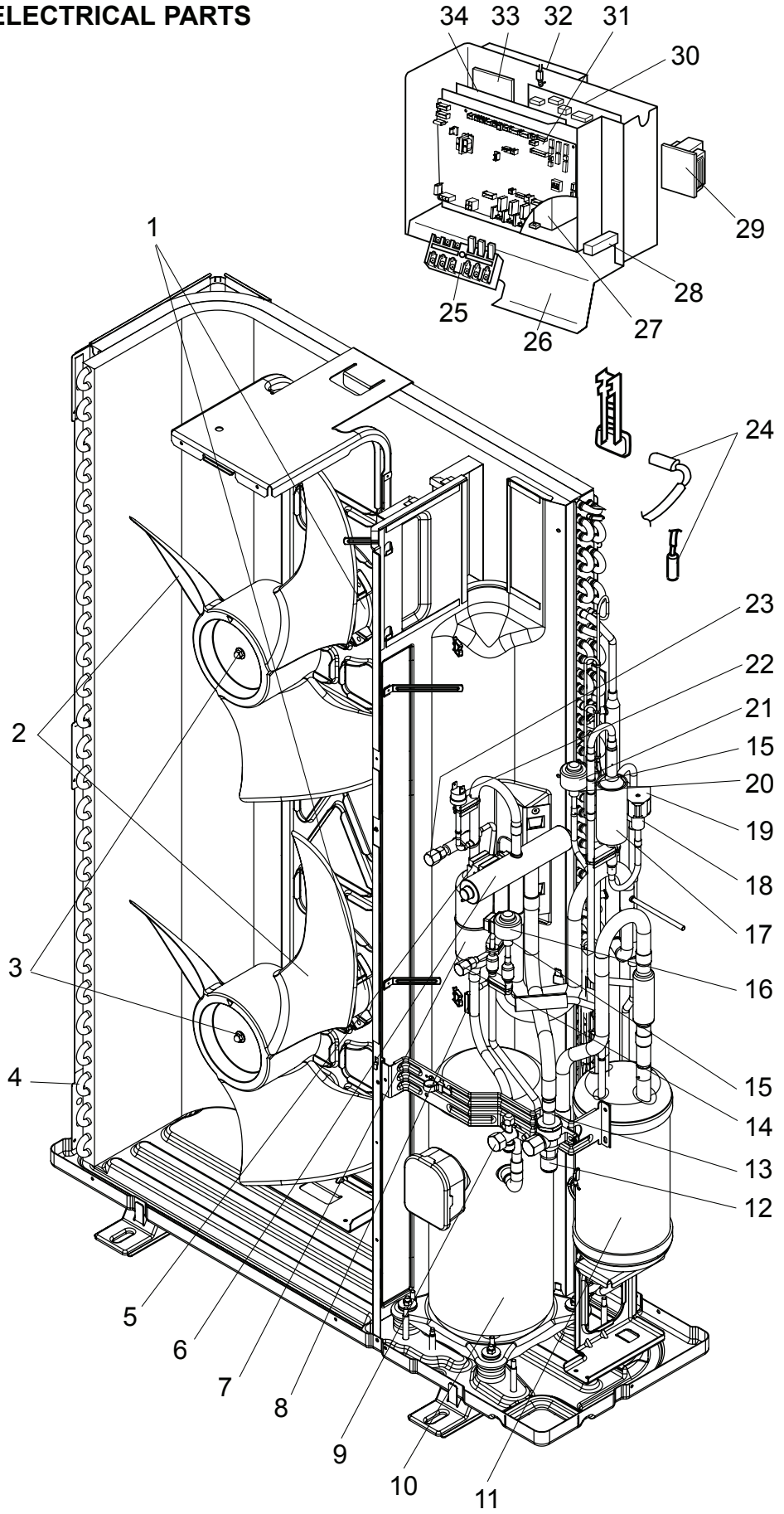
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-RP60VHA3 PUHZ-RP60VHA3#1
PUHZ-RP71VHA3 PUHZ-RP71VHA3#1



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

No.	RoHS	Part No.	Part Name	Specification	Q'ty/set		Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
					PUHZ-RP60, 71				
					VHA3	VHA3#1			
1	G	T7W E27 763	FAN MOTOR	EHDS81B86MS1	1	1		MF1	
2	G	R01 E08 115	PROPELLER FAN		1	1			
3	G	R01 E09 097	NUT		1	1			
4	G	T7W E07 467	MUFFLER		1	1			
5	G	R01 E13 428	BYPASS VALVE		1	1			
6	G	R01 E14 201	THERMISTOR (DISCHARGE)		1			TH4	
	G	T7W E04 201	THERMISTOR (DISCHARGE)			1		TH4	
7	G	T92 573 280	COMPRESSOR	SNB172FDGM1 Including RUBBER MOUNT	1	1		MC	
8	G	R01 E24 413	CHARGE PLUG		2	2			
9	G	R01 E06 208	HIGH PRESSURE SWITCH		1	1		63H	
10	G	R01 E13 410	STOP VALVE	3/8	1	1			
11	G	R01 E24 410	STOP VALVE	5/8	1	1			
12	G	R01 E42 440	POWER RECEIVER		1	1			
13	G	R01 32L 450	STRAINER		1	1			
14	G	R01 E79 401	EXPANSION VALVE		2	2			
15	G	T7W E46 242	LEV COIL		1	1		LEV(B)	
16	G	R01 E13 403	4-WAY VALVE		1	1			
17	G	R01 N03 202	THERMISTOR (OUTDOOR PIPE)		1	1		TH3	
18	G	T7W E52 202	THERMISTOR (OUTDOOR PIPE)		1	1		TH33	
19	G	R01 E36 242	LEV COIL		1	1		LEV(A)	
20	G	R01 E94 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1		TH6,7	
21	G	T7W E29 242	SOLENOID COIL <4-WAY VALVE>		1	1		21S4	
22	G	T7W E15 242	SOLENOID COIL <BYPASS VALVE>		1	1		SV	
23	G	T7W E46 408	HEAT EXCHANGER		1	1			
24	G	—	ELECTRICAL PARTS BOX		1	1	(BK00B055G21)		
25	G	R01 E33 259	REACTOR		1	1		ACL	
26	G	T7W E21 346	NOISE FILTER CIRCUIT BOARD		1	1		N.F.	
27	G	T7W E65 315	CONTROLLER CIRCUIT BOARD		1			C.B.	
	G	T7W E70 315	CONTROLLER CIRCUIT BOARD			1		C.B.	
28	G	R01 E99 202	THERMISTOR (HEATSINK)		1	1		TH8	
29	G	T7W E39 313	POWER CIRCUIT BOARD		1	1		P.B.	
30	G	T7W E29 716	TERMINAL BLOCK	6P(L,N,⏚,S1,S2,S3)	1	1		TB1	
(31)	G	R01 E06 239	FUSE	250V 6.3A	4	4		F1,2,3,4	
(32)	G	R01 E03 418	RESTRICTOR VALVE		1	1			
(33)	G	T7W E11 201	THERMISTOR (SHELL)			1		TH32	
(34)	G	—	REPLACE FILTER		1	1	(BK00C119G02)		

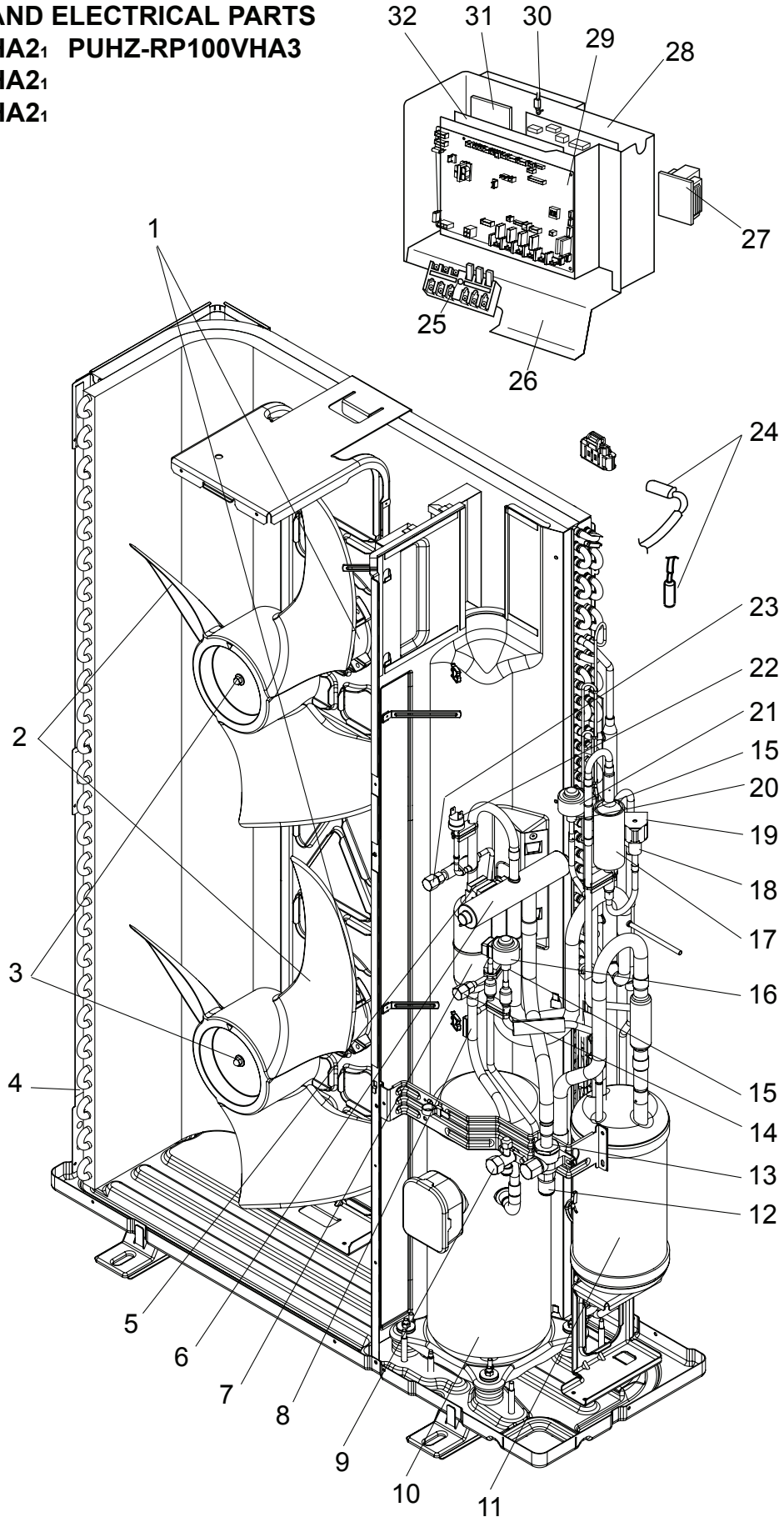
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-RP100VHA2
PUHZ-RP125VHA2
PUHZ-RP140VHA2



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

No.	RoHS	Part No.	Part Name	Specification	Q'ty/set PUHZ-RP 100	Q'ty/set PUHZ-RP 125	Q'ty/set PUHZ-RP 140	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
					VHA2					
1	G	R01 E44 221	FAN MOTOR	EHDS81B86MS1	2	2	2		MF1,2	
2	G	R01 E08 115	PROPELLER FAN		2	2	2			
3	G	R01 E09 097	NUT		2	2	2			
4	G	R01 E90 408	HEAT EXCHANGER		1	1	1			
5	G	T7W E30 242	SOLENOID COIL <FOUR-WAY VALVE>		1	1	1		21S4	
6	G	R01 E26 403	4-WAY VALVE		1	1	1			
7	G	R01 E10 467	MUFFLER		1	1	1			
8	G	R01 E09 201	THERMISTOR (DISCHARGE)		1	1	1		TH4	
9	G	R01 E13 410	STOP VALVE	3/8	1	1	1			
10	G	T97 415 740	COMPRESSOR	ANV33FDDMT	1			Including RUBBER MOUNT	MC	
	G	T97 415 744	COMPRESSOR	ANB33FCKMT		1	1		MC	
11	G	R01 E43 440	POWER RECEIVER		1	1	1			
12	G	R01 E12 410	BALL VALVE	5/8	1	1	1			
13	G	R01 32L 450	STRAINER		1	1	1			
14	G	R01 E26 413	CHARGE PLUG		1	1	1			
15	G	R01 H20 401	EXPANSION VALVE		2	2	2			
16	G	R01 E49 242	LEV COIL		1	1	1		LEV(B)	
17	G	—	REPLACE FILTER		1	1	1	(BK00C119G02)		
18	G	R01 E13 428	BYPASS VALVE		1	1	1			
19	G	T7W E31 242	SOLENOID VALVE COIL <BYPASS VALVE>		1	1	1		SV	
20	G	R01 E03 418	RESTRICTOR VALVE		1	1	1			
21	G	R01 E50 242	LEV COIL		1	1	1		LEV(A)	
22	G	R01 E06 208	HIGH PRESSURE SWITCH		1	1	1		63H	
23	G	R01 E25 413	CHARGE PLUG		1	1	1			
24	G	R01 E94 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1	1		TH6,7	
25	G	T7W E29 716	TERMINAL BLOCK	6P(L,N,⏚,S1,S2,S3)	1	1	1		TB1	
26	G	—	ELECTRICAL PARTS BOX		1	1	1	(BK00B055G25)		
27	G	T7W E10 259	52C RELAY		1	1	1		52C	
28	G	R01 E00 234	RESISTOR		1	1	1		RS	
29	G	R01 E20 259	REACTOR		1	1	1		DCL	
30	G	T7W E30 313	POWER CIRCUIT BOARD		1				P.B.	
	G	T7W E31 313	POWER CIRCUIT BOARD			1	1		P.B.	
31	G	T7W E43 315	CONTROLLER CIRCUIT BOARD		1	1	1		C.B.	
32	G	R01 E99 202	THERMISTOR (HEATSINK)		1	1	1		TH8	
33	G	R01 E09 233	ACTIVE FILTER MODULE		1	1	1		ACTM	
34	G	T7W E16 346	NOISE FILTER CIRCUIT BOARD		1	1	1		N.F.	
(35)	G	R01 E06 239	FUSE	250V 6.3A	4	4	4		F1,2,3,4	
(36)	G	R01 H00 202	THERMISTOR (OUTDOOR PIPE)		1	1	1		TH3	
(37)	G	R01 E20 254	MAIN SMOOTHING CAPACITOR		1	1	1		CB	
(38)	G	T7W E45 202	THERMISTOR (OUTDOOR PIPE)		1	1	1		TH33	

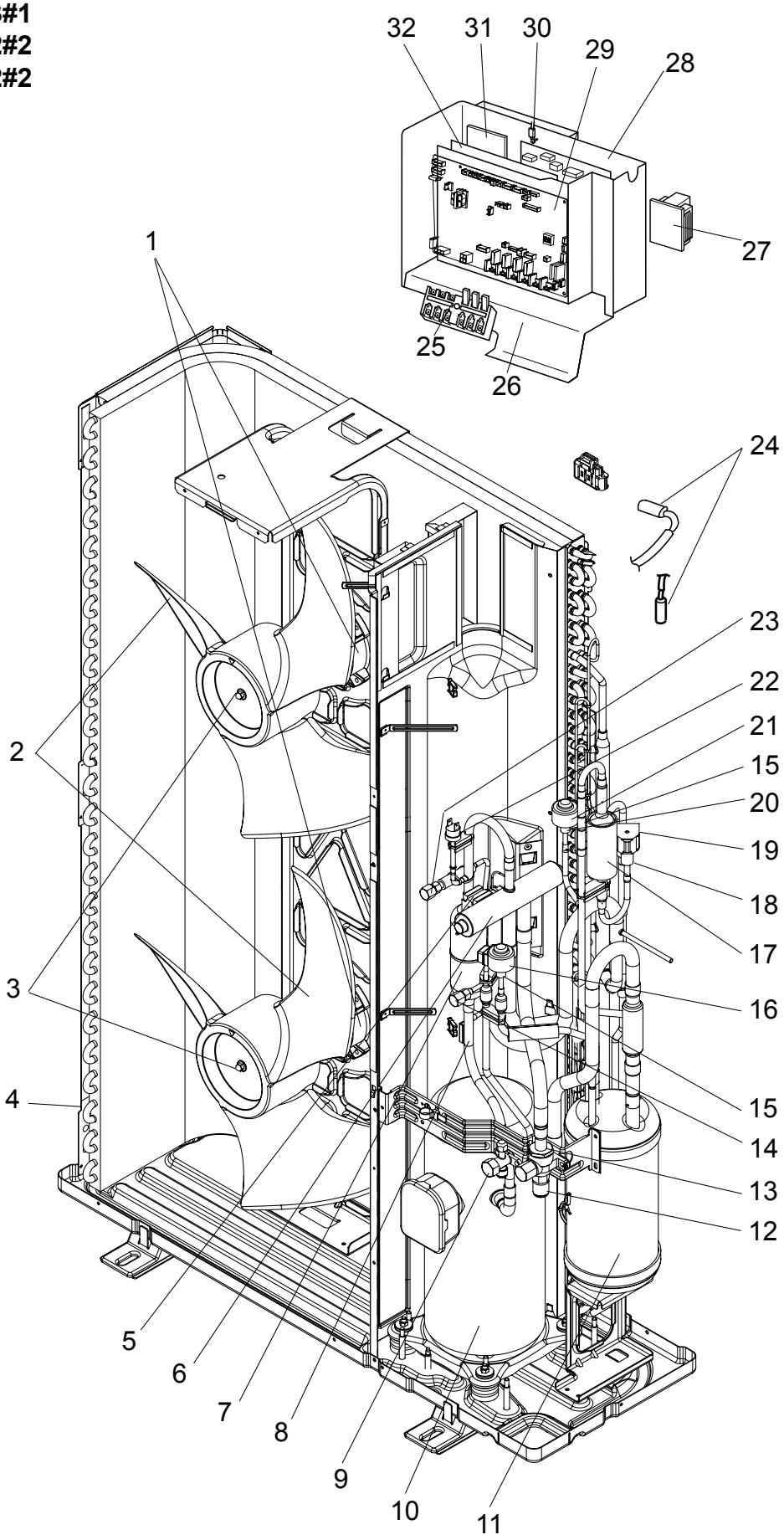
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-RP100VHA2₁ PUHZ-RP100VHA3
PUHZ-RP125VHA2₁
PUHZ-RP140VHA2₁



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

No.	RoHS	Part No.	Part Name	Specification	Q'ty/set PUHZ-RP 100 VHA2₁	Q'ty/set PUHZ-RP 125,140 VHA2₁	Q'ty/set PUHZ-RP 100 VHA3	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
1	G	R01 E44 221	FAN MOTOR	EHDS81B86MS1	2	2			MF1,2	
	G	T7W E27 763	FAN MOTOR				2		MF1,2	
2	G	R01 E08 115	PROPELLER FAN		2	2	2			
3	G	R01 E09 097	NUT		2	2	2			
4	G	R01 E90 408	HEAT EXCHANGER		1	1	1			
5	G	T7W E29 242	SOLENOID COIL <4-WAY VALVE>		1	1	1		21S4	
6	G	R01 E32 403	4-WAY VALVE		1	1	1			
7	G	R01 E10 467	MUFFLER		1	1	1			
8	G	R01 E14 201	THERMISTOR (DISCHARGE)		1	1	1		TH4	
9	G	R01 E13 410	STOP VALVE	3/8	1	1	1			
10	G	T97 415 749	COMPRESSOR	ANV33FDJMT	1			Including RUBBER MOUNT	MC	
	G	T97 415 751	COMPRESSOR	ANB33FCNMT		1	1		MC	
11	G	R01 E43 440	POWER RECEIVER		1	1	1			
12	G	R01 E12 410	BALL VALVE	5/8	1	1	1			
13	G	R01 32L 450	STRAINER		1	1	1			
14	G	R01 E26 413	CHARGE PLUG		1	1	1			
15	G	R01 H20 401	LEV		2	2	2			
16	G	R01 E49 242	LEV COIL		1	1	1		LEV(B)	
17	G	—	REPLACE FILTER		1	1	1	(BK00C119G02)		
18	G	R01 E13 428	BYPASS VALVE		1	1	1			
19	G	T7W E36 242	SOLENOID COIL <BYPASS VALVE>		1	1	1		SV	
20	G	R01 E03 418	RESTRICTOR VALVE		1	1	1			
21	G	R01 E50 242	LEV COIL		1	1	1		LEV(A)	
22	G	R01 E06 208	HIGH PRESSURE SWITCH		1	1	1		63H	
23	G	R01 E25 413	CHARGE PLUG		1	1	1			
24	G	R01 E94 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1	1		TH6,7	
25	G	T7W E29 716	TERMINAL BLOCK	6P(L,N,⏚,S1,S2,S3)	1	1	1		TB1	
26	G	—	ELECTRICAL PARTS BOX		1	1	1	(BK00B055G31)		
27	G	R01 E20 259	REACTOR		1	1	1		DCL	
28	G	T7W E40 313	POWER CIRCUIT BOARD		1				P.B.	
	G	T7W E41 313	POWER CIRCUIT BOARD			1			P.B.	
	G	R01 E65 313	POWER CIRCUIT BOARD				1		P.B.	
29	G	T7W E50 315	CONTROLLER CIRCUIT BOARD		1	1			C.B.	
	G	T7W E66 315	CONTROLLER CIRCUIT BOARD				1		C.B.	
30	G	R01 E99 202	THERMISTOR (HEATSINK)		1	1	1		TH8	
31	G	T7W E02 233	ACTIVE FILTER MODULE		1	1			ACTM	
	G	R01 E07 233	ACTIVE FILTER MODULE				1		ACTM	
32	G	T7W E22 346	NOISE FILTER CIRCUIT BOARD		1	1			N.F.	
	G	R01 E18 346	NOISE FILTER CIRCUIT BOARD				1		N.F.	
(33)	G	R01 E06 239	FUSE	250V 6.3A	4	4	4		F1,2,3,4	
(34)	G	R01 H00 202	THERMISTOR (OUTDOOR PIPE)		1	1	1		TH3	
(35)	G	T7W E20 255	MAIN SMOOTHING CAPACITOR		1	1			CB	
	G	R01 E22 255	MAIN SMOOTHING CAPACITOR				1		CB	
(36)	G	T7W E52 202	THERMISTOR (OUTDOOR PIPE)		1	1	1		TH33	

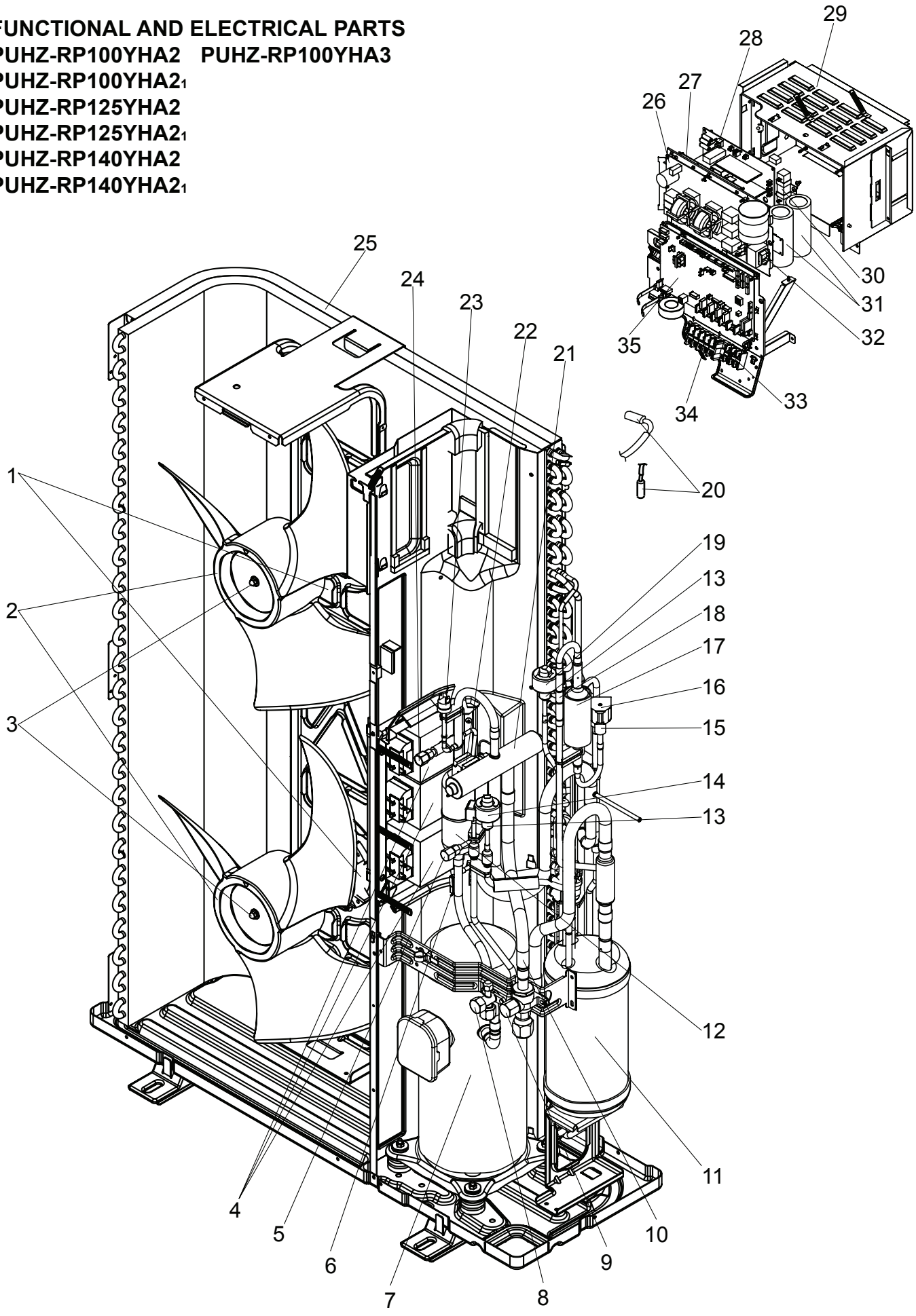
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-RP100VHA3#1
PUHZ-RP125VHA2#2
PUHZ-RP140VHA2#2



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

No.	RoHS	Part No.	Part Name	Specification	Q'ty/set	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
					PUHZ-RP100VHA3#1 PUHZ-RP125,140VHA2#2			
1	G	T7W E27 763	FAN MOTOR		2		MF1,2	
2	G	R01 E06 115	PROPELLER FAN		2			
3	G	R01 E09 097	NUT		2			
4	G	R01 E90 408	HEAT EXCHANGER		1			
5	G	T7W E29 242	SOLENOID COIL <4-WAY VALVE>		1		21S4	
6	G	R01 E32 403	4-WAY VALVE		1			
7	G	R01 E10 467	MUFFLER		1			
8	G	T7W E04 201	THERMISTOR (DISCHARGE)		1		TH4	
9	G	R01 E13 410	STOP VALVE	3/8	1			
10	G	T97 415 765	COMPRESSOR	ANB33FCRMT	1	With RUBBER MOUNTS	MC	
11	G	R01 E43 440	POWER RECEIVER		1			
12	G	R01 E12 410	BALL VALVE	5/8	1			
13	G	R01 32L 450	STRAINER		1			
14	G	R01 E26 413	CHARGE PLUG		1			
15	G	R01 H20 401	LEV		2			
16	G	R01 E49 242	LEV COIL		1		LEV(B)	
17	G	—	REPLACE FILTER		1	(BK00C119G02)		
18	G	R01 E13 428	BYPASS VALVE		1			
19	G	T7W E36 242	SOLENOID COIL <BYPASS VALVE>		1		SV	
20	G	R01 E03 418	RESTRICTOR VALVE		1			
21	G	R01 E50 242	LEV COIL		1		LEV(A)	
22	G	R01 E06 208	HIGH PRESSURE SWITCH		1		63H	
23	G	R01 E25 413	CHARGE PLUG		1			
24	G	R01 E94 202	THERMISTOR (OUTDOOR 2PHASE PIPE, OUTDOOR)		1		TH6,7	
25	G	T7W E29 716	TERMINAL BLOCK	6P (L,N,⏚,S1,S2,S3)	1		TB1	
26	G	—	ELECTRICAL PARTS BOX		1	(BK00B055G31)		
27	G	T7W E17 259	REACTOR		1		DCL	
28	G	R01 E65 313	POWER CIRCUIT BOARD		1		P.B.	
29	G	T7W E69 315	CONTROLLER CIRCUIT BOARD		1		C.B.	
30	G	R01 E99 202	THERMISTOR (HEATSINK)		1		TH8	
31	G	R01 E07 233	ACTIVE FILTER MODULE		1		ACTM	
32	G	R01 E18 346	NOISE FILTER CIRCUIT BOARD		1		N.F.	
㉝	G	R01 E06 239	FUSE	250V 6.3A	4		F1,2,3,4	
㉞	G	R01 H00 202	THERMISTOR (OUTDOOR PIPE)		1		TH3	
㉟	G	R01 E22 255	MAIN SMOOTHING CAPACITOR		1		CB	
㊱	G	T7W E52 202	THERMISTOR (OUTDOOR PIPE)		1		TH33	
㊲	G	T7W E11 201	THERMISTOR (SHELL)		1		TH32	

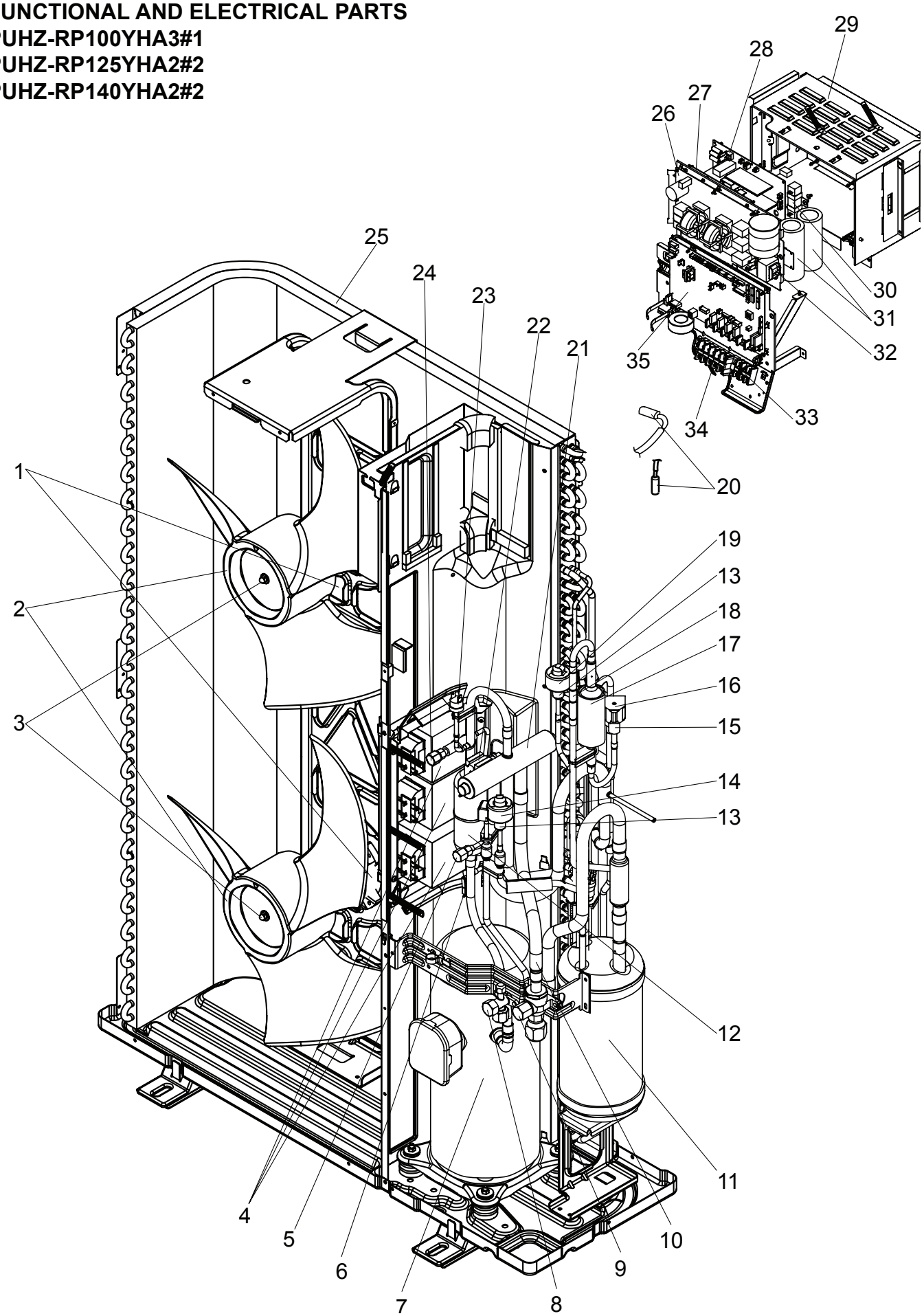
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-RP100YHA2 PUHZ-RP100YHA3
PUHZ-RP100YHA2$_1$
PUHZ-RP125YHA2
PUHZ-RP125YHA2$_1$
PUHZ-RP140YHA2
PUHZ-RP140YHA2$_1$



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

No.	RoHS	Part No.	Part Name	Specification	Q'ty/set PUHZ-RP 100 YHA2	125,140 YHA2	100 YHA2₁	125,140 YHA2₁	100 YHA3	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
1	G	R01 E44 221	FAN MOTOR	EHDS81B86MS1	2	2	2	2			MF1,2	
	G	T7W E27 763	FAN MOTOR						2		MF1,2	
2	G	R01 E08 115	PROPELLER FAN		2	2	2	2	2			
3	G	R01 E09 097	NUT		2	2	2	2	2			
4	G	T7W E12 259	REACTOR		3	3	3	3	3		ACL1,2,3	
5	G	R01 E26 413	CHARGE PLUG		1	1	1	1	1			
6	G	R01 E10 201	THERMISTOR (DISCHARGE)		1	1					TH4	
	G	R01 E14 201	THERMISTOR (DISCHARGE)				1	1	1		TH4	
7	G	T97 415 743	COMPRESSOR	ANV33FDBMT	1					Including RUBBER MOUNT	MC	
	G	T97 415 752	COMPRESSOR	ANV33FDGMT			1				MC	
	G	T97 415 748	COMPRESSOR	ANB33FDFMT		1					MC	
	G	T97 415 753	COMPRESSOR	ANB33FDLMT				1	1		MC	
8	G	R01 E13 410	STOP VALVE	3/8	1	1	1	1	1			
9	G	R01 E12 410	BALL VALVE	5/8	1	1	1	1	1			
10	G	R01 32L 450	STRAINER		1	1	1	1	1			
11	G	R01 E43 440	POWER RECEIVER		1	1	1	1	1			
12	G	R01 E10 467	MUFFLER		1	1	1	1	1			
13	G	R01 H20 401	LEV		2	2	2	2	2			
14	G	R01 E49 242	LEV COIL		1	1	1	1	1		LEV(B)	
15	G	R01 E13 428	BYPASS VALVE		1	1	1	1	1			
16	G	T7W E31 242	SOLENOID COIL <BYPASS VALVE>		1	1	1	1	1		SV	
17	G	—	REPLACE FILTER		1	1	1	1	1	(BK00C119G02)		
18	G	R01 E03 418	RESTRICTOR VALVE		1	1	1	1	1			
19	G	R01 E50 242	LEV COIL		1	1	1	1	1		LEV(A)	
20	G	R01 H01 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1	1	1	1		TH6,7	
21	G	R01 E26 403	4-WAY VALVE		1	1						
	G	R01 E32 403	4-WAY VALVE				1	1	1			
22	G	T7W E24 242	SOLENOID COIL <4-WAY VALVE>		1	1	1	1	1		21S4	
23	G	R01 E06 208	HIGH PRESSURE SWITCH		1	1	1	1	1		63H	
24	G	R01 E25 413	CHARGE PLUG		1	1	1	1	1			
25	G	R01 E90 408	HEAT EXCHANGER		1	1	1	1	1			
26	G	T7W E12 346	NOISE FILTER CIRCUIT BOARD		1	1					N.F.	
	G	T7W E23 346	NOISE FILTER CIRCUIT BOARD				1	1	1		N.F.	
27	G	T7W E54 310	CONVERTER CIRCUIT BOARD		1	1					CONV.B.	
	G	T7W E63 310	CONVERTER CIRCUIT BOARD				1	1	1		CONV.B.	
28	G	T7W E32 313	POWER CIRCUIT BOARD		1	1					P.B.	
	G	T7W E42 313	POWER CIRCUIT BOARD				1	1	1		P.B.	
29	G	—	ELECTRICAL PARTS BOX		1	1	1	1	1	(BK00C410G09)		
30	G	R01 E10 233	RESISTOR		1	1	1	1	1		RS	
31	G	T7W E07 254	MAIN SMOOTHING CAPACITOR		2	2					CB1, CB2	
	G	T7W E21 255	MAIN SMOOTHING CAPACITOR				2	2	2		CB1, CB2	
32	G	T7W E11 259	REACTOR		1	1					ACL4	
	G	R01 E31 259	REACTOR				1	1	1		ACL4	
33	G	R01 E18 246	TERMINAL BLOCK	3P (S1,S2,S3)	1	1	1	1	1		TB2	
34	G	T7W E30 716	TERMINAL BLOCK	5P (L1,L2,L3,N,⏚)	1	1	1	1	1		TB1	
35	G	T7W E44 315	CONTROLLER CIRCUIT BOARD		1	1					C.B.	
	G	T7W E51 315	CONTROLLER CIRCUIT BOARD				1	1			C.B.	
	G	T7W E67 315	CONTROLLER CIRCUIT BOARD						1		C.B.	
㊱	G	R01 E06 239	FUSE	250V 6.3A	4	4	4	4	4		F1,2,3,4	
㊲	G	R01 H00 202	THERMISTOR (OUTDOOR PIPE)		1	1	1	1	1		TH3	
㊳	G	T7W E10 254	CAPACITOR		1	1	1	1	1		CK	
㊴	G	R01 E93 202	THERMISTOR (OUTDOOR PIPE)		1	1					TH33	
	G	T7W E52 202	THERMISTOR (OUTDOOR PIPE)				1	1	1		TH33	

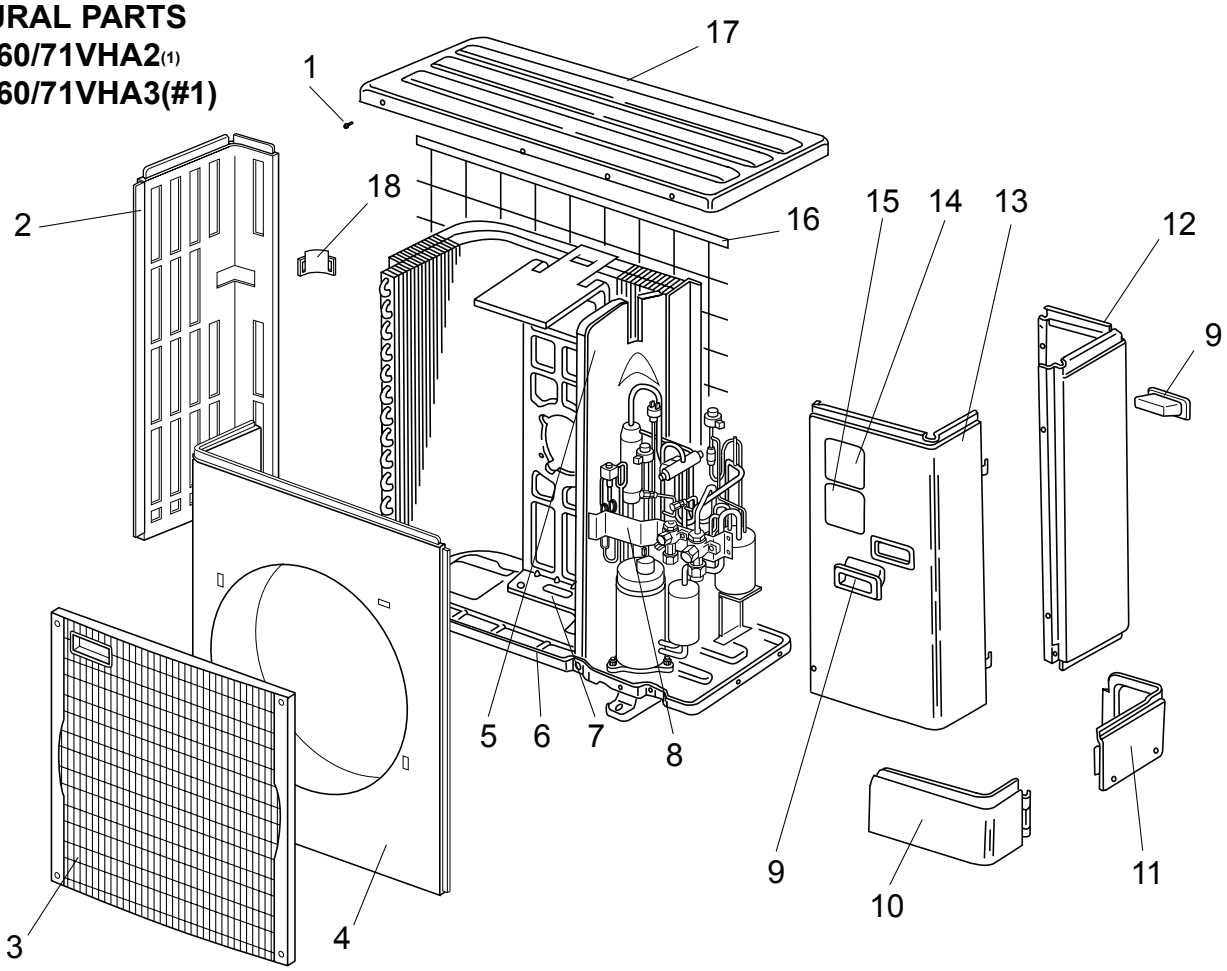
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-RP100YHA3#1
PUHZ-RP125YHA2#2
PUHZ-RP140YHA2#2



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

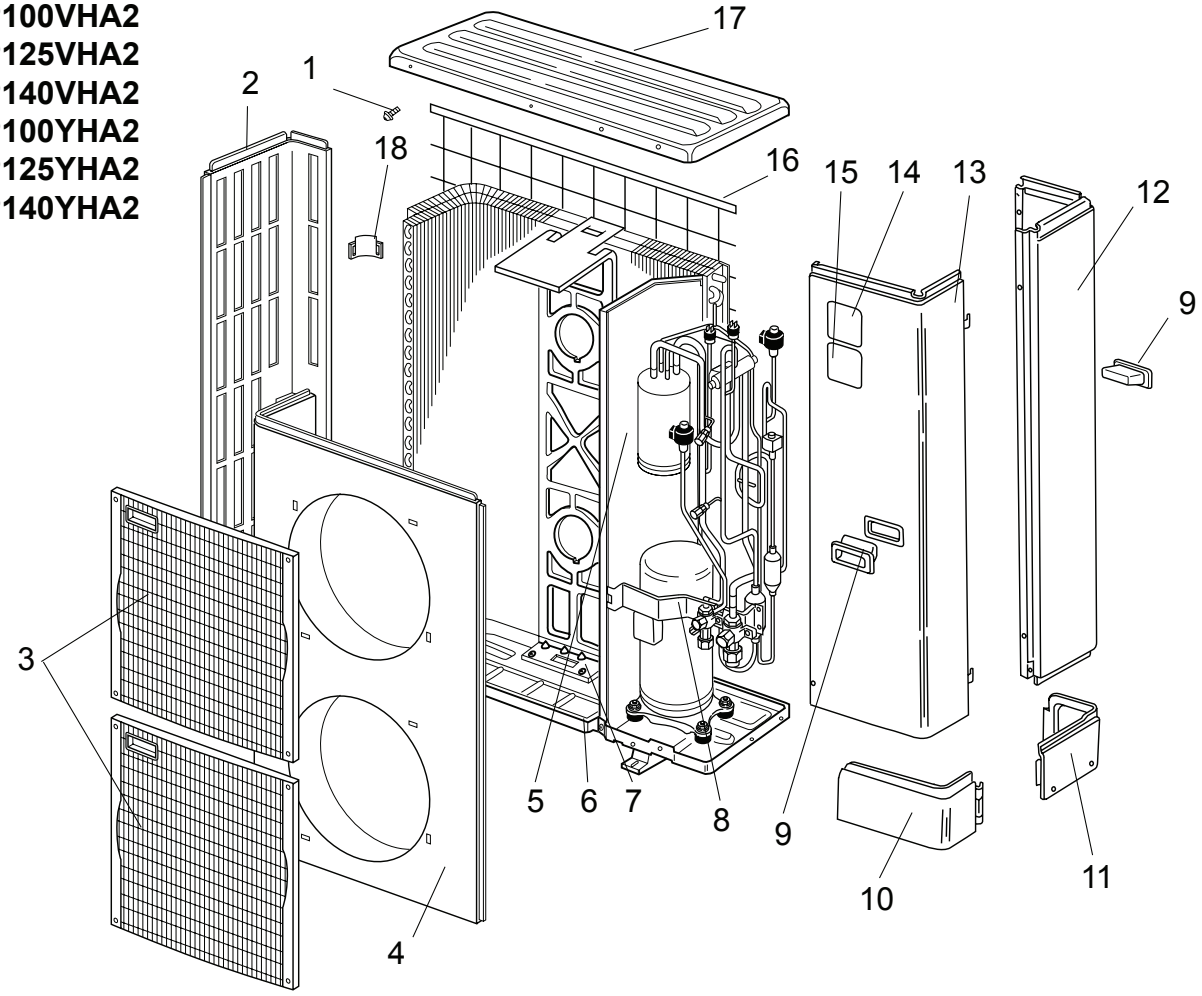
No.	RoHS	Part No.	Part Name	Specification	Q'ty/set	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
					PUHZ-RP100YHA3#1 PUHZ-RP125,140YHA2#2			
1	G	T7W E27 763	FAN MOTOR		2		MF1,2	
2	G	R01 E06 115	PROPELLER FAN		2			
3	G	R01 E09 097	NUT		2			
4	G	T7W E12 259	REACTOR		3		ACL1,2,3	
5	G	R01 E26 413	CHARGE PLUG		1			
6	G	T7W E04 201	THERMISTOR (DISCHARGE)		1		TH4	
7	G	T97 415 766	COMPRESSOR	ANB33FDQMT	1	With RUBBER MOUNTS	MC	
8	G	R01 E13 410	STOP VALVE	3/8	1			
9	G	R01 E12 410	BALL VALVE	5/8	1			
10	G	R01 32L 450	STRAINER		1			
11	G	R01 E43 440	POWER RECEIVER		1			
12	G	R01 E10 467	MUFFLER		1			
13	G	R01 H20 401	LEV		2			
14	G	R01 E49 242	LEV COIL		1		LEV(B)	
15	G	R01 E13 428	BAYPASS VALVE		1			
16	G	T7W E31 242	SOLENOID COIL <BYPASS VALVE>		1		SV	
17	G	—	REPLACE FILTER		1	(BK00C119G02)		
18	G	R01 E03 418	RESTRICTOR VALVE		1			
19	G	R01 E50 242	LEV COIL		1		LEV(A)	
20	G	R01 H01 202	THERMISTOR (OUTDOOR 2PHASE PIPE, OUTDOOR)		1		TH6,7	
21	G	R01 E32 403	4-WAY VALVE		1			
22	G	T7W E24 242	SOLENOID COIL <4-WAY VALVE>		1		21S4	
23	G	R01 E06 208	HIGH PRESSURE SWITCH		1		63H	
24	G	R01 E25 413	CHARGE PLUG		1			
25	G	R01 E90 408	HEAT EXCHANGER		1			
26	G	T7W E23 346	NOISE FILTER CIRCUIT BOARD		1		N.F.	
27	G	T7W E63 310	CONVERTER CIRCUIT BOARD		1		CONV.B.	
28	G	T7W E42 313	POWER CIRCUIT BOARD		1		P.B.	
29	G	—	ELECTRICAL PARTS BOX		1	(BK00C410G09)		
30	G	R01 E10 233	RESISTOR		1		RS	
31	G	T7W E21 255	MAIN SMOOTHING CAPACITOR		2		CB1,CB2	
32	G	R01 E31 259	REACTOR		1		ACL4	
33	G	R01 E18 246	TERMINAL BLOCK	3P (S1,S2,S3)	1		TB2	
34	G	T7W E30 716	TERMINAL BLOCK	5P (L1,L2,L3,N,⏚)	1		TB1	
35	G	T7W E71 315	CONTROLLER CIRCUIT BOARD		1		C.B.	
㊱	G	R01 E06 239	FUSE	250V 6.3A	4		F1,2,3,4	
㊲	G	R01 H00 202	THERMISTOR (OUTDOOR PIPE)		1		TH3	
㊳	G	T7W E10 254	CAPACITOR		1		CK	
㊴	G	T7W E52 202	THERMISTOR (OUTDOOR PIPE)		1		TH33	
㊵	G	T7W E11 201	THERMISTOR (SHELL)		1		TH32	

STRUCTURAL PARTS
PUHZ-RP60/71VHA2(1)
PUHZ-RP60/71VHA3(#1)



No.	RoHS	Part No.	Part Name	Specification	Q'ty/set			Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
					PUHZ-RP60, 71					
					VHA2(1)	VHA3	VHA3#1			
1	G	—	F.ST SCREW	(5×10)	31	31	31	(DG12F536H10)		
2	G	R01 E16 662	SIDE PANEL (L)		1	1	1			
3	G	T7W E03 691	FAN GRILLE		1	1	1			
4	G	T7W E05 667	FRONT PANEL		1	1	1			
5	G	—	SEPARATOR		1	1	1	(BK00C143GA6)		
6	G	R01 E30 686	BASE ASSY		1					
	G	R01 E32 686	BASE ASSY			1	1			
7	G	R01 E30 130	MOTOR SUPPORT		1	1	1			
8	G	—	VALVE BED ASSY		1			(BK00C142G28)		
	G	—	VALVE BED ASSY			1	1	(BK00C375G06)		
9	G	R01 E01 655	HANDLE		2	2	2			
10	G	R01 E12 658	COVER PANEL (FRONT)		1	1	1			
11	G	R01 E11 658	COVER PANEL (REAR)		1	1	1			
12	G	R01 E31 661	SIDE PANEL (R)		1	1				
	G	R01 E46 661	SIDE PANEL (R)				1			
13	G	T7W E07 668	SERVICE PANEL		1	1	1			
14	G	—	LABEL (MITSUBISHI)		1	1	1	(DG79R130H01)		
15	G	—	LABEL (INVERTER)		1	1	1	(BK79C208G02)		
16	G	R01 E06 698	REAR GUARD		1	1	1			
17	G	R01 E14 641	TOP PANEL		1	1	1			
18	G	R01 E02 655	HANDLE		1	1	1			

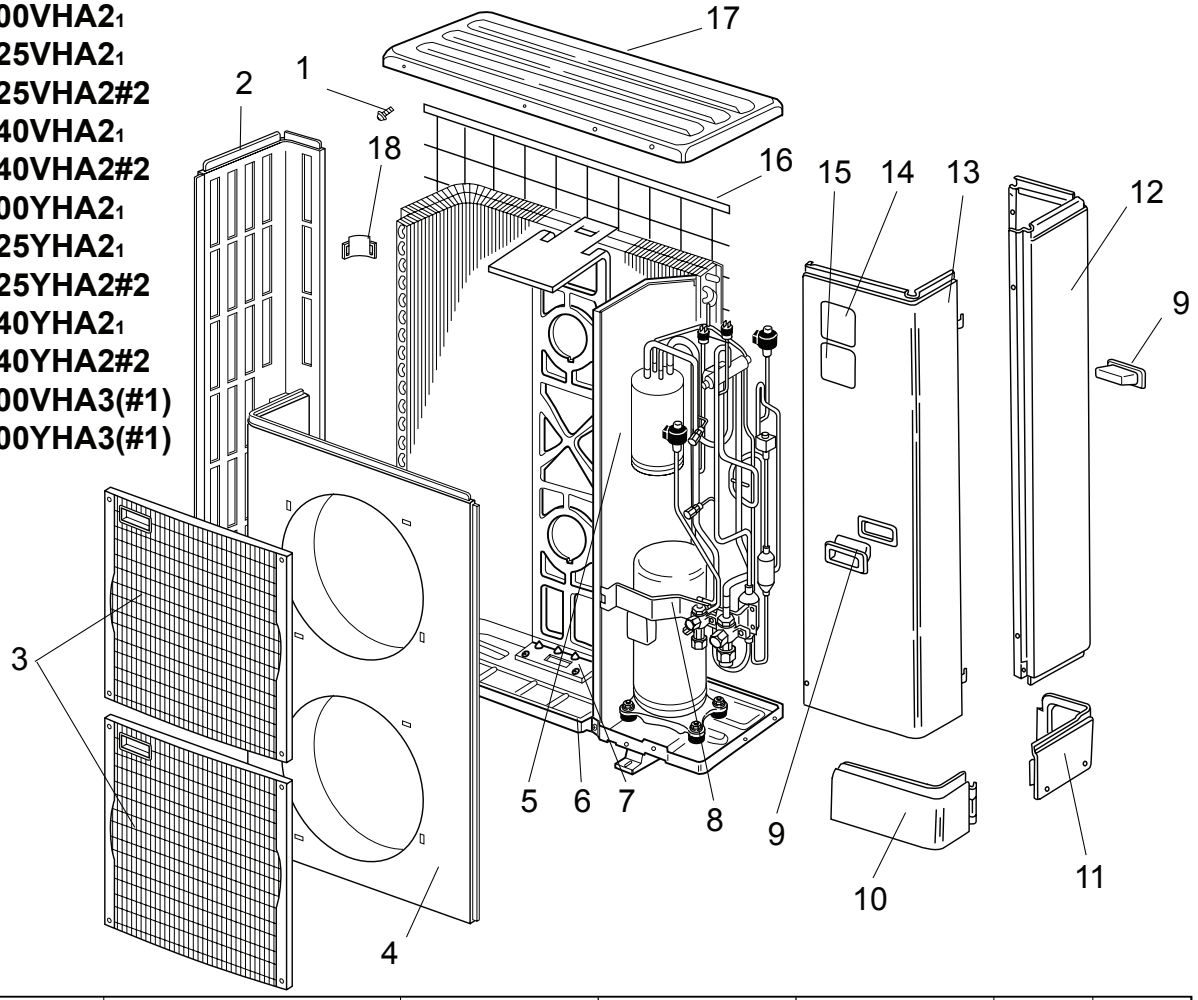
STRUCTURAL PARTS
PUHZ-RP100VHA2
PUHZ-RP125VHA2
PUHZ-RP140VHA2
PUHZ-RP100YHA2
PUHZ-RP125YHA2
PUHZ-RP140YHA2



No.	RoHS	Part No.	Part Name	Specification	Q'ty/set PUHZ-RP 100, 125, 140 VHA2	Q'ty/set PUHZ-RP 100, 125, 140 YHA2	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
1	G	—	F.ST SCREW	(5×10)	38	38	(DG12F536H10)		
2	G	T7W E03 662	SIDE PANEL (L)		1	1			
3	G	T7W E03 691	FAN GRILLE		2	2			
4	G	T7W E06 667	FRONT PANEL		1	1			
5	G	—	SEPARATOR		1		(BK00C143G91)		
	G					1	(BK00C409G06)		
6	G	R01 E31 686	BASE ASSY		1	1			
7	G	R01 E27 130	MOTOR SUPPORT		1	1			
8	G	—	VALVE BED ASSY		1	1	(BK00C142G28)		
9	G	R01 E01 655	HANDLE		2	2			
10	G	R01 E13 658	COVER PANEL (FRONT)		1	1			
11	G	R01 E11 658	COVER PANEL (REAR)		1	1			
12	G	T7W E17 661	SIDE PANEL (R)		1	1			
13	G	T7W E08 668	SERVICE PANEL		1				
	G	T7W E09 668	SERVICE PANEL			1			
14	G	—	LABEL (MITSUBISHI)		1	1	(DG79R130H01)		
15	G	—	LABEL (INVERTER)		1	1	(BK79C208G02)		
16	G	R01 E07 698	REAR GUARD		1	1			
17	G	R01 E14 641	TOP PANEL		1				
	G	R01 E15 641	TOP PANEL			1			
18	G	R01 E02 655	HANDLE		1	1			

STRUCTURAL PARTS

PUHZ-RP100VHA2₁
PUHZ-RP125VHA2₁
PUHZ-RP125VHA2#2
PUHZ-RP140VHA2₁
PUHZ-RP140VHA2#2
PUHZ-RP100YHA2₁
PUHZ-RP125YHA2₁
PUHZ-RP125YHA2#2
PUHZ-RP140YHA2₁
PUHZ-RP140YHA2#2
PUHZ-RP100VHA3(#1)
PUHZ-RP100YHA3(#1)



No.	RoHS	Part No.	Part Name	Specification	Q'ty/set PUHZ-RP100,125,140 VHA2, VHA2#2 VHA3(#1)	Q'ty/set PUHZ-RP100,125,140 YHA2, YHA2#2 YHA3(#1)	Remarks (Drawing No.)	Wiring Diagram Symbol	Recommended Q'ty
1	G	—	F.ST SCREW	(5×10)	38	38	(DG12F536H10)		
2	G	R01 E20 662	SIDE PANEL (L)		1	1			
3	G	T7W E03 691	FAN GRILLE		2	2			
4	G	T7W E06 667	FRONT PANEL		1	1			
5	G	—	SEPARATOR		1		(BK00C143GB6)		
	G					1	(BK00C409G12)		
6	G	R01 E31 686	BASE ASSY		1	1			
7	G	R01 E27 130	MOTOR SUPPORT		1	1			
8	G	—	VALVE BED ASSY		1	1	(BK00C142G28)		
9	G	R01 E01 655	HANDLE		2	2			
10	G	R01 E13 658	COVER PANEL (FRONT)		1	1			
11	G	R01 E11 658	COVER PANEL (REAR)		1	1			
12	G	R01 E34 661	SIDE PANEL (R)		1	1			
13	G	T7W E08 668	SERVICE PANEL		1				
	G	T7W E09 668	SERVICE PANEL			1			
14	G	—	LABEL (MITSUBISHI)		1	1	(DG79R130H01)		
15	G	—	LABEL (INVERTER)		1	1	(BK79C208G02)		
16	G	R01 E07 698	REAR GUARD		1	1			
17	G	R01 E14 641	TOP PANEL		1				
	G	R01 E15 641	TOP PANEL			1			
18	G	R01 E02 655	HANDLE		1	1			

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