

December 2005

No.OC334 **REVISED EDITION-A**

SERVICE MANUAL

R410A

Outdoor unit [model names] PUHZ-RP35VHA PUHZ-RP50VHA

PUHZ-RP60VHA

PUHZ-RP71VHA

PUHZ-RP100VHA PUHZ-RP125VHA

PUHZ-RP140VHA

PUHZ-RP100YHA PUHZ-RP125YHA PUHZ-RP140YHA



Revision:

PUHZ-RP50VHA1 PUHZ-RP60VHA1 PUHZ-RP71VHA1 PUHZ-RP125VHA1 PUHZ-RP140VHA1 are added in REVISED EDITION-A.

•Some descriptions have been modified.

•Please void OC334

NOTE

This manual describes only service data of the outdoor units.



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ТΜ Mr.SLIM

PUHZ-RP35/50VHA PUHZ-RP50VHA1



Fan motor fixing screws





OPERATING PROCEDURE	PHOTOS
 8. Removing the four-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 solenoid valve coil <four-way valve=""> (See photo 8.) </four-way> (7) Collect the refrigerant. (8) Remove the welded part of four-way valve. Note 1: Collect 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 four-way valve, cover it with a we 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 Linear expansion valve coil (LEV A) Linear expansion valve coil (LEV B) Solenoid valve coil <four-way valve=""> (21S4)</four-way>
 9. Removing linear expansion valve Remove the service panel. (See photo 2.) Remove the top panel. (See photo 1.) Remove the front panel. (See photo 1.) Remove the back panel. (See photo 1.) Remove the electrical parts box. (See photo 5.) Remove the linear expansion valve coil . (See photo 8.) Collect the refrigerant. Remove the welded part of linear expansion valve. Note 1: Collect 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 linear expansion 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.	Linear expansion valve Linear expansion valve tinear
 10. Removing the high pressure switch (63H) Remove the service panel. (See photo 2.) Remove the top panel. (See photo 1.) Remove the front panel. (See photo 1.) Remove the back panel. (See photo 1.) Remove the electrical parts box. (See photo 5.) Pull out the lead wire of high pressure switch. Collect the refrigerant. Remove the welded part of high pressure switch. Note 1: Collect 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 Reactor fixing screw Reactor (ACL) Electrical parts box



PUHZ-RP60/ 71VHA PUHZ-RP60/ 71VHA1



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, TH6 and TH7 (red), on the controller circuit board in the electrical parts box. </outdoor> (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.</outdoor> Note: In case of replacing thermistor <outdoor 2-phase="" pipe=""> (TH6), replace it together with thermistor <outdoor>. Refer to No.5 below to remove thermistor <outdoor>.</outdoor></outdoor></outdoor> 	Photo 4 Controller Circuit board (C.B.) Clamp					
 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.</outdoor> </outdoor> 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="">.</outdoor></outdoor></outdoor> 	Photo 5 Image: state stat					
 6. Removing the thermistor <outdoor pipe=""> (TH3) and thermistor <discharge> (TH4) (1) Remove the service panel. (See figure 1.) (2) Disconnect the connectors, TH3 (white) and TH4 (white), 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) and thermistor <discharge> (TH4) from the sensor holder.</discharge></outdoor> </discharge></outdoor> 	Photo 6					



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) Collect the refrigerant. (7) Remove the welded part of bypass valve. Note 1: Collect refrigerant without spreading it in the air. Note 2: The welded part can be removed easily by removing the right side panel. 	Photo 9 Solenoid valve coil Linear expansion valve coil (LEV B) Linear expansion valve coil (LEV A) (SV) Bypass valve Linear expansion valve Linear expansion valve Solenoid valve coil Solenoid valve coil Solenoid valve coil Four-way valve (21S4)
 11. Removing the high pressure switch (63H) Remove the service panel. (See figure 1.) Remove the top panel. (See figure 1.) Remove the electrical parts box. (See photo 3.) Remove 3 right side panel fixing screws (5 × 10) in the rear of the unit and remove the right side panel. Pull out the lead wire of high pressure switch. Collect the refrigerant. Remove the welded part of high pressure switch. Note 1: Collect 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 Lead wire of high pressure switch Image: High pressure switch (63H)
 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 Reactor fixing screw Reactor ACL: Electrical parts box



PUHZ-RP100/ 125/ 140VHA PUHZ-RP125/ 140VHA1





	PUOTOS
OPERATING PROCEDURE	PHOTOS
 and linear expansion valve coil (LEV(A), LEV(B)) (1) Remove the service panel. (See figure 1.) (2) Remove the top panel. (See figure 1.) (3) Remove four-way valve solenoid coil fixing screw (M4 × 6). (4) Remove the solenoid valve coil <four-way valve=""> by sliding the coil toward you.</four-way> (5) Disconnect the connector 21S4 (green) on the controller circuit board in the electrical parts box. [Removing the linear expansion valve coil J (3) Remove the linear expansion valve 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. 	Solenoid valve coil Carsen Carsen Carsen Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Solenoid Sole
 8. Removing the four-way valve (1) Remove the service panel. (See figure 1.) (2) 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. (4) Remove 4 right side panel fixing screw (5 × 10) in the rear of the unit and then remove the right side panel. (5) Remove the solenoid valve coil <four-way valve="">.</four-way> (See photo 7.) (6) Collect the refrigerant. (7) Remove the welded part of four-way valve. Note 1: Collect 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 four-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 linear expansion valve (1) Remove 4 right side panel fixing screws (5 × 10) and 4 ball valve and stop valve fixing screws (5 × 10) and 4 ball valve and stop valve fixing screws (5 × 10) and 4 ball valve and stop valve fixing screws (5 × 10) and 4 ball valve and stop valve fixing screws (5 × 10) and 4 ball valve and stop valve fixing screws (5 × 10) and 4 ball valve and stop valve fixing screws (5 × 10) in the rear of the unit and then remove the right side panel. (5) Remove the linear expansion valve. (See photo 7.) (6) Collect the refrigerant. (7) Remove the welded part of linear expansion valve. Note 1: Collect refrigerant. (7) Remove the welded part of linear expansion valve. 	Photo 8 Charge plug (High pressure) Linear expansion (Lev B) Linear expansion linear expansion value Linear expansion value Linear expansion value Linear expansion Courter of the state of the sta







PUHZ-RP100YHA PUHZ-RP125YHA PUHZ-RP140YHA

From the previous page.





OPERATING PROCEDURE	PHOTOS
 8. Removing the solenoid valve coil <four-way valve=""> (21S4), and linear expansion valve coil (LEV(A), LEV(B))</four-way> (1) Remove the service panel. (See figure 1.) 	Photo 13
(2) Remove the top panel. (See figure 1.)	Solenoid valve coil <four-way valve=""> Linear expansion valve coil (LEV A)</four-way>
 [Removing the solenoid valve coil <four-way valve="">]</four-way> (3) Remove four-way valve solenoid coil fixing screw (M4 × 6). (4) Remove the solenoid valve coil <four-way valve=""> by sliding the coil toward you.</four-way> (5) Disconnect the connector 21S4 (green) on the controller circuit board in the electrical parts box. [Removing the linear expansion valve coil] (3) Remove the linear expansion valve 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. 	(21S4) Four-way valve Solenoid valve coil <four-way valve=""> fixing screw</four-way>
 9. Removing the four-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 	Photo 14 Charge plug Linear expansion valve coil (LEV-A)
 valve and stop valve fixing screws (5 × 16) and then remove the valve bed. (4) Remove 4 right side panel fixing screw (5 × 10) in the rear of the unit and then remove the right side panel. (5) Remove the solenoid valve coil <four-way valve="">. (See photo 13.)</four-way> (6) Collect the refrigerant. (7) Remove the welded part of four-way valve. Note 1: Collect 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 four-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. 	(High pressure) Linear expansion valve coil
 Removing linear expansion valve Remove the service panel. (See figure 1.) Remove the top panel. (See figure 1.) 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. Remove 4 right side panel fixing screw (5 × 10) in the rear of the unit and then remove the right side panel. Remove the linear expansion valve. (See photo 13.) Collect the refrigerant. Remove the welded part of linear expansion valve. 	(LEV-B) Linear expansion valve
 Note 1: Collect 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 linear expansion 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 pip-es are not oxidized. 	Charge plug (Low pressure)







PARTS LIST 16

FUNCTIONAL PARTS PUHZ-RP35/ 50VHA PUHZ-RP50VHA1



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No.			Part No. Part Name		Specification	Q'ty/set PUHZ-RP		Remarks	Diaman	Recom- mended	Pr	ice
					•	35/50VHA 50VHA1		(Drawing No.)	Symbol	Q'ty	Unit	Amount
1	R01	E40	221	FAN MOTOR		1	1		MF1			
2	R01	E02	115	PROPELLER FAN		1	1					
3	R01	E04	097	NUT		1	1					
4	R01	E09	467	MUFFLER		1	1					
5	Т97	420	210	MOTOR FOR COMPRESSOR	SNB130FLBH Including RUBBER MOUNT	1	1		МС			
6	R01	E03	201	THERMISTOR (DISCHARGE)		1	1		TH4			
7	R01	E15	440	POWER RECEIVER		1	1					
8	R01	30L	450	STRAINER		1	1					
	R01	E08	410	STOP VALVE (GAS)	1/2	1						
9	R01	E11	410	STOP VALVE (GAS)	1/2		1					
10	R01	E08	411	STOP VALVE (LQUID)	1/4	1	1					
11	R01	E56	202	THERMISTOR (OUTDOOR PIPE)		1	1		тнз			
	T7W	E11	242	SOLENOID VALVE COIL (FOUR-WAY VALVE)		1			21S4			
12	T7W	E16	242	SOLENOID VALVE COIL (FOUR-WAY VALVE)			1		21S4			
13	R01	E39	401	EXPANSION VALVE		2	2					
14	R01	E16	242	LINEAR EXPANSION VALVE COIL		1	1		LEV(A)			
15	R01	E10	413	CHARGE PLUG		1	1					
40	T7W	E02	208	HIGH PRESSURE SWITCH		1			63H			
16	R01	E04	208	HIGH PRESSURE SWITCH			1		63H			
17	R01	E08	403	FOUR-WAY VALVE		1	1					
18	R01	E17	242	LINEAR EXPANSION VALVE COIL		1	1		LEV(B)			
19	R01	E69	202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1		TH6,7			
20	R01	E06	259	REACTOR		1	1		ACL			
21	T7W	E21	716	TERMINAL BLOCK	6P(L,N,⊕,S1,S2,S3)	1	1		TB1			
22	T7W	E05	346	NOISE FILTER		1			N.F.			
22	T7W	E11	346	NOISE FILTER			1		N.F.			
23	T7W	E28	315	CONTROLLER CIRCUIT BOARD		1			C.B.			
23	T7W	E38	315	CONTROLLER CIRCUIT BOARD			1		C.B.			
24	T7W	E17	313	POWER CIRCUIT BOARD		1			P.B.			
24	T7W	E19	313	POWER CIRCUIT BOARD			1		P.B.			
25	R01	E65	202	THERMISTOR (HEAT SINK)		1	1		TH8			
26		_		ELECTRICAL PARTS BOX		1	1	(RG00N040G12)				
27	R01	E48	408	HEAT EXCHANGER		1	1					
(28)	T7W	520	239	FUSE	250V 6.3A	4			F1,2,3,4			
20	R01	E02	239	FUSE	250V 6.3A		4		F1,2,3,4			



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

			101 15	is circled is not shown in the figi		Q'ty/set					Price	
No.	P	art No	art No. Part Name		Specification	PUHZ-F		Remarks	Wining Diagram	Recom- mended	Pr	ice
						VHA	VHA ₁	(Drawing No.)	Symbol	Q'ty	Unit	Amount
	R01	E41	221	FAN MOTOR		1			MF1			
1	T7W	E27	763	FAN MOTOR	EHDS81A86MS		1		MF1			
2	R01	E01	115	PROPELLER FAN		1	1					
3	R01	E02	097	NUT		1	1					
4		_		ELECTRICAL PARTS BOX		1	1	(BK00B055G21)				
5	T7W	E00	242	SOLENOID VALVE COIL <bypass valve=""></bypass>		1			sv			
	T7W	E15	242	SOLENOID VALVE COIL <bypassvalve></bypassvalve>			1		SV			
6	R01	E03	428	BYPASS VALVE		1						
Ů	R01	E11	428	BYPASS VALVE			1					
7	R01	E15	425	CAPILLARY TUBE	ϕ 4.0 X ϕ 2.4 X 500mm	1	1					
8	R01	E16	425	CAPILLARY TUBE	ϕ 2.5 X ϕ 0.6 X 1000mm	1	1					
9	R01	17T	201	THERMISTOR (DISCHARGE)		1	1		TH4			
10	R01	E10	413	CHARGE PLUG		2	2					
11	Т97	410	240	MOTOR FOR COMPRESSOR	TNB220FMBH Including RUBBER MOUNT	1	1		мс			
12	R01	E71	202	THERMISTOR (OUTDOOR PIPE)		1	1		TH3			
13	R01	E09	410	STOP VALVE	3/8	1	1					
14	R01	E05	410	BALL VALVE	5/8	1	1					
15	R01	36L	450	STRAINER		1	1					
16	R01	E13	440	POWER RECEIVER		1	1					
17	R01	E09	403	FOUR-WAY VALVE		1	1					
18	T7W	E11	242	SOLENOID VALVE COIL <four-way valve=""></four-way>		1	1		21S4			
19	R01	E34	401	EXPANSION VALVE		2	2					
20	R01	E16	242	LINEAR EXPANSION VALVE COIL		1	1		LEV(A)			
21	R01	E17	242	LINEAR EXPANSION VALVE COIL		1	1		LEV(B)			
22	T7W	E43	202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1		TH6,7			
	T7W	E02	208	HIGH PRESSURE SWITCH		1			63H			
23	R01	E04	208	HIGH PRESSURE SWITCH			1		63H			
24	R01	E01	490	OIL SEPARATOR		1	1					
25	R01	E17	259	REACTOR		1	1		ACL			
20	T7W	E03	346	NOISE FILTER CIRCUIT BOARD		1			N.F.			
26	T7W	E13	346	NOISE FILTER CIRCUIT BOARD			1		N.F.			
27	T7W	E28	315	CONTROLLER CIRCUIT BOARD		1			С.В.			
27	T7W	E38	315	CONTROLLER CIRCUIT BOARD			1		С.В.			
28	R01	E65	202	THERMISTOR (HEAT SINK)		1	1		TH8			
20	T7W	E18	313	POWER CIRCUIT BOARD		1			P.B.			
29	T7W	E20	313	POWER CIRCUIT BOARD			1		P.B.			
30	R01	E44	408	HEAT EXCHANGER		1	1					
31	T7W	E16	716	TERMINAL BLOCK	6P(L,N,⊕,S1,S2,S3)	1	1		TB1			
<u></u>	T7W	520	239	FUSE	250V 6.3A	4			F1,2,3,4			
(32)	R01	E02	239	FUSE	250V 6.3A		4		F1,2,3,4			



				Q'ty/set					Pr	ice
No.	o. Part No.	rt No. Part Name	Specification	PUHZ-RP		Remarks	Wining Diagram	Recom- mended		
NO.	Tart NO.	i alt Name	Specification	100/125/140	125/140	(Drawing No.)	Symbol	Q'ty	Unit	Amount
				VHA	VHA 1				<u> </u>	
1	R01 E41 221	FAN MOTOR		2			MF1,2			
_	T7W E27 763	FAN MOTOR			2		MF1,2			
2	R01 E01 115	PROPELLER FAN		2	2					
3	R01 E02 097	NUT		2	2					
4	R01 E58 408	HEAT EXCHANGER		1	1					
5	T7W A01 242	SOLENOID COIL <four-way valve=""></four-way>		1			21S4			
5	T7W E11 242	SOLENOID COIL <four-way valve=""></four-way>			1		21S4			
_	R01 E24 403	FOUR-WAY VALVE		1						
6	R01 E26 403	FOUR-WAY VALVE			1					
7	R01 E05 467	MUFFLER		1	1					
8	R01 17T 201	THERMISTOR (DISCHARGE)		1	1		TH4			
9	R01 E09 410	STOP VALVE	3/8	1	1					
			ANV33FDDMT		4					
10	197 410 745	MOTOR FOR COMPRESSOR	Including RUBBER MOUNT	1	1		MC			
11	R01 E28 440	POWER RECEIVER	KOBBER MOORT	1	1					
12	R01 E05 410	BALL VALVE	5/8	1	1					
	R01 36L 450		5/0	1	1					
		CHARGE PLUG		1	1					
		EXPANSION VALVE		2	2					
		LOW PRESSURE SWITCH		-			63L		<u> </u>	
		LINEAR EXPANSION VALVE COIL		1	1		LEV(B)		<u> </u>	
18				1	1	(BK00C119G02)				
		BYPASS VALVE		1	1					
		SOLENOID VALVE COIL <bypass valve=""></bypass>		1	1		SV		<u> </u>	
		RESTRICTOR VALVE		1	1		37		<u> </u>	
		LINEAR EXPANSION VALVE COIL		1	1				<u> </u>	
22				1	•		LEV(A)		<u> </u>	
23				•	4		63H		<u> </u>	
24		HIGH PRESSURE SWITCH		1	1		63H		<u> </u>	
		CHARGE PLUG		1	1				<u> </u>	
		THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1		TH6,7		<u> </u>	
	17W E16 716		6P(L,N,⊕,S1,S2,S3)	1	1		TB1		<u> </u>	
27		ELECTRICAL PARTS BOX		1	1	(BK00B055G25)			<u> </u>	
	T7W E02 259			1	1		52C		<u> </u>	
	T7W E01 234			1	1		RS		<u> </u>	
30	T7W E03 259			1	1		DCL		<u> </u>	
31		POWER CIRCUIT BOARD		1			P.B.		<u> </u>	
Ľ.		POWER CIRCUIT BOARD			1		P.B.		<u> </u>	
32		CONTROLLER CIRCUIT BOARD		1			C.B.		<u> </u>	
		CONTROLLER CIRCUIT BOARD			1		C.B.		<u> </u>	
33	R01 E65 202	THERMISTOR (HEAT SINK)		1	1		TH8		<u> </u>	
34		ACTIVE FILTER MODULE		1	1		ACTM		<u> </u>	
35	T7W E10 346	NOISE FILTER CIRCUIT BOARD		1			N.F.		<u> </u>	
33	T7W E14 346	NOISE FILTER CIRCUIT BOARD			1		N.F.		<u> </u>	
20	T7W 520 239	FUSE	250V 6.3A	4			F1,2,3,4			
(36)	R01 E02 239	FUSE	250V 6.3A		4		F1,2,3,4			
37	R01 E66 202	THERMISTOR (OUTDOOR PIPE)		1	1		TH3			
38	T7W E05 254	MAIN SMOOTHING CAPACITOR		1	1		СВ			

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



		are circled are not snow		(Q'ty/se	t				Dr	ice
					UHZ-R		Remarks	Wining	Recom-		ice
No.	Part No.	Part Name	Specification	100	125 YHA	140	(Drawing No.)	Diagram Symbol	mended Q'ty	Unit	Amount
1	R01 E41 221	FAN MOTOR		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	MOTOR FOR COMPRESSOR	ANV33FDBMT Including RUBBER MOUNT	1	1	1		МС			
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 25T 209	LOW PRESSURE SWITCH		1	1	1		63L			
14	R01 E55 401	EXPANSION VALVE		2	2	2					
15	R01 E26 242	LINEAR EXPANSION VALVE COIL		1	1	1		LEV(B)			
16	R01 E11 428	BYPASS VALVE		1	1	1					
17	T7W E10 242	SOLENOID VALVE COIL <bypass valve=""></bypass>		1	1	1		SV			
18	—	REPLACE FILTER		1	1	1	(BK00C119G02)				
19	R01 E02 418	RESTRICTOR VALVE		1	1	1					
20	T7W E09 242	LINEAR EXPANSION VALVE COIL		1	1	1		LEV(A)			
21	R01 E75 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1	1		TH6,7			
22	R01 E24 403	FOUR-WAY VALVE		1	1	1					
23	T7W A01 242	SOLENOID COIL <four-way valve=""></four-way>		1	1	1		21S4			
24	T7W E02 208	HIGH PRESSURE SWITCH		1	1	1		63H			
25	R01 E08 413	CHARGE PLUG		1	1	1					
26	R01 E58 408	HEAT EXCHANGER		1	1	1					
27	T7W E08 346	NOISE FILTER CIRCUIT BOARD		1	1	1		N.F.			
28	T7W E39 310	CONVERTER CIRCUIT BOARD		1	1	1		CONV.B.			
29	T7W E13 313	POWER CIRCUIT BOARD		1	1	1		P.B.			
30	_	ELECTRICAL PARTS BOX		1	1	1	(BK00C410G04)				
31	R01 E08 233	RESISTOR		1	1	1		RS			
32	T7W E03 254	MAIN SMOOTHING CAPACITOR		2	2	2		CB1, CB2			
33	T7W E06 259	REACTOR		1	1	1		ACL4			
34	T7W E22 716	TERMINAL BLOCK	3P (S1,S2,S3)	1	1	1		TB2			
35	T7W E06 716	TERMINAL BLOCK	5P (L1,L2,L3,N,⊕)	1	1	1		TB1			
36	T7W E29 315	CONTROLLER CIRCUIT BOARD		1	1	1		С.В.			
\sim	R01 E02 239		250V 6.3A	4	4	4		F1,2,3,4			
38)	R01 E66 202	THERMISTOR (OUTDOOR PIPE)		1	1	1		TH3			
39	T7W E06 254	CAPACITOR		1	1	1		СК			

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

STRUCTURAL PARTS PUHZ-RP35/ 50VHA PUHZ-RP50VHA1



	No. Part No.		No	No. Pa	Dari Marra	One sifts at is a	Q'ty/set	Remarks	Wining	Recom-	Pr	ice
NO.).	Part Name Si		PUHZ-RP35/50VHA PUHZ-RP50VHA1	(Drawing No.)	Diagram Symbol	Q'ty	Unit	Amount		
1	R01	E10	691	GRILLE		1						
2	R01	E02	668	FRONT PANEL		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	(Z504K189H37)					



No.						Q'ty	/set				Price	
	Part No.			Part Name	Specification		Z-RP	Remarks	Wining Diagram Symbol	Recom- mended Q'ty	Frice	
	Fait No.			r ait Naille	opecification	60/ 71		(Drawing No.)			Unit	Amount
						VHA	VHA1		-		onic	Amount
1		—		F.ST SCREW	(5×10)	31	31	(DG12F536H10)				
2	R01	E01	662	SIDE PANEL (L)		1	1					
3	T7W	E02	691	FAN GRILLE		1	1					
4	T7W	E01	667	FRONT PANEL		1	1					
5		_		SEPARATOR		1	1	(BK00C143G71)				
6	R01	E13	686	BASE ASSY		1	1					
7	R01	E06	130	MOTOR SUPPORT		1	1					
8		_		VALVE BED ASSY		1	1	(BK00C142G16)				
9	R01	30L	655	HANDLE		2	2					
10	R01	E02	658	COVER PANEL (FRONT)		1	1					
	R01	E01	658	COVER PANEL (REAR)		1						
11	R01	E05	658	COVER PANEL (REAR)			1					
12	R01	E03	661	SIDE PANEL (R)		1	1					
13	T7W	E02	668	SERVICE PANEL		1	1					
14		_		LABEL (MITSUBISHI)		1	1	(DG79R130H01)				
15		_		LABEL (INVERTER)		1	1	(BK79C208G02)				
16	R01	E00	698	REAR GUARD		1	1					
17	R01	E04	641	TOP PANEL		1	1					
18	R01	E00	655	HANDLE		1	1					



No.						Q'ty/set						Price	
	Part No.			Part Name	Specificatio	PUHZ-RP			Remarks	Wining Diagram			
				Fart Name	Specificatio	100/ 125/ 140 125			(Drawing No.)	Symbol		Unit	Amount
						VHA	YHA	VHA ₁					
1		—		F.ST SCREW	(5×10)	38	38	38	(DG12F536H10)				
2	R01	E02	662	SIDE PANEL (L)		1	1	1					
3	T7W	E02	691	FAN GRILLE		2	2	2					
4	T7W	E02	667	FRONT PANEL		1	1	1					
5		_		SEPARATOR		1	1	1	VHA (BK00C143G78) YHA (BK00C409G03)				
6	R01	E14	686	BASE ASSY		1	1	1					
7	R01	E25	130	MOTOR SUPPORT		1	1	1					
8		_		VALVE BED ASSY		1	1	1	(BK00C142G16)				
9	R01	30L	655	HANDLE		2	2	2					
10	R01	E00	658	COVER PANEL (FRONT)		1	1						
	R01	E04	658	COVER PANEL (FRONT)				1					
11	R01	E01	658	COVER PANEL (REAR)		1	1						
	R01	E05	658	COVER PANEL (REAR)				1					
12	T7W	E15	661	SIDE PANEL (R)		1	1	1					
13	T7W	E03	668	SERVICE PANEL		1		1					
	T7W	E04	668	SERVICE PANEL			1						
14		_		LABEL (MITSUBISHI)		1	1	1	(DG79R130H01)				
15		—		LABEL (INVERTER)		1	1	1	(BK79C208G02)				
16	R01	E01	698	REAR GUARD		1	1	1					
17	R01	E04	641	TOP PANEL		1		1					
	R01	E08	641	TOP PANEL			1						
18	R01	E00	655	HANDLE		1	1	1					
						40	-						

Mr.SUM™



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