

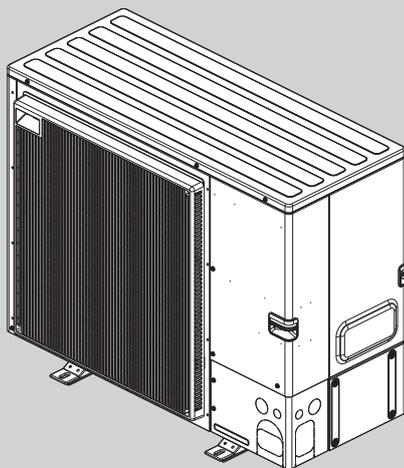
**Outdoor unit
[Model Name]**
[Service Ref.]

| | |
|-----------------|---------------------------|
| PUZ-ZM100VDA | PUZ-ZM100VDA.TH |
| PUZ-ZM100VDA-ET | PUZ-ZM100VDA-ET.TH |
| PUZ-ZM125VDA | PUZ-ZM125VDA.TH |
| PUZ-ZM125VDA-ET | PUZ-ZM125VDA-ET.TH |
| PUZ-ZM140VDA | PUZ-ZM140VDA.TH |
| PUZ-ZM140VDA-ET | PUZ-ZM140VDA-ET.TH |
| PUZ-ZM100YDA | PUZ-ZM100YDATH |
| PUZ-ZM100YDA-ET | PUZ-ZM100YDA-ET.TH |
| PUZ-ZM125YDA | PUZ-ZM125YDA.TH |
| PUZ-ZM125YDA-ET | PUZ-ZM125YDA-ET.TH |
| PUZ-ZM140YDA | PUZ-ZM140YDA.TH |
| PUZ-ZM140YDA-ET | PUZ-ZM140YDA-ET.TH |

Revision:

- Some descriptions have
- been modified in REVISED EDITION-B.

OCB832A is void.



PUZ-ZM100VDA(-ET).TH
 PUZ-ZM125VDA(-ET).TH
 PUZ-ZM140VDA(-ET).TH
 PUZ-ZM100YDA(-ET).TH
 PUZ-ZM125YDA(-ET).TH
 PUZ-ZM140YDA(-ET).TH

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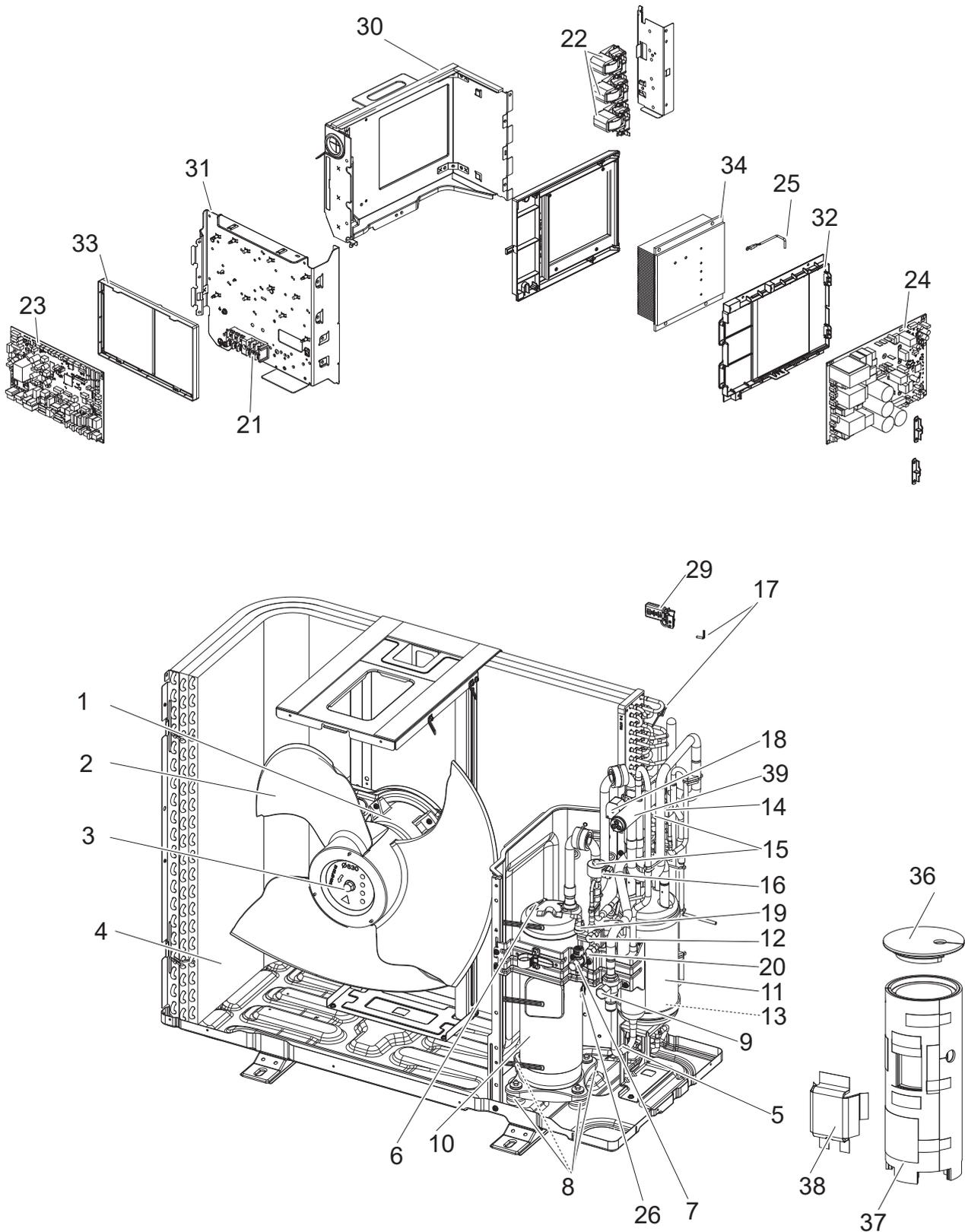
SERVICE MANUAL (OCH832)

FUNCTIONAL AND ELECTRICAL PARTS

PUZ-ZM100VDA(-ET).TH

PUZ-ZM125VDA(-ET).TH

PUZ-ZM140VDA(-ET).TH

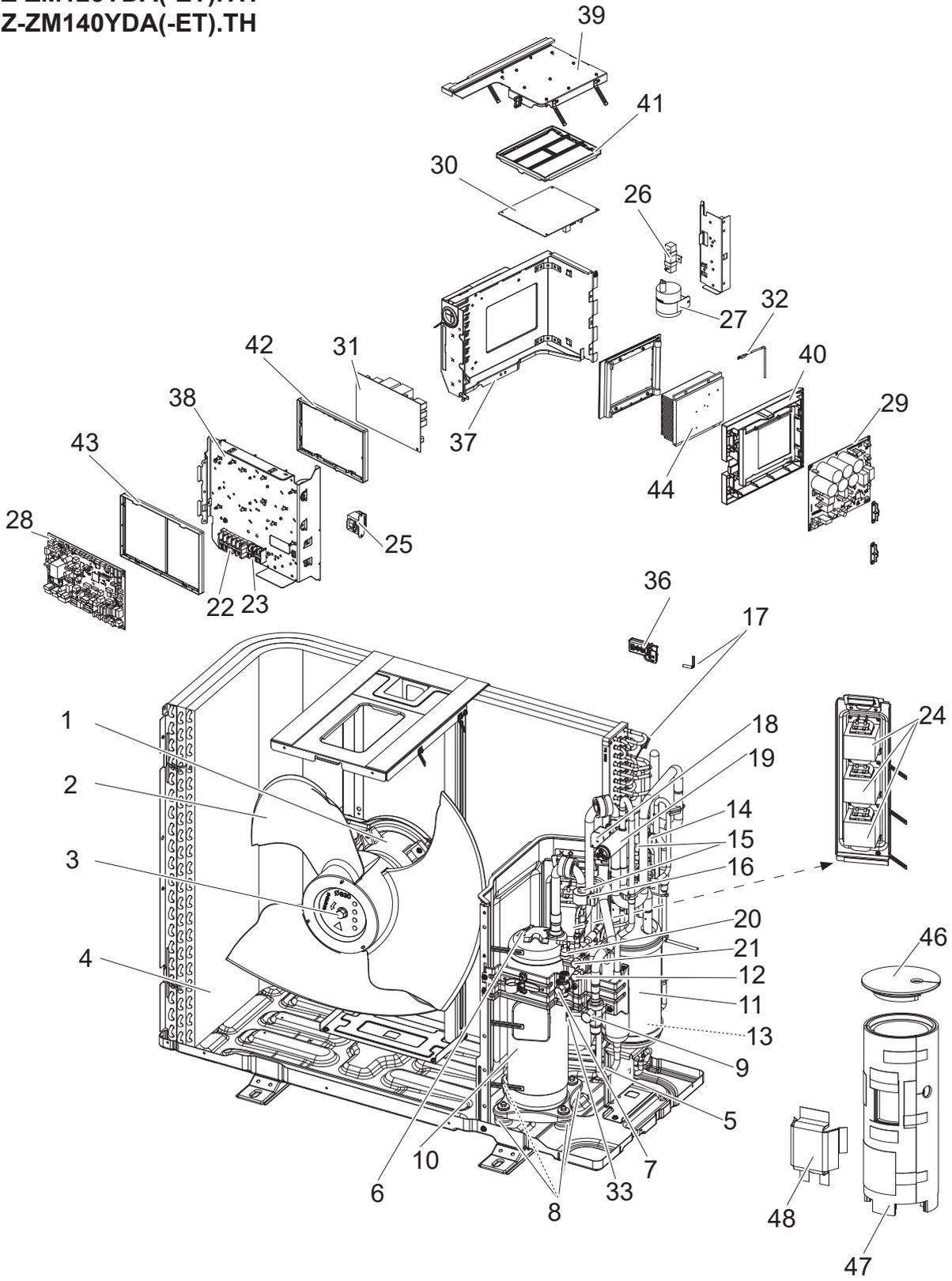


1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

| No. | Parts No. | Parts Name | PUZ-ZM100VDA.TH | PUZ-ZM125VDA.TH | PUZ-ZM140VDA.TH | PUZ-ZM100VDA-ET.TH | PUZ-ZM125VDA-ET.TH | PUZ-ZM140VDA-ET.TH | Wiring Diagram Symbol | Remarks [Drawing No.] |
|-----|-------------|------------------------------------|-----------------|-----------------|-----------------|--------------------|--------------------|--------------------|-----------------------|--|
| | | | | | | | | | | |
| 1 | E27 80W 301 | OUTDOOR FAN MOTOR | 1 | 1 | 1 | 1 | 1 | 1 | MF1 | |
| 2 | E27 80W 501 | PROPELLER FAN | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 3 | E27 80W 508 | PROPELLER FAN NUT | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 4 | E27 80W 630 | OUTDOOR HEAT EXCHANGER | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 5 | E27 5E5 307 | THERMISTOR (DISCHARGE) | 1 | 1 | 1 | 1 | 1 | 1 | TH4 | |
| 6 | E27 5E6 307 | THERMISTOR (COMP. SURFACE) | 1 | 1 | 1 | 1 | 1 | 1 | TH33 | |
| 7 | E27 942 661 | STOP VALVE 3/8F | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 8 | E22 267 506 | COMPRESSOR RUBBER MOUNT | 4 | 4 | 4 | 4 | 4 | 4 | | 4 pcs/set |
| 9 | E27 943 661 | BALL VALVE 5/8F | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 10 | E27 80W 900 | COMPRESSOR | 1 | 1 | 1 | 1 | 1 | 1 | MC | DVB33FFCMT |
| 11 | E27 M96 959 | POWER RECEIVER | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 12 | E27 80W 641 | CHARGE PLUG | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 13 | E27 80W 307 | THERMISTOR (LIQUID) | 1 | 1 | 1 | 1 | 1 | 1 | TH3 | |
| 14 | E27 80W 493 | LINEAR EXPANSION VALVE COIL | 1 | 1 | 1 | 1 | 1 | 1 | LEV-A | WH |
| 15 | E27 80W 640 | LINEAR EXPANSION VALVE | 2 | 2 | 2 | 2 | 2 | 2 | (LEV-A, LEV-B) | |
| 16 | E27 81W 493 | LINEAR EXPANSION VALVE COIL | 1 | 1 | 1 | 1 | 1 | 1 | LEV-B | RD |
| 17 | E27 82W 307 | THERMISTOR (2-PHASE PIPE, AMBIENT) | 1 | 1 | 1 | 1 | 1 | 1 | TH6, TH7 | Combined type |
| 18 | E27 80W 490 | SOLENOID COIL | 1 | 1 | 1 | 1 | 1 | 1 | 21S4 | GN |
| 19 | E27 942 646 | HIGH PRESSURE SWITCH | 1 | 1 | 1 | 1 | 1 | 1 | 63H | |
| 20 | E27 80W 641 | CHARGE PLUG | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 21 | E27 E45 374 | TERMINAL BLOCK | 1 | 1 | 1 | 1 | 1 | 1 | TB1 | 6P (LNE + S1,S2,S3) |
| 22 | E27 5G3 337 | REACTOR | 3 | 3 | 3 | 3 | 3 | 3 | DCL1, DCL2, DCL3 | |
| 23 | E27 80W 450 | OUTDOOR CONTROL P.C.BOARD | 1 | 1 | 1 | 1 | 1 | 1 | C.B. | |
| 24 | E27 1H9 440 | POWER BOARD | 1 | 1 | 1 | 1 | 1 | 1 | P.B. | |
| 25 | E27 W54 307 | THERMISTOR (HEAT SINK) | 1 | 1 | 1 | 1 | 1 | 1 | TH8 | |
| 26 | E27 8N7 381 | THERMAL PROTECTOR | 1 | 1 | 1 | 1 | 1 | 1 | TRS | |
| 27 | E27 74F 382 | FUSE | 2 | 2 | 2 | 2 | 2 | 2 | F1, F2 | T10AL250V |
| 28 | E27 648 382 | FUSE | 2 | 2 | 2 | 2 | 2 | 2 | F3, F4 | T6.3AL250V |
| 29 | E27 W53 079 | SENSOR HOLDER | 1 | 1 | 1 | 1 | 1 | 1 | | For TH7 (Ambient) |
| 30 | - | POWER BOARD PANEL | 1 | 1 | 1 | 1 | 1 | 1 | | Semi-box type, for power parts [RK00V982G06] |
| 31 | - | CONT BOARD PANEL | 1 | 1 | 1 | 1 | 1 | 1 | | Front side [RK00Y994G06] |
| 32 | - | BOARD CASE POWER | 1 | 1 | 1 | 1 | 1 | 1 | | [RK25Y710G06] |
| 33 | - | BOARD CASE CONT | 1 | 1 | 1 | 1 | 1 | 1 | | [RK25N611G01] |
| 34 | - | HEAT SINK | 1 | 1 | 1 | 1 | 1 | 1 | | [BK11N530H02] |
| 35 | - | LEAD ASSY COMP | 1 | 1 | 1 | 1 | 1 | 1 | | [BH78D937G04] |
| 36 | - | COMP FELT (TOP) | 1 | 1 | 1 | 1 | 1 | 1 | | [RK33V422H02] |
| 37 | - | COMP FELT (BODY) | 1 | 1 | 1 | | | | | [RK33Y744G20] |
| 37 | - | COMP FELT (BODY) | | | | 1 | 1 | 1 | | [RK33Y744G21] |
| 38 | - | COMP FELT (TERMINAL) | 1 | 1 | 1 | 1 | 1 | 1 | | [RK33V746H01] |
| 39 | E27 M97 961 | 4-WAY VALVE | 1 | 1 | 1 | 1 | 1 | 1 | | |

FUNCTIONAL AND ELECTRICAL PARTS

PUZ-ZM100YDA(-ET).TH
PUZ-ZM125YDA(-ET).TH
PUZ-ZM140YDA(-ET).TH



1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

| No. | Parts No. | Parts Name | | | | | | | Wiring Diagram Symbol | Remarks [Drawing No.] |
|-----|--------------|------------------------------------|-----------------|-----------------|-----------------|--------------------|--------------------|--------------------|-----------------------|-----------------------|
| | | | PUZ-ZM100YDA.TH | PUZ-ZM125YDA.TH | PUZ-ZM140YDA.TH | PUZ-ZM100YDA-ET.TH | PUZ-ZM125YDA-ET.TH | PUZ-ZM140YDA-ET.TH | | |
| 1 | E 27 80W 301 | OUTDOOR FAN MOTOR | 1 | 1 | 1 | 1 | 1 | 1 | MF1 | |
| 2 | E 27 80W 501 | PROPELLER FAN | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 3 | E 27 80W 508 | PROPELLER FAN NUT | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 4 | E 27 80W 630 | OUTDOOR HEAT EXCHANGER | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 5 | E 27 5E5 307 | THERMISTOR (DISCHARGE) | 1 | 1 | 1 | 1 | 1 | 1 | TH4 | |
| 6 | E 27 5E6 307 | THERMISTOR (COMP. SURFACE) | 1 | 1 | 1 | 1 | 1 | 1 | TH33 | |
| 7 | E 27 942 661 | STOP VALVE 3/8F | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 8 | E 22 267 506 | COMPRESSOR RUBBER MOUNT | 4 | 4 | 4 | 4 | 4 | 4 | | 4 pcs/set |
| 9 | E 27 943 661 | BALL VALVE 5/8F | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 10 | E 27 89W 900 | COMPRESSOR | 1 | 1 | 1 | 1 | 1 | 1 | MC | DVB33FFDMT |
| 11 | E 27 M96 959 | POWER RECEIVER | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 12 | E 27 80W 641 | CHARGE PLUG | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 13 | E 27 80W 307 | THERMISTOR (LIQUID) | 1 | 1 | 1 | 1 | 1 | 1 | TH3 | |
| 14 | E 27 80W 493 | LINEAR EXPANSION VALVE COIL | 1 | 1 | 1 | 1 | 1 | 1 | LEV-A | WH |
| 15 | E 27 80W 640 | LINEAR EXPANSION VALVE | 2 | 2 | 2 | 2 | 2 | 2 | (LEV-A, LEV-B) | |
| 16 | E 27 81W 493 | LINEAR EXPANSION VALVE COIL | 1 | 1 | 1 | 1 | 1 | 1 | LEV-B | RD |
| 17 | E 27 82W 307 | THERMISTOR (2-PHASE PIPE, AMBIENT) | 1 | 1 | 1 | 1 | 1 | 1 | TH6, TH7 | Combined type |
| 18 | E 27 80W 490 | SOLENOID COIL | 1 | 1 | 1 | 1 | 1 | 1 | 21S4 | GN |
| 19 | E 27 M97 961 | 4-WAY VALVE | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 20 | E 27 942 646 | HIGH PRESSURE SWITCH | 1 | 1 | 1 | 1 | 1 | 1 | 63H | |
| 21 | E 27 80W 641 | CHARGE PLUG | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 22 | E 27 943 374 | TERMINAL BLOCK | 1 | 1 | 1 | 1 | 1 | 1 | TB1 | 5P (LNE + L1,L2,L3) |
| 23 | E 22 C92 375 | TERMINAL BLOCK | 1 | 1 | 1 | 1 | 1 | 1 | TB2 | 3P (S1, S2, S3) |
| 24 | E 27 4G9 337 | REACTOR | 3 | | | 3 | | | ACL1, ACL2, ACL3 | |
| 24 | E 27 5G0 337 | REACTOR | | 3 | | | 3 | | ACL1, ACL2, ACL3 | |
| 24 | E 27 5G6 337 | REACTOR | | | 3 | | | 3 | ACL1, ACL2, ACL3 | |
| 25 | E 27 5G1 337 | REACTOR | 1 | 1 | 1 | 1 | 1 | 1 | ACL4 | |
| 26 | E 27 E33 360 | RESISTOR | 1 | 1 | 1 | 1 | 1 | 1 | RS | |
| 27 | E 27 89W 351 | CAPACITOR | 1 | 1 | 1 | 1 | 1 | 1 | CK | |
| 28 | E 27 80W 450 | OUTDOOR CONTROL P.C.BOARD | 1 | 1 | 1 | 1 | 1 | 1 | C.B. | |
| 29 | E 27 2H0 440 | POWER BOARD | 1 | 1 | 1 | 1 | 1 | 1 | P.B. | |
| 30 | E 27 05Y 460 | CONVERTER P.C. BOARD | 1 | 1 | 1 | 1 | 1 | 1 | CONV. B. | |
| 31 | E 27 89W 444 | NOISE FILTER P.C. BOARD | 1 | 1 | 1 | 1 | 1 | 1 | N.F. | |
| 32 | E 27 E35 307 | THERMISTOR (HEAT SINK) | 1 | 1 | 1 | 1 | 1 | 1 | TH8 | |
| 33 | E 27 8N7 381 | THERMAL PROTECTOR | 1 | 1 | 1 | 1 | 1 | 1 | TRS | |
| 34 | E 27 74F 382 | FUSE | 2 | 2 | 2 | 2 | 2 | 2 | F1, F2 | T10AL250V |
| 35 | E 27 648 382 | FUSE | 2 | 2 | 2 | 2 | 2 | 2 | F3, F4 | T6.3AL250V |
| 36 | E 27 W53 079 | SENSOR HOLDER | 1 | 1 | 1 | 1 | 1 | 1 | | For TH7 (Ambient) |

1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

Continued from previous page.

| No. | Parts No. | Parts Name | PUZ-ZM100YDA.TH | PUZ-ZM125YDA.TH | PUZ-ZM140YDA.TH | PUZ-ZM100YDA-ET.TH | PUZ-ZM125YDA-ET.TH | PUZ-ZM140YDA-ET.TH | Wiring Diagram Symbol | Remarks [Drawing No.] |
|------|-----------|----------------------|-----------------|-----------------|-----------------|--------------------|--------------------|--------------------|-----------------------|---|
| | | | | | | | | | | |
| 37 | - | POWER BOARD PANEL | 1 | 1 | 1 | 1 | 1 | 1 | | Semi-box type, for power parts [RK00Y993G04] |
| 38 | - | CONT BOARD PANEL | 1 | 1 | 1 | 1 | 1 | 1 | | Front side [RK00Y994G05] |
| 39 | - | CONV BOARD PANEL | 1 | 1 | 1 | 1 | 1 | 1 | | Top side [RK00Y986G01] |
| 40 | - | BOARD CASE POWER | 1 | 1 | 1 | 1 | 1 | 1 | | [RK25Y828G05] |
| 41 | - | BOARD CASE CONV | 1 | 1 | 1 | 1 | 1 | 1 | | [RK25Y829G04] |
| 42 | - | BOARD CASE NF | 1 | 1 | 1 | 1 | 1 | 1 | | [BK25N049G04] |
| 43 | - | BOARD CASE CONT | 1 | 1 | 1 | 1 | 1 | 1 | | [RK25N611G01] |
| 44 | - | HEAT SINK | 1 | 1 | 1 | 1 | 1 | 1 | | [RK11V505H01] |
| (45) | - | LEAD ASSY COMP | 1 | 1 | 1 | 1 | 1 | 1 | | [BH78D970G02] |
| 46 | - | COMP FELT (TOP) | 1 | 1 | 1 | 1 | 1 | 1 | | [RK33V422H02] |
| 47 | - | COMP FELT (BODY) | 1 | 1 | 1 | | | | | [RK33Y744G22] |
| 47 | - | COMP FELT (BODY) | | | | 1 | 1 | 1 | | [RK33Y744G23] |
| 48 | - | COMP FELT (TERMINAL) | 1 | 1 | 1 | 1 | 1 | 1 | | [RK33V746H01] |

STRUCTURAL PARTS

PUZ-ZM100VDA(-ET).TH

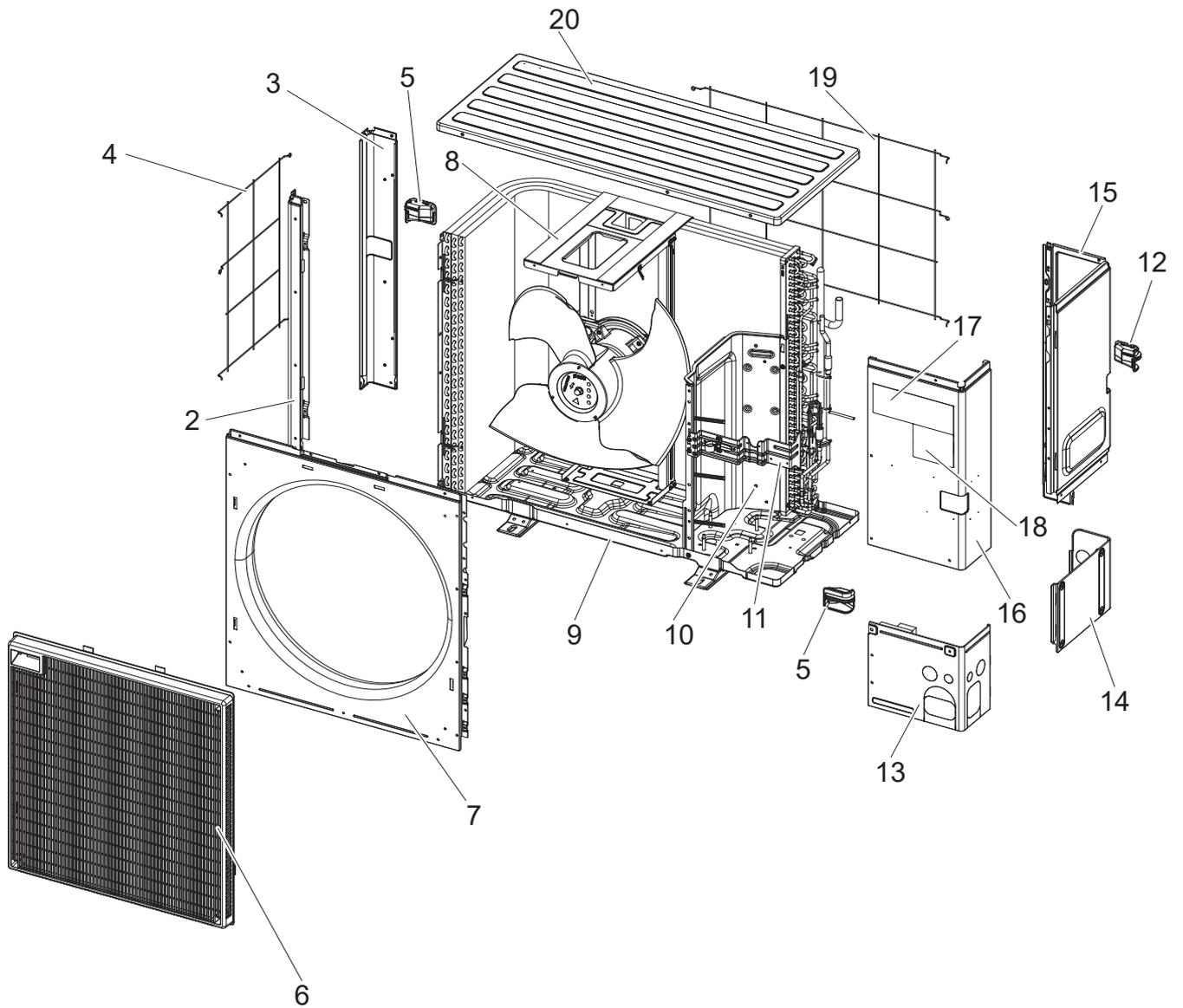
PUZ-ZM125VDA(-ET).TH

PUZ-ZM140VDA(-ET).TH

PUZ-ZM100YDA(-ET).TH

PUZ-ZM125YDA(-ET).TH

PUZ-ZM140YDA(-ET).TH



1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

| No. | Parts No. | Parts Name | | | | | | | | | | | | | Remarks [Drawing No.] |
|-----|------------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------|
| | | | PUZ-ZM100VDA.TH | PUZ-ZM125VDA.TH | PUZ-ZM140VDA.TH | PUZ-ZM100YDA.TH | PUZ-ZM125YDA.TH | PUZ-ZM140YDA.TH | PUZ-ZM100VDA-ET.TH | PUZ-ZM125VDA-ET.TH | PUZ-ZM140VDA-ET.TH | PUZ-ZM100YDA-ET.TH | PUZ-ZM125YDA-ET.TH | PUZ-ZM140YDA-ET.TH | |
| ① | E 27 9 4 2 2 5 0 | F.ST SCREW | 61 | 61 | 61 | 64 | 64 | 64 | 61 | 61 | 61 | 64 | 64 | | |
| 2 | E 27 8 0 W 8 1 2 | SIDE PILLER (L-FRONT) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 3 | E 27 8 1 W 8 1 2 | SIDE PILLER (L-REAR) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 4 | E 27 8 1 W 5 2 3 | SIDE GUARD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 5 | E 27 9 4 2 0 0 9 | HANDLE (FRONT) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 6 | E 27 8 0 W 5 2 1 | GRILLE | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 7 | E 27 8 0 W 2 3 2 | FRONT PANEL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 8 | E 27 8 0 W 5 1 5 | MOTOR SUPPORT | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 9 | E 27 8 0 W 2 9 0 | BASE | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 10 | E 27 8 0 W 2 9 3 | SEPARATOR | 1 | 1 | 1 | | | | 1 | 1 | 1 | | | | |
| 10 | E 27 8 9 W 2 9 3 | SEPARATOR | | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | |
| 11 | — | VALVE BED | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | [RK00V939G01] |
| 12 | E 27 9 4 3 0 0 9 | HANDLE (REAR) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 13 | E 27 8 0 W 0 0 6 | COVER PANEL (FRONT) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 14 | E 27 8 1 W 0 0 6 | COVER PANEL (REAR) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 15 | E 27 8 0 W 0 8 5 | SIDE PANEL (R) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 16 | E 27 8 0 W 2 4 5 | SERVICE PANEL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 17 | — | BRAND LABEL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | [BT79L338H01] |
| 18 | — | BRAND LABEL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | [BT79L319H01] |
| 19 | E 27 8 0 W 5 2 3 | REAR GUARD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 20 | E 27 8 0 W 2 9 7 | TOP PANEL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |

Mr. SLIM

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