

# PARTS CATALOG

## R410A

| [Model Name]            | [Service Ref.]         |                        |
|-------------------------|------------------------|------------------------|
| PUHZ-SHW80VHA           | PUHZ-SHW80VHA          | PUHZ-SHW80VHAR2.UK     |
|                         | PUHZ-SHW80VHAR3.UK     | PUHZ-SHW80VHAR4.UK     |
| PUHZ-SHW112VHA          | PUHZ-SHW112VHA         | PUHZ-SHW112VHAR2.UK    |
|                         | PUHZ-SHW112VHAR3.UK    | PUHZ-SHW112VHAR4.UK    |
| PUHZ-SHW112YHA          | PUHZ-SHW112YHA         | PUHZ-SHW112YHAR1       |
|                         | PUHZ-SHW112YHAR2.UK    | PUHZ-SHW112YHAR3.UK    |
|                         | PUHZ-SHW112YHAR4.UK    |                        |
| PUHZ-SHW140YHA          | PUHZ-SHW140YHA         | PUHZ-SHW140YHAR1       |
|                         | PUHZ-SHW140YHAR2.UK    | PUHZ-SHW140YHAR3.UK    |
|                         | PUHZ-SHW140YHAR4.UK    |                        |
| <b>Salt proof model</b> |                        |                        |
| PUHZ-SHW80VHA-BS        | PUHZ-SHW80VHAR2-BS.UK  | PUHZ-SHW80VHAR3-BS.UK  |
|                         | PUHZ-SHW80VHAR4-BS.UK  |                        |
| PUHZ-SHW112VHA-BS       | PUHZ-SHW112VHAR2-BS.UK | PUHZ-SHW112VHAR3-BS.UK |
|                         | PUHZ-SHW112VHAR4-BS.UK |                        |
| PUHZ-SHW112YHA-BS       | PUHZ-SHW112YHAR2-BS.UK | PUHZ-SHW112YHAR3-BS.UK |
|                         | PUHZ-SHW112YHAR4-BS.UK |                        |
| PUHZ-SHW140YHA-BS       | PUHZ-SHW140YHAR2-BS.UK | PUHZ-SHW140YHAR3-BS.UK |
|                         | PUHZ-SHW140YHAR4-BS.UK |                        |

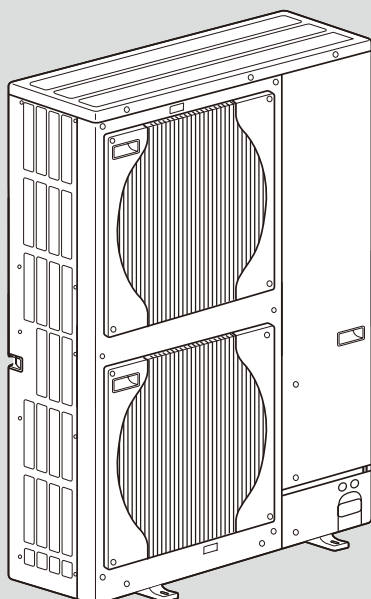
**Revision:**

- Added  
PUHZ-SHW80VHAR4.UK,  
PUHZ-SHW80VHAR4-BS.UK,  
PUHZ-SHW112VHAR4.UK,  
PUHZ-SHW112VHAR4-BS.UK,  
PUHZ-SHW112YHAR4.UK,  
PUHZ-SHW112YHAR4-BS.UK,  
PUHZ-SHW140YHAR4.UK,  
and  
PUHZ-SHW140YHAR4-BS.UK  
in REVISED EDITION-D.
- Some descriptions have  
been modified.

- Please void OCB526  
REVISED EDITION-C.

**Notes:**

- This manual describes only  
service data of the outdoor  
units.
- RoHS compliant products  
have <G> mark on the  
spec name plate.



## CONTENTS

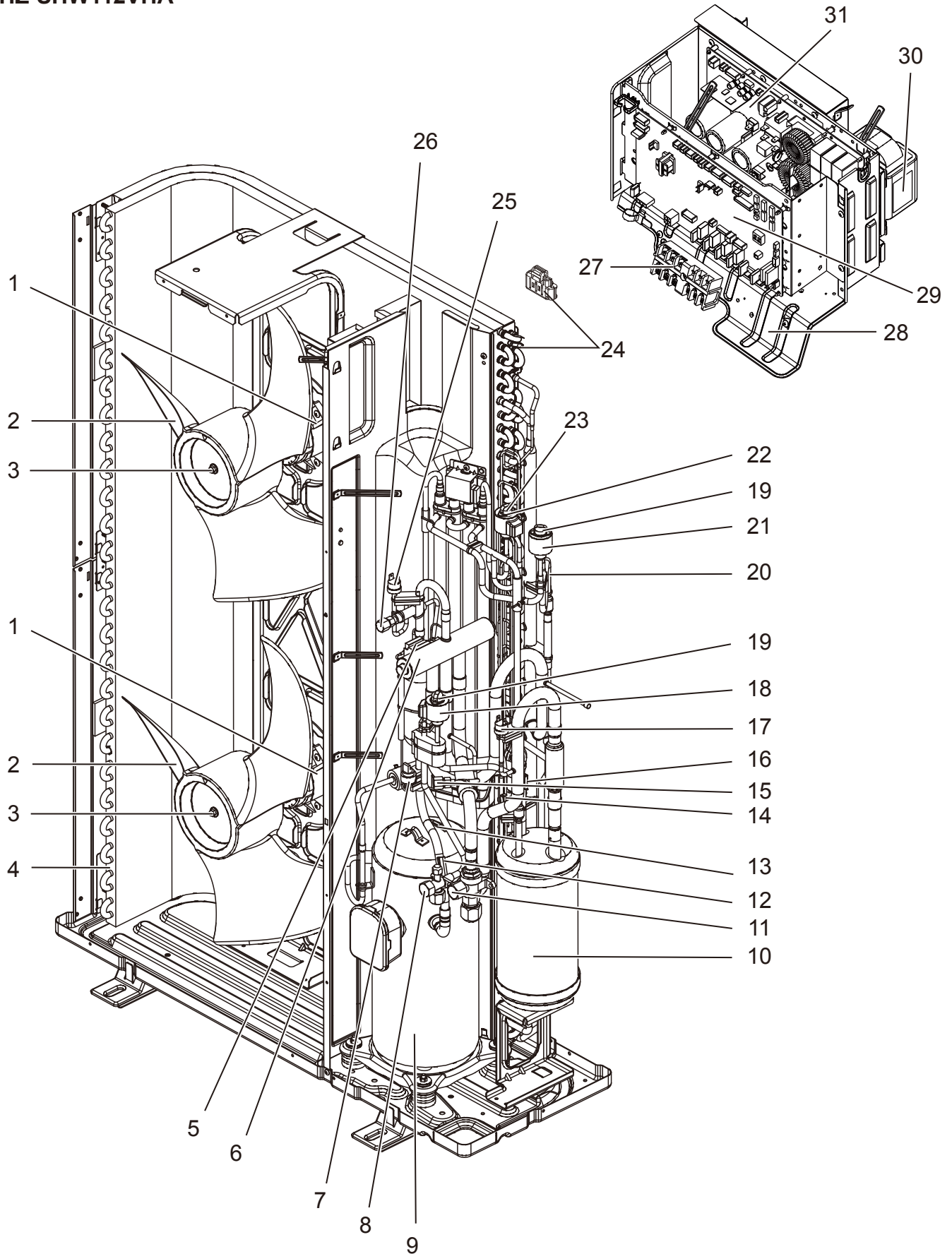
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**SERVICE MANUAL (OCH526)**


## FUNCTIONAL AND ELECTRICAL PARTS

PUHZ-SHW80VHA

PUHZ-SHW112VHA



# RoHS PARTS LIST

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

| No. | RoHS | Part No.    | Part Name                        | Specification      | Q'ty/unit    |     | Remarks<br>(Drawing No.)   | Wiring<br>Diagram<br>Symbol |
|-----|------|-------------|----------------------------------|--------------------|--------------|-----|----------------------------|-----------------------------|
|     |      |             |                                  |                    | PUHZ-SHW-VHA |     |                            |                             |
|     |      |             |                                  |                    | 80           | 112 |                            |                             |
| 1   | G    | R01 E50 221 | FAN MOTOR                        |                    | 2            | 2   |                            | MF1,2                       |
| 2   | G    | R01 E06 115 | PROPELLER FAN                    |                    | 2            | 2   |                            |                             |
| 3   | G    | R01 E09 097 | NUT                              |                    | 2            | 2   |                            |                             |
| 4   | G    | T7W E70 408 | HEAT EXCHANGER                   |                    | 1            | 1   |                            |                             |
| 5   | G    | T7W E41 242 | SOLENOID COIL<4-WAY VALVE>       |                    | 1            | 1   |                            | 21S4                        |
| 6   | G    | R01 E15 403 | 4-WAY VALVE                      |                    | 1            | 1   |                            |                             |
| 7   | G    | R01 E07 208 | HIGH PRESSURE SENSOR             |                    | 1            | 1   |                            | 63HS                        |
| 8   | G    | R01 E13 410 | STOP VALVE                       | 3/8 (LIQUID)       | 1            | 1   |                            |                             |
| 9   | G    | T97 422 077 | COMPRESSOR                       | ANB33FJMMT         | 1            | 1   | Including<br>RUBBER MOUNTS | MC                          |
| 10  | G    | R01 E60 440 | POWER RECEIVER                   |                    | 1            | 1   |                            |                             |
| 11  | G    | R01 E12 410 | BALL VALVE                       | 5/8 (GAS)          | 1            | 1   |                            |                             |
| 12  | G    | R01 E22 201 | THERMISTOR (DISCHARGE)           |                    | 1            | 1   |                            | TH4                         |
| 13  | G    | R01 H90 202 | THERMISTOR (COMP. SURFACE)       |                    | 1            | 1   |                            | TH34                        |
| 14  | G    | R01 H00 202 | THERMISTOR (LIQUID)              |                    | 1            | 1   |                            | TH3                         |
| 15  | G    | R01 E17 413 | CHARGE PLUG                      |                    | 1            | 1   |                            |                             |
| 16  | G    | R01 H32 202 | THERMISTOR (SUCTION)             |                    | 1            | 1   |                            | TH32                        |
| 17  | G    | R01 E00 209 | LOW PRESSURE SWITCH              |                    | 1            | 1   |                            | 63L                         |
| 18  | G    | R01 H08 242 | LINEAR EXPANSION VALVE COIL      |                    | 1            | 1   | Connector:Red              | LEV-B                       |
| 19  | G    | T7W E27 401 | LINEAR EXPANSION VALVE           |                    | 2            | 2   | for LEV-A,B                |                             |
| 20  | G    | R01 H79 202 | THERMISTOR (REF.CHECK)           |                    | 1            | 1   |                            | TH33                        |
| 21  | G    | R01 H09 242 | LINEAR EXPANSION VALVE COIL      |                    | 1            | 1   | Connector:White            | LEV-A                       |
| 22  | G    | R01 H10 242 | LINEAR EXPANSION VALVE COIL      |                    | 1            | 1   | Connector:Blue             | LEV-C                       |
| 23  | G    | R01 H22 401 | LINEAR EXPANSION VALVE           |                    | 1            | 1   | for LEV-C                  |                             |
| 24  | G    | R01 E94 202 | THERMISTOR (2-PHASEPIPE,AMBIENT) |                    | 1            | 1   |                            | TH6,7                       |
| 25  | G    | R01 E06 208 | HIGH PRESSURE SWITCH             |                    | 1            | 1   |                            | 63H                         |
| 26  | G    | R01 E25 413 | CHARGE PLUG                      |                    | 1            | 1   |                            |                             |
| 27  | G    | T7W E29 716 | TERMINAL BLOCK                   | 6P(L,N,⊕,S1,S2,S3) | 1            | 1   |                            | TB1                         |
| 28  | G    | —           | ELECTRICAL PARTS BOX             |                    | 1            | 1   | (BK00B055G92)              |                             |
| 29  | G    | T7W F18 315 | CONTROLLER CIRCUIT BOARD         |                    | 1            | 1   |                            | C.B.                        |
| 30  | G    | T7W E18 259 | REACTOR                          |                    | 1            | 1   |                            | DCL                         |
| 31  | G    | T7W E77 313 | POWER CIRCUIT BOARD              |                    | 1            | 1   |                            | P.B.                        |
| 32  | G    | R01 E14 239 | FUSE                             | 250V 6.3A          | 4            | 4   |                            | F1,2,3,4                    |
| 33  | G    | R01 E20 254 | MAIN SMOOTHING CAPACITOR         |                    | 1            | 1   |                            | CB                          |

# RoHS PARTS LIST

## FUNCTIONAL AND ELECTRICAL PARTS

PUHZ-SHW80VHAR2.UK

PUHZ-SHW80VHAR3.UK

PUHZ-SHW80VHAR2-BS.UK

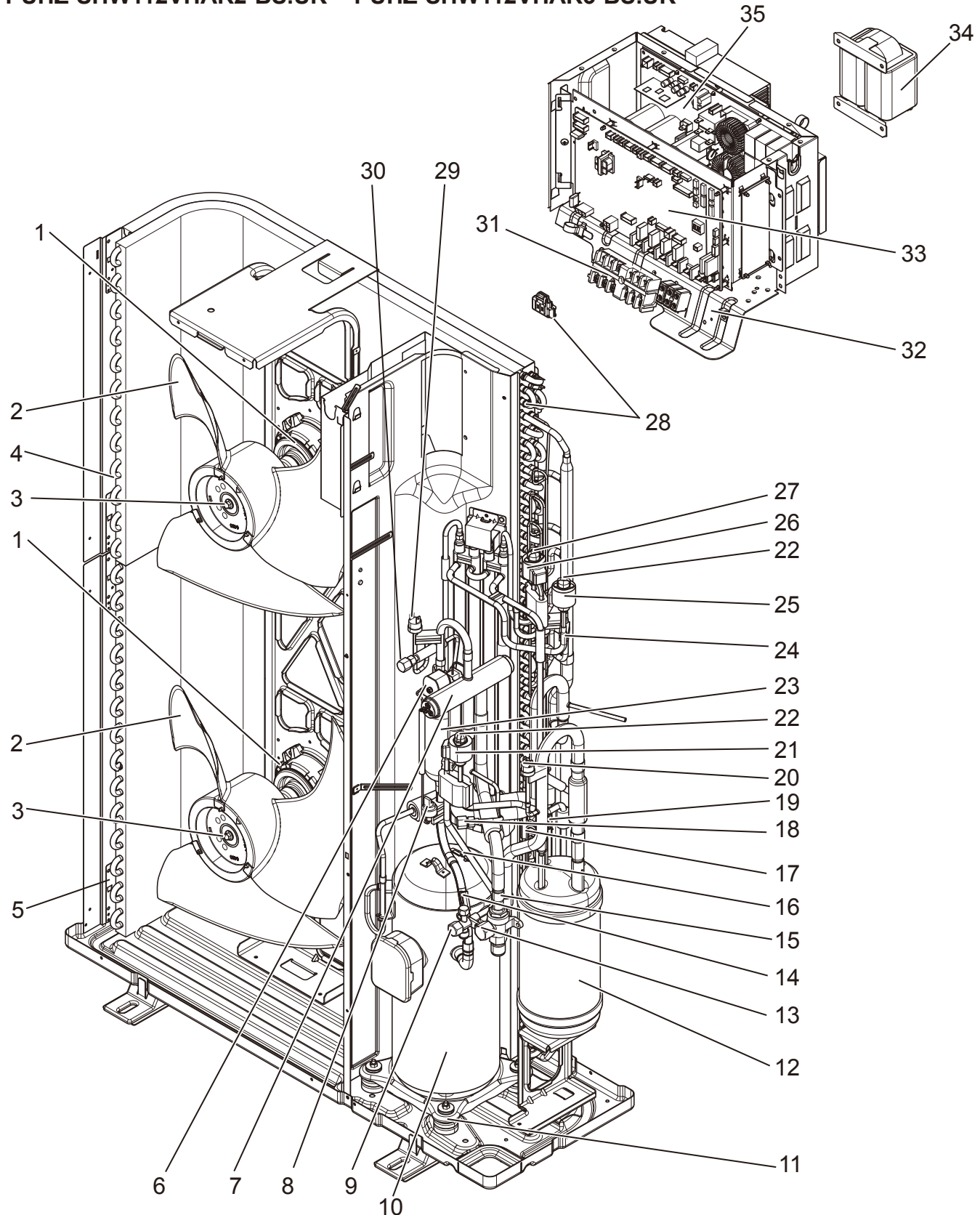
PUHZ-SHW80VHAR3-BS.UK

PUHZ-SHW112VHAR2.UK

PUHZ-SHW112VHAR3.UK

PUHZ-SHW112VHAR2-BS.UK

PUHZ-SHW112VHAR3-BS.UK



# RoHS PARTS LIST

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

| No | RoHS | Parts No.   | Parts Name                                    | Specification       | Q'ty/unit          |                       |                     |                        |                    |                       |                     |                        | Remarks<br>(Drawing No.) | Wiring<br>Diagram<br>Symbol |
|----|------|-------------|-----------------------------------------------|---------------------|--------------------|-----------------------|---------------------|------------------------|--------------------|-----------------------|---------------------|------------------------|--------------------------|-----------------------------|
|    |      |             |                                               |                     | PUHZ-SHW80VHAR2.UK | PUHZ-SHW80VHAR2-BS.UK | PUHZ-SHW112VHAR2.UK | PUHZ-SHW112VHAR2-BS.UK | PUHZ-SHW80VHAR3.UK | PUHZ-SHW80VHAR3-BS.UK | PUHZ-SHW112VHAR3.UK | PUHZ-SHW112VHAR3-BS.UK |                          |                             |
| 1  | G    | S70 E30 763 | FAN MOTOR                                     |                     | 2                  | 2                     | 2                   | 2                      | 2                  | 2                     | 2                   | 2                      |                          | MF1,2                       |
| 2  | G    | S70 E30 115 | PROPELLER FAN                                 |                     | 2                  | 2                     | 2                   | 2                      | 2                  | 2                     | 2                   | 2                      |                          |                             |
| 3  | G    | S70 K01 097 | NUT                                           |                     | 2                  | 2                     | 2                   | 2                      | 2                  | 2                     | 2                   | 2                      |                          |                             |
| 4  | G    | S70 E55 408 | HEAT EXCHANGER (TOP)                          |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 5  | G    | S70 E95 408 | HEAT EXCHANGER (UNDER)                        |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 6  | G    | S70 E06 242 | SOLENOID COIL <4WAY COIL>                     |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | 21S4                        |
| 7  | G    | S70 E05 403 | REVERSING VALVE (4-WAY VALVE)                 |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 8  | G    | S70 E11 208 | HIGH PRESSURE SENSOR                          |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | 63HS                        |
| 9  | G    | S70 600 418 | STOP VALVE (LIQUID)                           | 3/8'                | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 10 | G    | S70 E50 400 | COMPRESSOR                                    | ANB33FJRMT          | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | MC                          |
| 11 | G    | S70 E02 004 | RUBBER MOUNT                                  |                     | 4                  | 4                     | 4                   | 4                      | 4                  | 4                     | 4                   | 4                      |                          |                             |
| 12 | G    | S70 E75 440 | POWER RECEIVER(ACCUMULATOR)                   |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 13 | G    | S70 E06 411 | BALL VALVE (GAS)                              | 5/8'                | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 14 | G    | S70 E61 202 | THERMISTOR (DISCHARGE)                        | D8                  | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | TH4                         |
| 15 | G    | S70 36L 450 | STRAINER                                      | #50                 | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 16 | G    | S70 E53 202 | THERMISTOR (COMP.SURFACE)                     |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | TH34                        |
| 17 | G    | S70 E58 202 | THERMISTOR-H(LIQUID)                          | 1050 XAP            | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | TH3                         |
| 18 | G    | S70 E02 413 | CHARGE PLUG                                   |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 19 | G    | S70 E65 202 | THERMISTOR(SUCTION)                           | 2/G1150XA           | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | TH32                        |
| 20 | G    | S70 H20 209 | LOW PRESSURE SWITCH                           |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | 63L                         |
| 21 | G    | S70 E87 402 | LINEAR EXPANSION VALVE COIL                   | UKV-A211            | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      | Connector: Red           | LEV-B                       |
| 22 | G    | S70 E92 401 | LINEAR EXPANSION VALVE                        | UKV32D135           | 2                  | 2                     | 2                   | 2                      | 2                  | 2                     | 2                   | 2                      | FOR LEV-A, B             |                             |
| 23 | G    | S70 42H 467 | MUFFLER                                       |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 24 | G    | S70 E63 202 | THERMISTOR                                    | 1000-3P             | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | TH33                        |
| 25 | G    | S70 E88 402 | LINEAR EXPANSION VALVE COIL                   | UKV-A212            | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      | Connector: White         | LEV-A                       |
| 26 | G    | S70 E99 402 | LINEAR EXPANSION VALVE COIL                   | UKV                 | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      | Connector: Blue          | LEV-C                       |
| 27 | G    | S70 E80 401 | EXPANSION VALVE                               | UKV-18D35           | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      | FOR LEV-C                |                             |
| 28 | G    | S70 E31 202 | THERMISTOR-W (OUTDOOR, 2-PHASE PIPE, AMBIENT) | 850/1050            | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | TH6,7                       |
| 29 | G    | S70 E10 208 | HIGH PRESSURE SWITCH                          | OFF 4.14MPa         | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | 63H                         |
| 30 | G    | S70 E03 413 | CHARGE PLUG                                   |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 31 | G    | S70 C20 515 | TERMINAL BLOCK                                | 6P (L,N,0,S1,S2,S3) | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | TB1                         |
| 32 | G    | S70 R84 316 | COMPLETE CONTROL BOX ASSY                     |                     | 1                  | 1                     |                     |                        | 1                  | 1                     |                     |                        |                          |                             |
|    | G    | S70 R81 316 | COMPLETE CONTROL BOX ASSY                     |                     |                    |                       | 1                   | 1                      |                    |                       | 1                   | 1                      |                          |                             |
| 33 | G    | S70 E70 315 | CONTROLLER BOARD                              |                     | 1                  | 1                     | 1                   | 1                      |                    |                       |                     |                        |                          | C.B                         |
|    | G    | S70 E75 315 | CONTROLLER BOARD                              |                     |                    |                       |                     |                        | 1                  | 1                     | 1                   | 1                      |                          | C.B                         |
| 34 | G    | S70 K04 259 | REACTOR(DCL)                                  |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | DCL                         |
| 35 | G    | S70 E30 313 | POWER BOARD                                   |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | P.B                         |
| 36 | G    | S70 E05 255 | MAIN SMOOTHING CAPACITOR                      |                     | 1                  | 1                     | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      |                          | CB                          |

# RoHS PARTS LIST

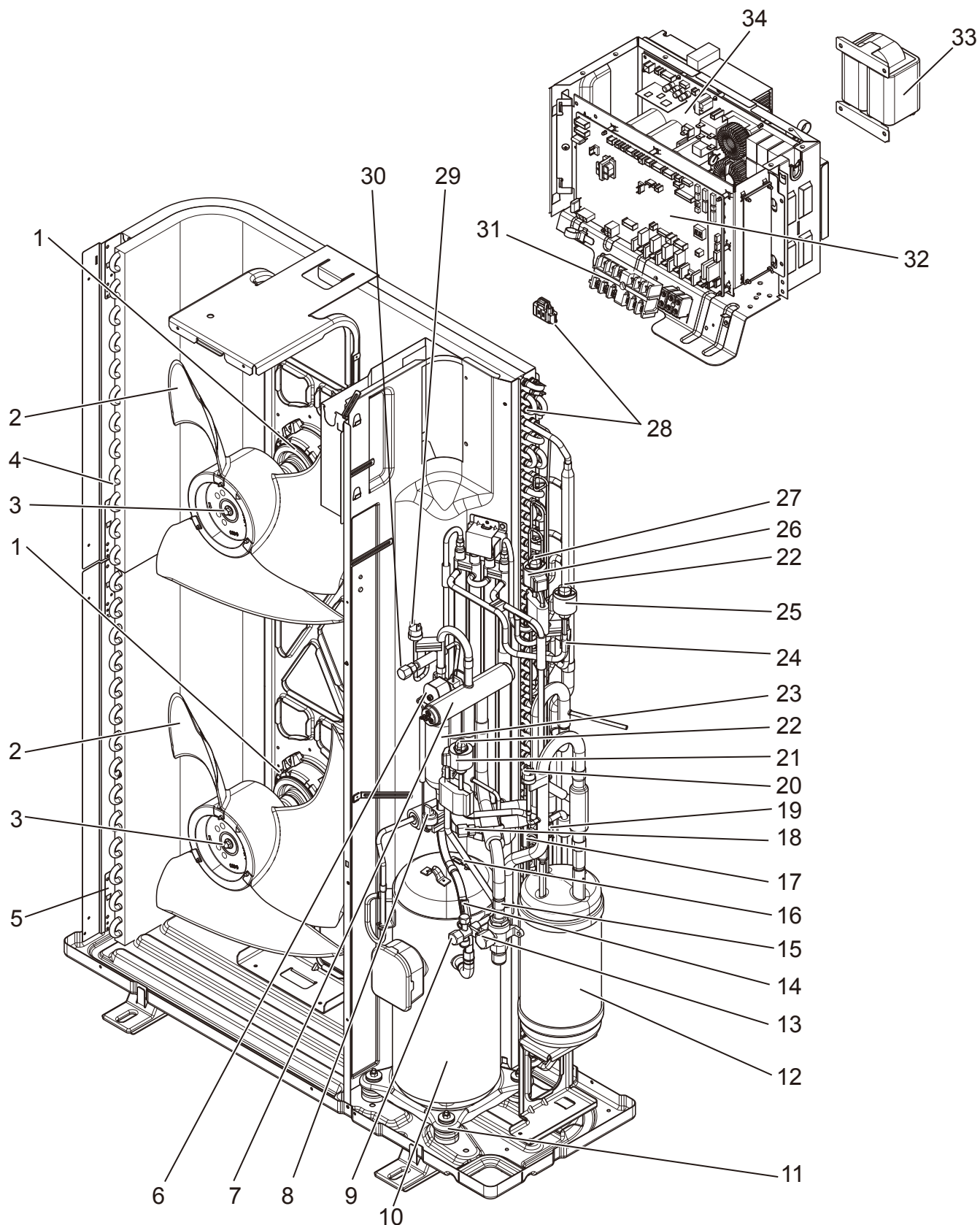
## FUNCTIONAL AND ELECTRICAL PARTS

PUHZ-SHW80VHAR4.UK

PUHZ-SHW112VHAR4.UK

PUHZ-SHW80VHAR4-BS.UK

PUHZ-SHW112VHAR4-BS.UK4



# RoHS PARTS LIST

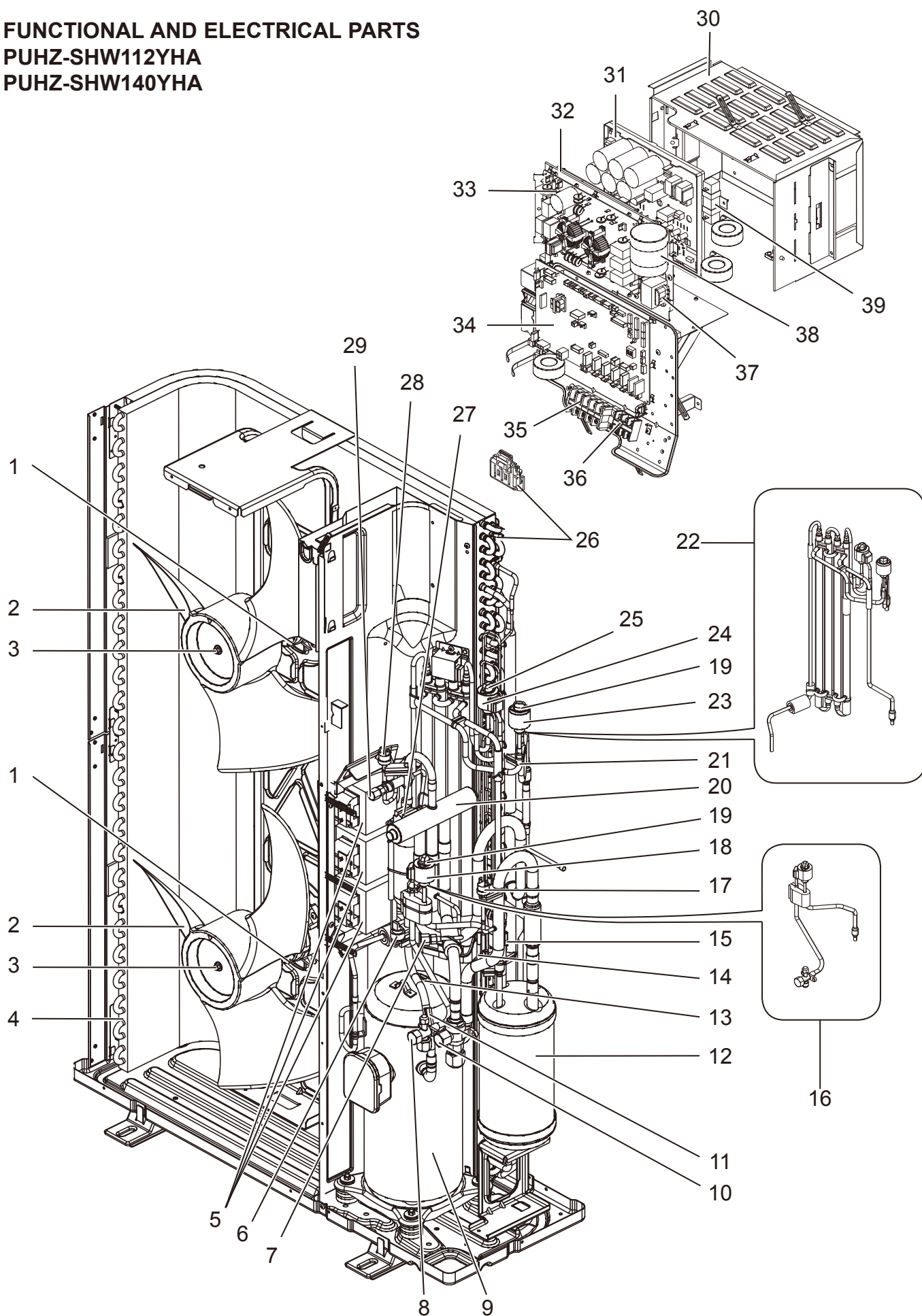
| No | RoHS | Parts No.   | Parts Name                                    | Specification       | Q'ty/unit          |                       |                     |                        | Remarks<br>(Drawing No.) | Wiring<br>Diagram<br>Symbol |
|----|------|-------------|-----------------------------------------------|---------------------|--------------------|-----------------------|---------------------|------------------------|--------------------------|-----------------------------|
|    |      |             |                                               |                     | PUHZ-SHW80VHAR4.UK | PUHZ-SHW80VHAR4-BS.UK | PUHZ-SHW112VHAR4.UK | PUHZ-SHW112VHAR4-BS.UK |                          |                             |
| 1  | G    | S70 E35 763 | FAN MOTOR                                     |                     | 2                  | 2                     | 2                   | 2                      |                          | MF1,2                       |
| 2  | G    | S70 E30 115 | PROPELLER FAN                                 |                     | 2                  | 2                     | 2                   | 2                      |                          |                             |
| 3  | G    | S70 K01 097 | NUT                                           |                     | 2                  | 2                     | 2                   | 2                      |                          |                             |
| 4  | G    | S70 E55 408 | HEAT EXCHANGER (TOP)                          |                     | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 5  | G    | S70 E95 408 | HEAT EXCHANGER (UNDER)                        |                     | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 6  | G    | S70 E06 242 | SOLENOID COIL <4WAY COIL>                     |                     | 1                  | 1                     | 1                   | 1                      |                          | 21S4                        |
| 7  | G    | S70 E05 403 | REVERSING VALVE (4-WAY VALVE)                 |                     | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 8  | G    | S70 E11 208 | HIGH PRESSURE SENSOR                          |                     | 1                  | 1                     | 1                   | 1                      |                          | 63HS                        |
| 9  | G    | S70 600 418 | STOP VALVE (LIQUID)                           | 3/8"                | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 10 | G    | S70 E50 400 | COMPRESSOR                                    | ANB33FJRMT          | 1                  | 1                     | 1                   | 1                      |                          | MC                          |
| 11 | G    | S70 E02 004 | RUBBER MOUNT                                  |                     | 4                  | 4                     | 4                   | 4                      |                          |                             |
| 12 | G    | S70 E75 440 | POWER RECEIVER (ACCUMULATOR)                  |                     | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 13 | G    | S70 E06 411 | BALL VALVE (GAS)                              | 5/8"                | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 14 | G    | S70 E61 202 | THERMISTOR (DISCHARGE)                        | D8                  | 1                  | 1                     | 1                   | 1                      |                          | TH4                         |
| 15 | G    | S70 36L 450 | STRAINER                                      | #50                 | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 16 | G    | S70 E53 202 | THERMISTOR (COMP. SURFACE)                    |                     | 1                  | 1                     | 1                   | 1                      |                          | TH34                        |
| 17 | G    | S70 E58 202 | THERMISTOR-H (LIQUID)                         | 1050 XAP            | 1                  | 1                     | 1                   | 1                      |                          | TH3                         |
| 18 | G    | S70 E02 413 | CHARGE PLUG                                   |                     | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 19 | G    | S70 E65 202 | THERMISTOR (SUCTION)                          | 2/G1150XA           | 1                  | 1                     | 1                   | 1                      |                          | TH32                        |
| 20 | G    | S70 H20 209 | LOW PRESSURE SWITCH                           |                     | 1                  | 1                     | 1                   | 1                      |                          | 63L                         |
| 21 | G    | S70 E87 402 | LINEAR EXPANSION VALVE COIL                   | UKV-A211            | 1                  | 1                     | 1                   | 1                      | Connector: Red           | LEV-B                       |
| 22 | G    | S70 E92 401 | LINEAR EXPANSION VALVE                        | UKV32D135           | 2                  | 2                     | 2                   | 2                      | FOR LEV-A, B             |                             |
| 23 | G    | S70 42H 467 | MUFFLER                                       |                     | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 24 | G    | S70 E63 202 | THERMISTOR                                    | 1000-3P             | 1                  | 1                     | 1                   | 1                      |                          | TH33                        |
| 25 | G    | S70 E88 402 | LINEAR EXPANSION VALVE COIL                   | UKV-A212            | 1                  | 1                     | 1                   | 1                      | Connector: White         | LEV-A                       |
| 26 | G    | S70 E99 402 | LINEAR EXPANSION VALVE COIL                   | UKV                 | 1                  | 1                     | 1                   | 1                      | Connector: Blue          | LEV-C                       |
| 27 | G    | S70 E80 401 | EXPANSION VALVE                               | UKV-18D35           | 1                  | 1                     | 1                   | 1                      | FOR LEV-C                |                             |
| 28 | G    | S70 E31 202 | THERMISTOR-W (OUTDOOR, 2-PHASE PIPE, AMBIENT) | 850/1050            | 1                  | 1                     | 1                   | 1                      |                          | TH6,7                       |
| 29 | G    | S70 E10 208 | HIGH PRESSURE SWITCH                          | OFF 4.14MPa         | 1                  | 1                     | 1                   | 1                      |                          | 63H                         |
| 30 | G    | S70 E03 413 | CHARGE PLUG                                   |                     | 1                  | 1                     | 1                   | 1                      |                          |                             |
| 31 | G    | S70 C20 515 | TERMINAL BLOCK                                | 6P (L,N,⊕,S1,S2,S3) | 1                  | 1                     | 1                   | 1                      |                          | TB1                         |
| 32 | G    | S70 E56 315 | CONTROLLER BOARD                              |                     | 1                  | 1                     | 1                   | 1                      |                          | C.B                         |
| 33 | G    | S70 K04 259 | REACTOR (DCL)                                 |                     | 1                  | 1                     | 1                   | 1                      |                          | DCL                         |
| 34 | G    | S70 E31 313 | POWER BOARD                                   |                     | 1                  | 1                     | 1                   | 1                      |                          | P.B                         |

# RoHS PARTS LIST

## FUNCTIONAL AND ELECTRICAL PARTS

PUHZ-SHW112YHA

PUHZ-SHW140YHA



# RoHS PARTS LIST

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

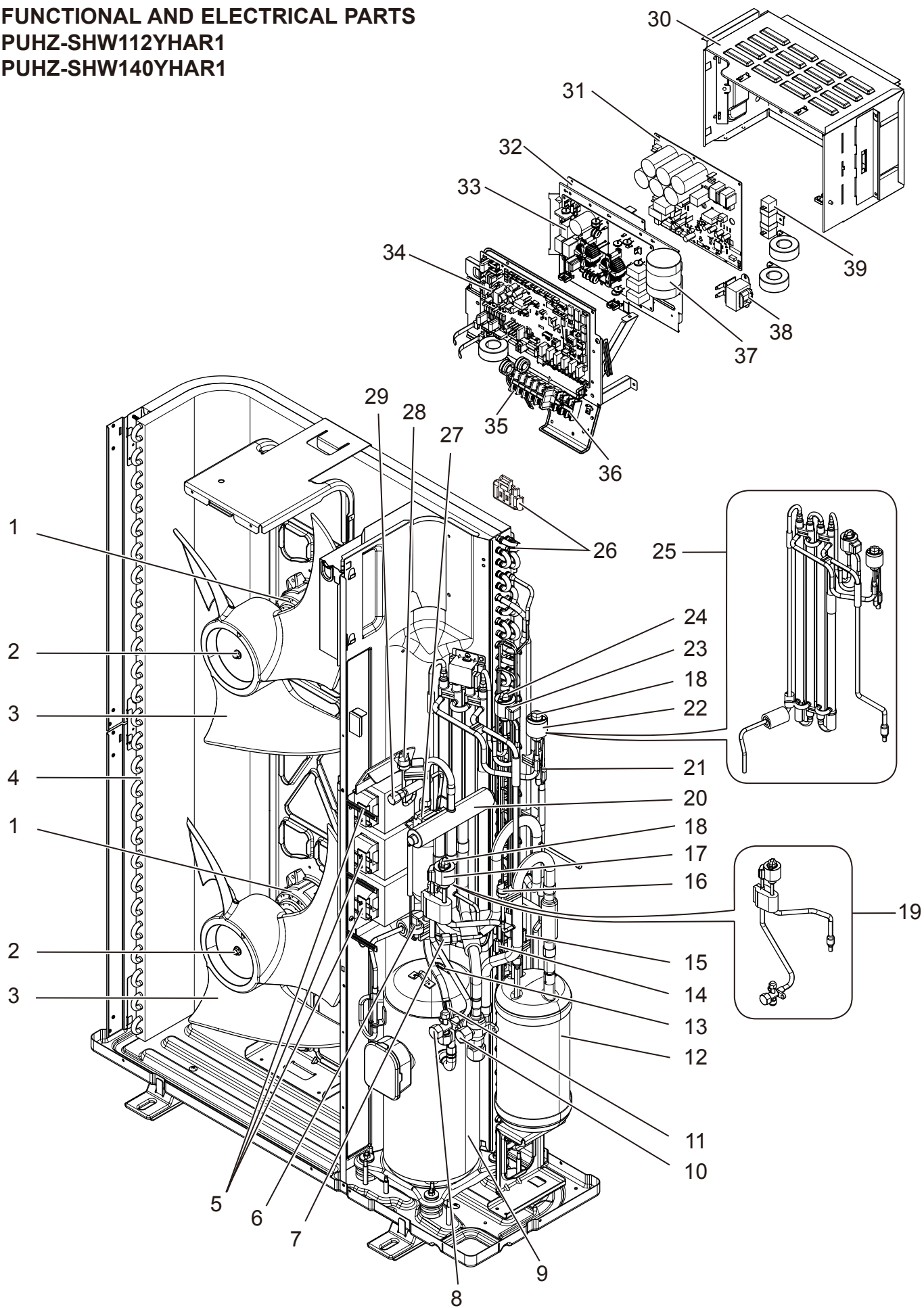
| No. | RoHS | Part No.    | Part Name                         | Specification     | Q'ty/unit    |     | Remarks<br>(Drawing No.)          | Wiring<br>Diagram<br>Symbol |
|-----|------|-------------|-----------------------------------|-------------------|--------------|-----|-----------------------------------|-----------------------------|
|     |      |             |                                   |                   | PUHZ-SHW-YHA |     |                                   |                             |
|     |      |             |                                   |                   | 112          | 140 |                                   |                             |
| 1   | G    | R01 E50 221 | FAN MOTOR                         |                   | 2            | 2   |                                   | MF1,2                       |
| 2   | G    | R01 E06 115 | PROPELLER FAN                     |                   | 2            | 2   |                                   |                             |
| 3   | G    | R01 E09 097 | NUT                               |                   | 2            | 2   |                                   |                             |
| 4   | G    | T7W E70 408 | HEAT EXCHANGER                    |                   | 1            | 1   |                                   |                             |
| 5   | G    | T7W E12 259 | REACTOR                           |                   | 3            | 3   |                                   | ACL1,2,3                    |
| 6   | G    | R01 E07 208 | HIGH PRESSURE SENSOR              |                   | 1            | 1   |                                   | 63HS                        |
| 7   | G    | R01 E17 413 | CHARGE PLUG                       |                   | 1            | 1   |                                   |                             |
| 8   | G    | R01 E13 410 | STOP VALVE                        | 3/8 (LIQUID)      | 1            | 1   |                                   |                             |
| 9   | G    | T97 421 077 | COMPRESSOR                        | ANB33FJLMT        | 1            | 1   | Including<br>RUBBER MOUNTS        | MC                          |
| 10  | G    | R01 E12 410 | BALL VALVE                        | 5/8 (GAS)         | 1            | 1   |                                   |                             |
| 11  | G    | R01 E22 201 | THERMISTOR (DISCHARGE)            |                   | 1            | 1   |                                   | TH4                         |
| 12  | G    | R01 E60 440 | POWER RECEIVER                    |                   | 1            | 1   |                                   |                             |
| 13  | G    | R01 H90 202 | THERMISTOR(COMP. SURFACE)         |                   | 1            | 1   |                                   | TH34                        |
| 14  | G    | R01 H00 202 | THERMISTOR (LIQUID)               |                   | 1            | 1   |                                   | TH3                         |
| 15  | G    | R01 H17 202 | THERMISTOR (SUCTION)              |                   | 1            | 1   |                                   | TH32                        |
| 16  | G    | T7W E38 401 | LEV ASSY                          |                   | 1            | 1   | Including coil for<br>LEV-B & STV |                             |
| 17  | G    | R01 E00 209 | LOW PRESSURE SWITCH               |                   | 1            | 1   |                                   | 63L                         |
| 18  | G    | R01 H08 242 | LINEAR EXPANSION VALVE COIL       |                   | 1            | 1   | Connector:Red                     | LEV-B                       |
| 19  | G    | T7W E27 401 | LINEAR EXPANSION VALVE            |                   | 2            | 2   | for LEV-A,B                       |                             |
| 20  | G    | R01 E15 403 | 4-WAY VALVE                       |                   | 1            | 1   |                                   |                             |
| 21  | G    | R01 H79 202 | THERMISTOR (REF. CHECK)           |                   | 1            | 1   |                                   | TH33                        |
| 22  | G    | T7W E39 401 | LEV ASSY HIC                      |                   | 1            | 1   | Including coil for LEV-A,C        |                             |
| 23  | G    | R01 H09 242 | LINEAR EXPANSION VALVE COIL       |                   | 1            | 1   | Connector:White                   | LEV-A                       |
| 24  | G    | R01 H10 242 | LINEAR EXPANSION VALVE COIL       |                   | 1            | 1   | Connector:Blue                    | LEV-C                       |
| 25  | G    | R01 H22 401 | LINEAR EXPANSION VALVE            |                   | 1            | 1   | for LEV-C                         |                             |
| 26  | G    | R01 H01 202 | THERMISTOR (2-PHASE PIPE,AMBIENT) |                   | 1            | 1   |                                   | TH6,7                       |
| 27  | G    | T7W E39 242 | SOLENOID COIL <4-WAY VALVE>       |                   | 1            | 1   |                                   | 21S4                        |
| 28  | G    | R01 E06 208 | HIGH PRESSURE SWITCH              |                   | 1            | 1   |                                   | 63H                         |
| 29  | G    | R01 E25 413 | CHARGE PLUG                       |                   | 1            | 1   |                                   |                             |
| 30  | G    | —           | ELECTRICAL PARTS BOX              |                   | 1            | 1   | (BK00C410G17)                     |                             |
| 31  | G    | T7W A10 323 | POWER CIRCUIT BOARD               |                   | 1            | 1   |                                   | P.B.                        |
| 32  | G    | T7W E75 310 | CONVERTER CIRCUIT BOARD           |                   | 1            | 1   |                                   | CONV.B.                     |
| 33  | G    | T7W E28 346 | NOISE FILTER CIRCUIT BOARD        |                   | 1            | 1   |                                   | N.F.                        |
| 34  | G    | T7W F19 315 | CONTROLLER CIRCUIT BOARD          |                   | 1            | 1   |                                   | C.B.                        |
| 35  | G    | T7W E30 716 | TERMINAL BLOCK                    | 5P (L1,L2,L3,N,Ⓢ) | 1            | 1   |                                   | TB1                         |
| 36  | G    | R01 E19 246 | TERMINAL BLOCK                    | 3P (S1,S2,S3)     | 1            | 1   |                                   | TB2                         |
| 37  | G    | R01 E31 259 | REACTOR                           |                   | 1            | 1   |                                   | ACL4                        |
| 38  | G    | T7W E10 254 | CAPACITOR                         |                   | 1            | 1   |                                   | CK                          |
| 39  | G    | R01 E10 233 | RESISTOR                          |                   | 1            | 1   |                                   | RS                          |
| 40  | G    | R01 E14 239 | FUSE                              | 250V 6.3A         | 4            | 4   |                                   | F1,2,3,4                    |
| 41  | G    | R01 E14 510 | LEAD ASSY COMP                    |                   | 1            | 1   |                                   |                             |
| 42  | G    | R01 H93 202 | THERMISTOR (HEAT SINK)            |                   | 1            | 1   |                                   | TH8                         |

# RoHS PARTS LIST

## FUNCTIONAL AND ELECTRICAL PARTS

PUHZ-SHW112YHAR1

PUHZ-SHW140YHAR1



# RoHS PARTS LIST

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

| No. | RoHS | Part No.    | Part Name                          | Specification     | Q'ty/unit      |     | Remarks<br>(Drawing No.)          | Wiring<br>Diagram<br>Symbol |
|-----|------|-------------|------------------------------------|-------------------|----------------|-----|-----------------------------------|-----------------------------|
|     |      |             |                                    |                   | PUHZ-SHW-YHAR1 |     |                                   |                             |
|     |      |             |                                    |                   | 112            | 140 |                                   |                             |
| 1   | G    | R01 E50 221 | FAN MOTOR                          |                   | 2              | 2   |                                   | MF1,2                       |
| 2   | G    | R01 E09 097 | NUT                                |                   | 2              | 2   |                                   |                             |
| 3   | G    | R01 E06 115 | PROPELLER FAN                      |                   | 2              | 2   |                                   |                             |
| 4   | G    | T7W E70 408 | HEAT EXCHANGER                     |                   | 1              | 1   |                                   |                             |
| 5   | G    | T7W E12 259 | REACTOR                            |                   | 3              | 3   |                                   | ACL1,2,3                    |
| 6   | G    | R01 E07 208 | HIGH PRESSURE SENSOR               |                   | 1              | 1   |                                   | 63HS                        |
| 7   | G    | R01 E17 413 | CHARGE PLUG                        |                   | 1              | 1   |                                   |                             |
| 8   | G    | R01 E13 410 | STOP VALVE                         | 3/8 (LIQUID)      | 1              | 1   |                                   |                             |
| 9   | G    | T97 421 077 | COMPRESSOR                         | ANB33FJLMT        | 1              | 1   | Including<br>RUBBER MOUNTS        | MC                          |
| 10  | G    | R01 E12 410 | BALL VALVE                         | 5/8 (GAS)         | 1              | 1   |                                   |                             |
| 11  | G    | R01 E22 201 | THERMISTOR (DISCHARGE)             |                   | 1              | 1   |                                   | TH4                         |
| 12  | G    | R01 E60 440 | POWER RECEIVER                     |                   | 1              | 1   |                                   |                             |
| 13  | G    | R01 H90 202 | THERMISTOR(COMP. SURFACE)          |                   | 1              | 1   |                                   | TH34                        |
| 14  | G    | R01 H00 202 | THERMISTOR (LIQUID)                |                   | 1              | 1   |                                   | TH3                         |
| 15  | G    | R01 H17 202 | THERMISTOR (SUCTION)               |                   | 1              | 1   |                                   | TH32                        |
| 16  | G    | R01 E00 209 | LOW PRESSURE SWITCH                |                   | 1              | 1   |                                   | 63L                         |
| 17  | G    | R01 H08 242 | LINEAR EXPANSION VALVE COIL        |                   | 1              | 1   | Connector:Red                     | LEV-B                       |
| 18  | G    | T7W E27 401 | LINEAR EXPANSION VALVE             |                   | 2              | 2   | for LEV-A,B                       |                             |
| 19  | G    | T7W E38 401 | LEV ASSY                           |                   | 1              | 1   | Including coil for LEV-B<br>& STV |                             |
| 20  | G    | R01 E15 403 | 4-WAY VALVE                        |                   | 1              | 1   |                                   |                             |
| 21  | G    | R01 H79 202 | THERMISTOR (REF. CHECK)            |                   | 1              | 1   |                                   | TH33                        |
| 22  | G    | R01 H09 242 | LINEAR EXPANSION VALVE COIL        |                   | 1              | 1   | Connector:White                   | LEV-A                       |
| 23  | G    | R01 H10 242 | LINEAR EXPANSION VALVE COIL        |                   | 1              | 1   | Connector:Blue                    | LEV-C                       |
| 24  | G    | R01 H22 401 | LINEAR EXPANSION VALVE             |                   | 1              | 1   | for LEV-C                         |                             |
| 25  | G    | T7W E39 401 | LEV ASSY HIC                       |                   | 1              | 1   | Including coil for LEV-A,C        |                             |
| 26  | G    | R01 H01 202 | THERMISTOR (2-PHASE PIPE, AMBIENT) |                   | 1              | 1   |                                   | TH6,7                       |
| 27  | G    | T7W E39 242 | SOLENOID COIL <4-WAY VALVE>        |                   | 1              | 1   |                                   | 21S4                        |
| 28  | G    | R01 E06 208 | HIGH PRESSURE SWITCH               |                   | 1              | 1   |                                   | 63H                         |
| 29  | G    | R01 E25 413 | CHARGE PLUG                        |                   | 1              | 1   |                                   |                             |
| 30  | G    | —           | ELECTRICAL PARTS BOX               |                   | 1              | 1   | (BK00C410G17)                     |                             |
| 31  | G    | T7W A20 323 | POWER CIRCUIT BOARD                |                   | 1              | 1   |                                   | P.B.                        |
| 32  | G    | T7W E75 310 | CONVERTER CIRCUIT BOARD            |                   | 1              | 1   |                                   | CONV.B.                     |
| 33  | G    | T7W E28 346 | NOISE FILTER CIRCUIT BOARD         |                   | 1              | 1   |                                   | N.F.                        |
| 34  | G    | T7W F19 315 | CONTROLLER CIRCUIT BOARD           |                   | 1              | 1   |                                   | C.B.                        |
| 35  | G    | T7W E30 716 | TERMINAL BLOCK                     | 5P (L1,L2,L3,N,⊕) | 1              | 1   |                                   | TB1                         |
| 36  | G    | R01 E19 246 | TERMINAL BLOCK                     | 3P (S1,S2,S3)     | 1              | 1   |                                   | TB2                         |
| 37  | G    | T7W E10 254 | CAPACITOR                          |                   | 1              | 1   |                                   | CK                          |
| 38  | G    | R01 E31 259 | REACTOR                            |                   | 1              | 1   |                                   | ACL4                        |
| 39  | G    | R01 E10 233 | RESISTOR                           |                   | 1              | 1   |                                   | RS                          |
| 40  | G    | R01 E14 510 | LEAD ASSY COMP                     |                   | 1              | 1   |                                   |                             |
| 41  | G    | R01 E14 239 | FUSE                               | 250V 6.3A         | 4              | 4   |                                   | F1,2,3,4                    |
| 42  | G    | R01 H93 202 | THERMISTOR (HEAT SINK)             |                   | 1              | 1   |                                   | TH8                         |

# RoHS PARTS LIST

## FUNCTIONAL AND ELECTRICAL PARTS

PUHZ-SHW112YHAR2.UK

PUHZ-SHW112YHAR2-BS.UK

PUHZ-SHW140YHAR2.UK

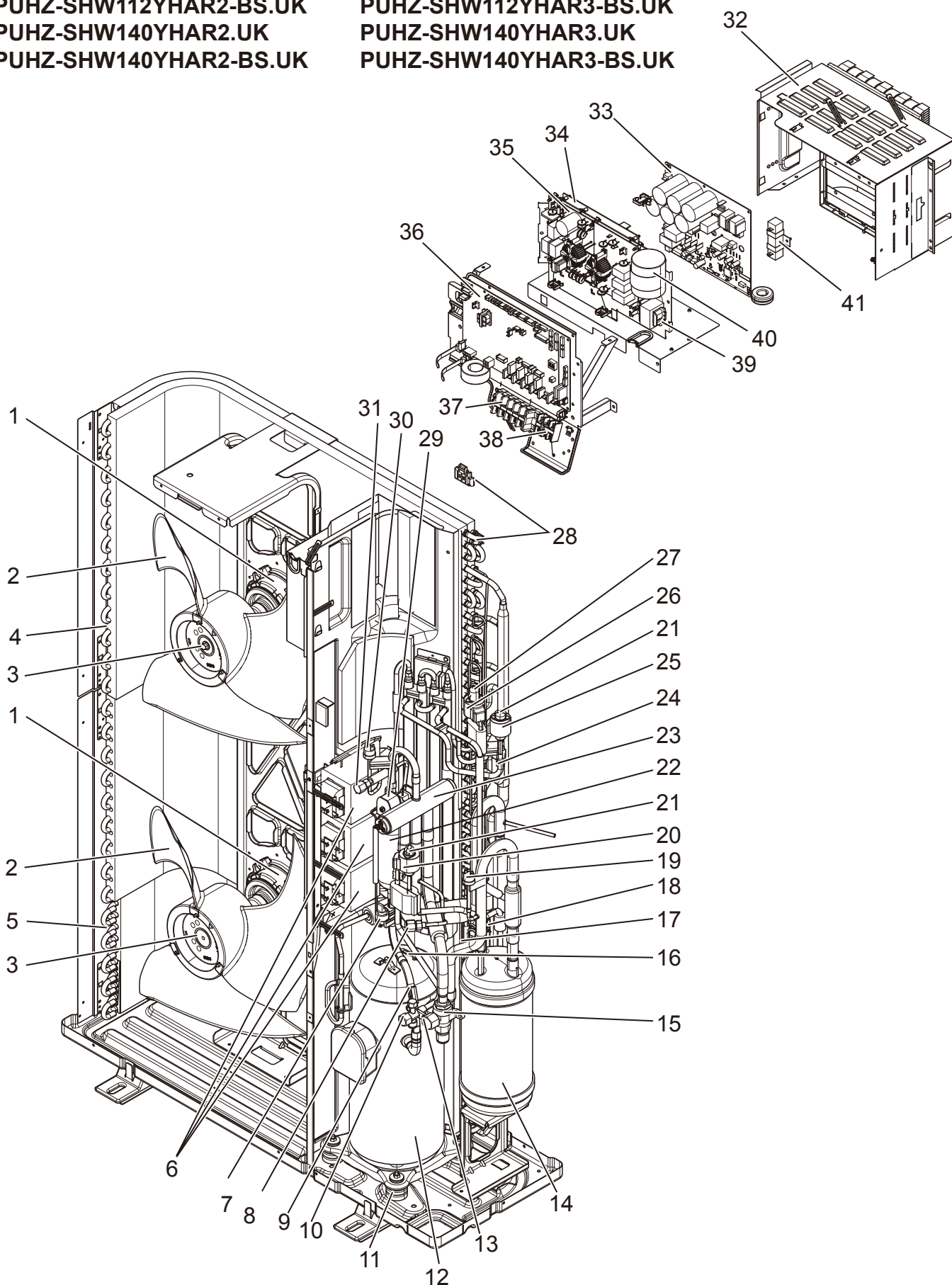
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PUHZ-SHW112YHAR3.UK

PUHZ-SHW112YHAR3-BS.UK

PUHZ-SHW140YHAR3.UK

PUHZ-SHW140YHAR3-BS.UK



# RoHS PARTS LIST

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

| No. | RoHS | Parts No.   | Parts Name                                   | Specification       | Q'ty/unit           |                        |                     |                        |                     |                        |                     |                        | Remarks<br>(Drawing No.) | Wiring<br>Diagram<br>Symbol |
|-----|------|-------------|----------------------------------------------|---------------------|---------------------|------------------------|---------------------|------------------------|---------------------|------------------------|---------------------|------------------------|--------------------------|-----------------------------|
|     |      |             |                                              |                     | PUHZ-SHW112YHAR2.UK | PUHZ-SHW112YHAR2-BS.UK | PUHZ-SHW140YHAR2.UK | PUHZ-SHW140YHAR2-BS.UK | PUHZ-SHW112YHAR3.UK | PUHZ-SHW112YHAR3-BS.UK | PUHZ-SHW140YHAR3.UK | PUHZ-SHW140YHAR3-BS.UK |                          |                             |
| 1   | G    | S70 E30 763 | FAN MOTOR                                    |                     | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      |                          | MF1,2                       |
| 2   | G    | S70 E30 115 | PROPELLER FAN                                |                     | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      |                          |                             |
| 3   | G    | S70 K01 097 | NUT                                          |                     | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      |                          |                             |
| 4   | G    | S70 E55 408 | HEAT EXCHANGER (TOP)                         |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 5   | G    | S70 E95 408 | HEAT EXCHANGER (UNDER)                       |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 6   | G    | S70 K80 259 | REACTOR                                      |                     | 3                   | 3                      | 3                   | 3                      | 3                   | 3                      | 3                   | 3                      |                          | ACL1,2,3                    |
| 7   | G    | S70 E11 208 | HIGH PRESSURE SENSOR                         |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | 63HS                        |
| 8   | G    | S70 E02 413 | CHARGE PLUG                                  |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 9   | G    | S70 E62 202 | THERMISTOR (DISCHARGE)                       | D8                  | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | TH4                         |
| 10  | G    | S70 600 418 | STOP VALVE (LIQUID)                          | 3/8'                | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 11  | G    | S70 E02 004 | RUBBER MOUNT                                 |                     | 4                   | 4                      | 4                   | 4                      | 4                   | 4                      | 4                   | 4                      |                          |                             |
| 12  | G    | S70 E60 400 | COMPRESSOR                                   | ANB33FJQMT          | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | MC                          |
| 13  | G    | S70 E06 411 | BALL VALVE (GAS)                             | 5/8'                | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 14  | G    | S70 E75 440 | POWER RECEIVER(ACCUMULATOR)                  |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 15  | G    | S70 36L 450 | STRAINER                                     | #50                 | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 16  | G    | S70 E54 202 | THERMISTOR (COMP.SURFACE)                    |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | TH34                        |
| 17  | G    | S70 E37 202 | THERMISTOR-H(LIQUID)                         | 1150 XA             | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | TH3                         |
| 18  | G    | S70 E66 202 | THERMISTOR(SUCTION)                          | 2/G950XA            | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | TH32                        |
| 19  | G    | S70 H20 209 | LOW PRESSURE SWITCH                          |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | 63L                         |
| 20  | G    | S70 E87 402 | LINEAR EXPANSION VALVE COIL                  | UKV-A211            | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | Connector: Red           | LEV-B                       |
| 21  | G    | S70 E92 401 | LINEAR EXPANSION VALVE                       | UKV32D135           | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      | FOR LEV-A,C              |                             |
| 22  | G    | S70 42H 467 | MUFFLER                                      |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 23  | G    | S70 E05 403 | REVERSING VALVE (4-WAY VALVE)                |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 24  | G    | S70 E64 202 | THERMISTOR                                   | 900-3P              | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | TH33                        |
| 25  | G    | S70 E88 402 | LINEAR EXPANSION VALVE COIL                  | UKV-A212            | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | Connector: White         | LEV-A                       |
| 26  | G    | S70 E99 402 | LINEAR EXPANSION VALVE COIL                  | UKV                 | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | Connector: Blue          | LEV-C                       |
| 27  | G    | S70 E80 401 | EXPANSION VALVE                              | UKV-18D35           | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | FOR LEV-C                |                             |
| 28  | G    | S70 E60 202 | THERMISTOR-W (OUTDOOR,2-PHASE PIPE, AMBIENT) |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | TH6,7                       |
| 29  | G    | S70 E08 242 | SOLENOID COIL <4WAY COIL>                    |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | 21S4                        |
| 30  | G    | S70 E10 208 | HIGH PRESSURE SWITCH                         | OFF 4.14MPa         | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | 63H                         |
| 31  | G    | S70 E03 413 | CHARGE PLUG                                  |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 32  | G    | S70 R82 316 | COMPLETE CONTROL BOX ASSY                    |                     | 1                   | 1                      |                     |                        | 1                   | 1                      |                     |                        |                          |                             |
|     | G    | S70 R83 316 | COMPLETE CONTROL BOX ASSY                    |                     |                     |                        | 1                   | 1                      |                     |                        | 1                   | 1                      |                          |                             |
| 33  | G    | S70 E90 313 | POWER BOARD                                  |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | P.B                         |
| 34  | G    | S70 E15 313 | CONVERTOR BOARD                              |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | CONV.B                      |
| 35  | G    | S70 E50 346 | NOISE FILTER                                 |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | N.F                         |
| 36  | G    | S70 E80 315 | CONTROLLER BOARD                             |                     | 1                   | 1                      | 1                   | 1                      |                     |                        |                     |                        |                          | C.B                         |
|     | G    | S70 E85 315 | CONTROLLER BOARD                             |                     |                     |                        |                     |                        | 1                   | 1                      | 1                   | 1                      |                          | C.B                         |
| 37  | G    | S70 E09 716 | TERMINAL BED                                 | 5P(L1, L2, L3,N, E) | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | TB1                         |
| 38  | G    | S70 E08 716 | TERMINAL BED                                 | 3P(S1, S2, S3)      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | TB2                         |
| 39  | G    | S70 K90 259 | REACTOR                                      |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | ACL4                        |
| 40  | G    | S70 E71 255 | CAPACITOR                                    |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | CK                          |
| 41  | G    | S70 E20 234 | RESISTOR                                     |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | RS                          |
| 42  | G    | S70 E55 202 | THERMISTOR (HEAT SINK)                       |                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          | TH8                         |

# RoHS PARTS LIST

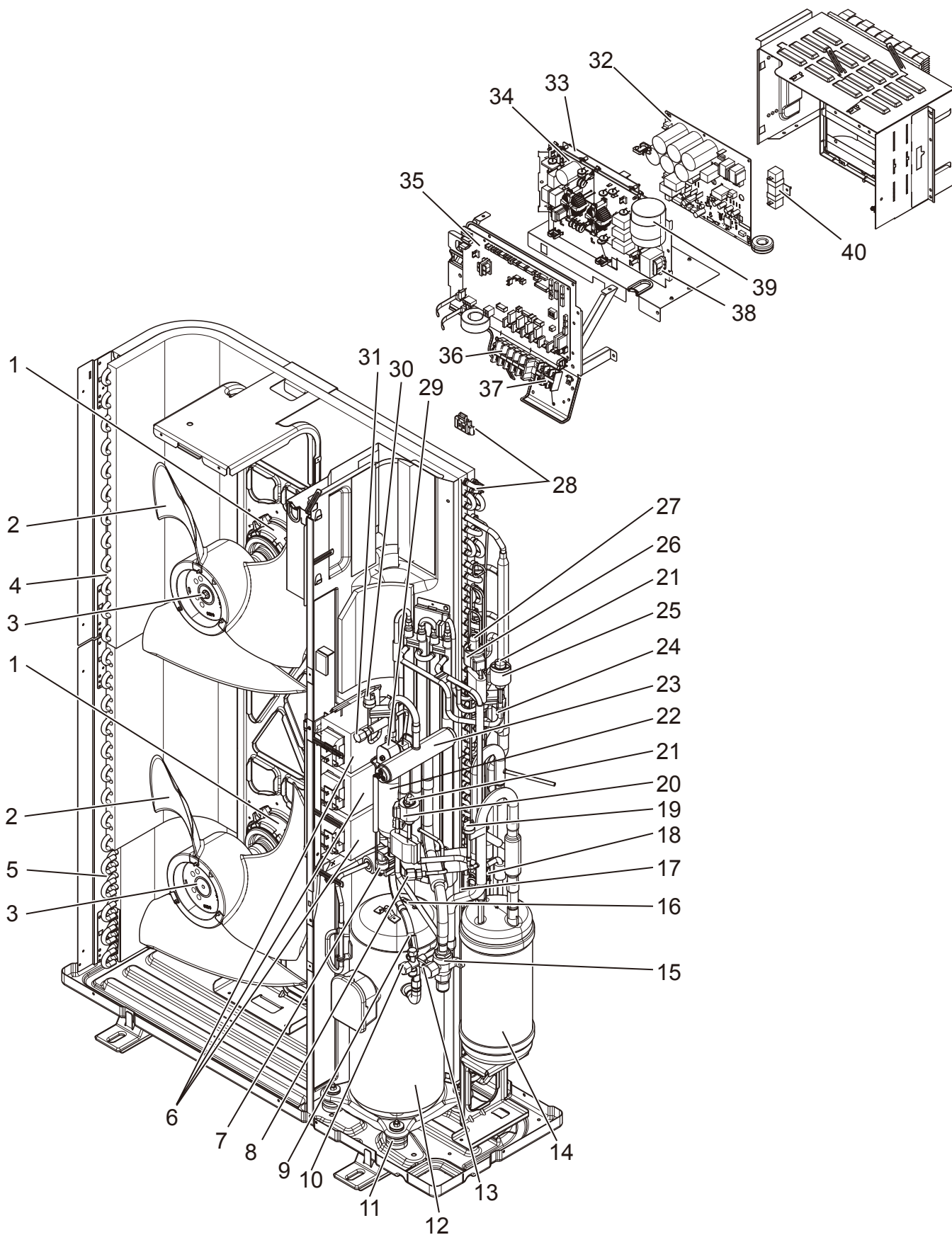
## FUNCTIONAL AND ELECTRICAL PARTS

PUHZ-SHW112YHAR4.UK

PUHZ-SHW140YHAR4.UK

PUHZ-SHW112YHAR4-BS.UK

PUHZ-SHW140YHAR4-BS.UK



# RoHS PARTS LIST

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

| No.  | RoHS | Parts No.   | Parts Name                                   | Specification       | Q'ty/unit           |                        |                     |                        | Remarks<br>(Drawing No.) | Wiring<br>Diagram<br>Symbol |
|------|------|-------------|----------------------------------------------|---------------------|---------------------|------------------------|---------------------|------------------------|--------------------------|-----------------------------|
|      |      |             |                                              |                     | PUHZ-SHW112YHAR4.UK | PUHZ-SHW112YHAR4.BS.UK | PUHZ-SHW140YHAR4.UK | PUHZ-SHW140YHAR4.BS.UK |                          |                             |
| 1    | G    | S70 E35 763 | FAN MOTOR                                    |                     | 2                   | 2                      | 2                   | 2                      |                          | MF1,2                       |
| 2    | G    | S70 E30 115 | PROPELLER FAN                                |                     | 2                   | 2                      | 2                   | 2                      |                          |                             |
| 3    | G    | S70 K01 097 | NUT                                          |                     | 2                   | 2                      | 2                   | 2                      |                          |                             |
| 4    | G    | S70 E55 408 | HEAT EXCHANGER (TOP)                         |                     | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 5    | G    | S70 E95 408 | HEAT EXCHANGER (UNDER)                       |                     | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 6    | G    | S70 K80 259 | REACTOR                                      |                     | 3                   | 3                      | 3                   | 3                      |                          | ACL1,2,3                    |
| 7    | G    | S70 E11 208 | HIGH PRESSURE SENSOR                         |                     | 1                   | 1                      | 1                   | 1                      |                          | 63HS                        |
| 8    | G    | S70 E02 413 | CHARGE PLUG                                  |                     | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 9    | G    | S70 E62 202 | THERMISTOR (DISCHARGE)                       | D8                  | 1                   | 1                      | 1                   | 1                      |                          | TH4                         |
| 10   | G    | S70 600 418 | STOP VALVE (LIQUID)                          | 3/8"                | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 11   | G    | S70 E02 004 | RUBBER MOUNT                                 |                     | 4                   | 4                      | 4                   | 4                      |                          |                             |
| 12   | G    | S70 E60 400 | COMPRESSOR                                   | ANB33FJQMT          | 1                   | 1                      | 1                   | 1                      |                          | MC                          |
| 13   | G    | S70 E06 411 | BALL VALVE (GAS)                             | 5/8"                | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 14   | G    | S70 E75 440 | POWER RECEIVER (ACCUMULATOR)                 |                     | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 15   | G    | S70 36L 450 | STRAINER                                     | #50                 | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 16   | G    | S70 E54 202 | THERMISTOR (COMP.SURFACE)                    |                     | 1                   | 1                      | 1                   | 1                      |                          | TH34                        |
| 17   | G    | S70 E37 202 | THERMISTOR-H(LIQUID)                         | 1150 XA             | 1                   | 1                      | 1                   | 1                      |                          | TH3                         |
| 18   | G    | S70 E66 202 | THERMISTOR(SUCTION)                          | 2/G950XA            | 1                   | 1                      | 1                   | 1                      |                          | TH32                        |
| 19   | G    | S70 H20 209 | LOW PRESSURE SWITCH                          |                     | 1                   | 1                      | 1                   | 1                      |                          | 63L                         |
| 20   | G    | S70 E87 402 | LINEAR EXPANSION VALVE COIL                  | UKV-A211            | 1                   | 1                      | 1                   | 1                      | Connector: Red           | LEV-B                       |
| 21   | G    | S70 E92 401 | LINEAR EXPANSION VALVE                       | UKV32D135           | 2                   | 2                      | 2                   | 2                      | FOR LEV-A,C              |                             |
| 22   | G    | S70 42H 467 | MUFFLER                                      |                     | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 23   | G    | S70 E05 403 | REVERSING VALVE (4-WAY VALVE)                |                     | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 24   | G    | S70 E63 202 | THERMISTOR                                   | 1000-3P             | 1                   | 1                      | 1                   | 1                      |                          | TH33                        |
| 25   | G    | S70 E88 402 | LINEAR EXPANSION VALVE COIL                  | UKV-A212            | 1                   | 1                      | 1                   | 1                      | Connector: White         | LEV-A                       |
| 26   | G    | S70 E99 402 | LINEAR EXPANSION VALVE COIL                  | UKV                 | 1                   | 1                      | 1                   | 1                      | Connector: Blue          | LEV-C                       |
| 27   | G    | S70 E80 401 | EXPANSION VALVE                              | UKV-18D35           | 1                   | 1                      | 1                   | 1                      | FOR LEV-C                |                             |
| 28   | G    | S70 E60 202 | THERMISTOR-W (OUTDOOR,2-PHASE PIPE, AMBIENT) |                     | 1                   | 1                      | 1                   | 1                      |                          | TH6,7                       |
| 29   | G    | S70 E08 242 | SOLENOID COIL <4WAY COIL>                    |                     | 1                   | 1                      | 1                   | 1                      |                          | 21S4                        |
| 30   | G    | S70 E10 208 | HIGH PRESSURE SWITCH                         | OFF 4.14MPa         | 1                   | 1                      | 1                   | 1                      |                          | 63H                         |
| 31   | G    | S70 E03 413 | CHARGE PLUG                                  |                     | 1                   | 1                      | 1                   | 1                      |                          |                             |
| 32   | G    | S70 E77 313 | POWER BOARD                                  |                     | 1                   | 1                      | 1                   | 1                      |                          | P.B                         |
| 33   | G    | S70 E75 313 | CONVERTOR BOARD                              |                     | 1                   | 1                      | 1                   | 1                      |                          | CONV.B                      |
| 34   | G    | S70 E75 346 | NOISE FILTER                                 |                     | 1                   | 1                      | 1                   | 1                      |                          | N.F                         |
| 35   | G    | S70 E56 315 | CONTROLLER BOARD                             |                     | 1                   | 1                      | 1                   | 1                      |                          | C.B                         |
| 36   | G    | S70 E09 716 | TERMINAL BED                                 | 5P(L1, L2, L3,N, E) | 1                   | 1                      | 1                   | 1                      |                          | TB1                         |
| 37   | G    | S70 E08 716 | TERMINAL BED                                 | 3P(S1, S2, S3)      | 1                   | 1                      | 1                   | 1                      |                          | TB2                         |
| 38   | G    | S70 K90 259 | REACTOR                                      |                     | 1                   | 1                      | 1                   | 1                      |                          | ACL4                        |
| 39   | G    | S70 E71 255 | CAPACITOR                                    |                     | 1                   | 1                      | 1                   | 1                      |                          | CK                          |
| 40   | G    | S70 E20 234 | RESISTOR                                     |                     | 1                   | 1                      | 1                   | 1                      |                          | RS                          |
| (41) | G    | S70 E55 202 | THERMISTOR (HEAT SINK)                       |                     | 1                   | 1                      | 1                   | 1                      |                          | TH8                         |

## RoHS PARTS LIST

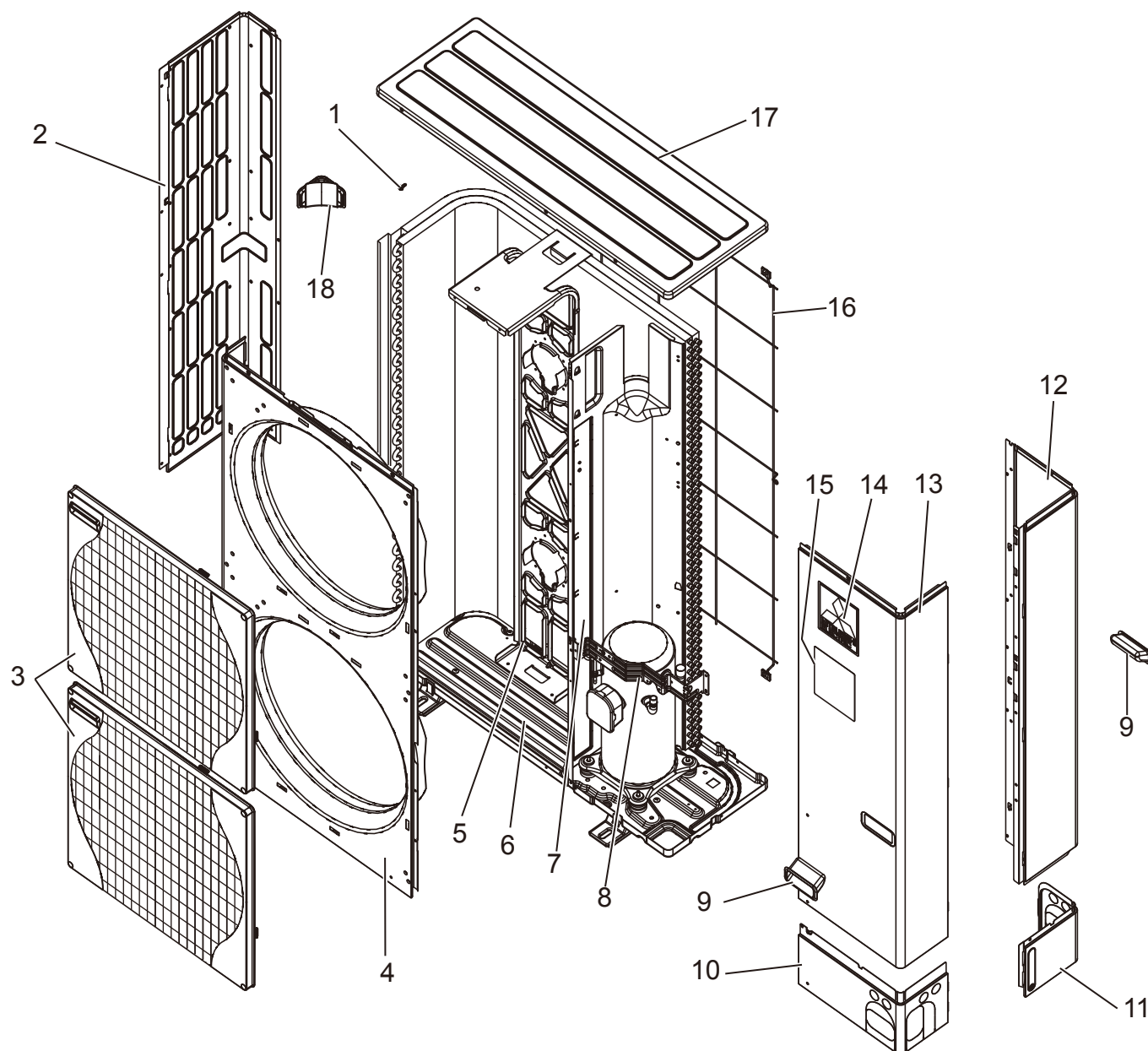
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PUHZ-SHW112VHA

PUHZ-SHW112YHA

PUHZ-SHW140YHA

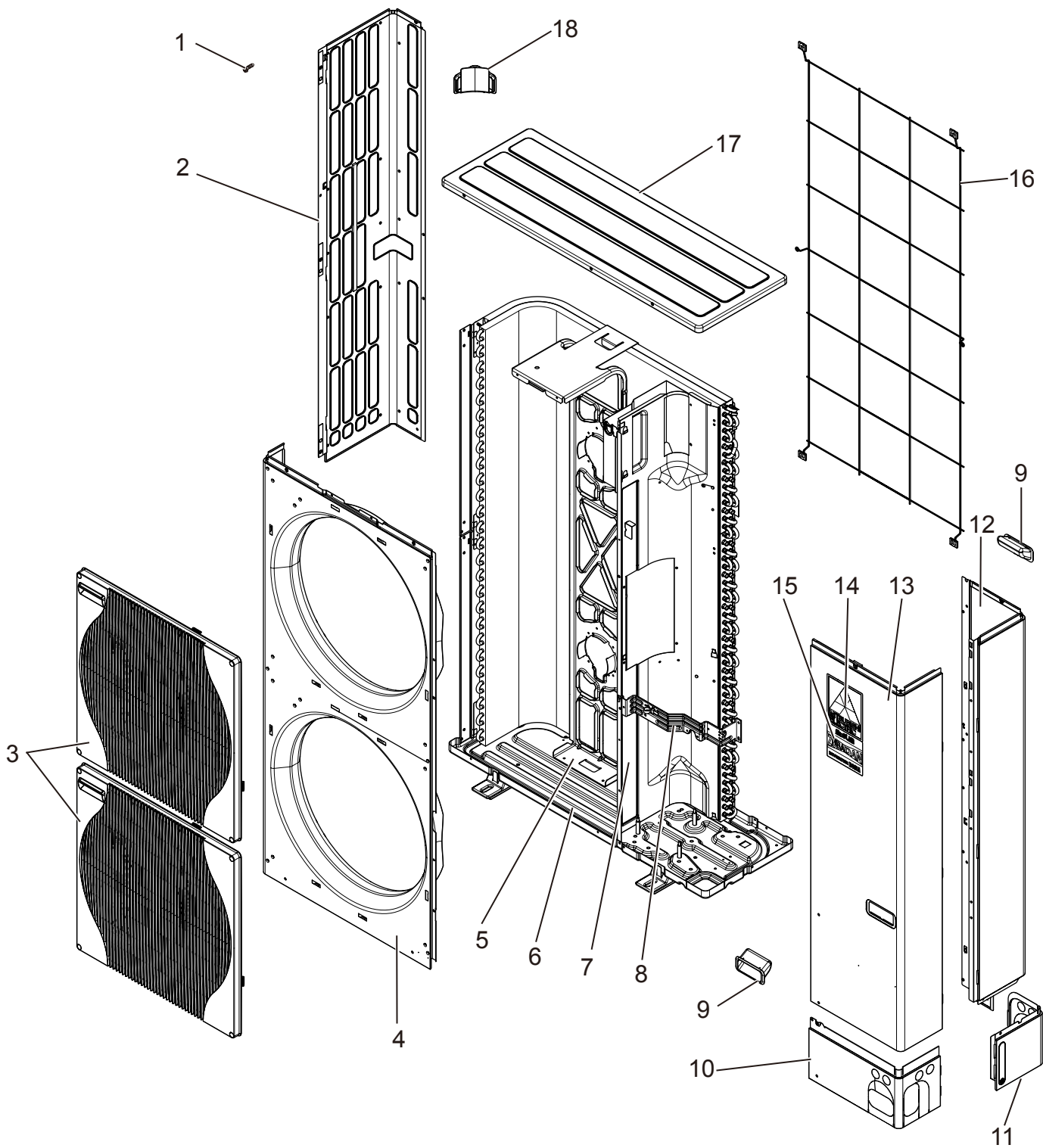


# RoHS PARTS LIST

| No. | RoHS | Part No.    | Part Name           | Specifi-<br>cation | Q'ty/unit |        |        |        | Remarks<br>(Drawing No.) | Wiring<br>Diagram<br>Symbol |
|-----|------|-------------|---------------------|--------------------|-----------|--------|--------|--------|--------------------------|-----------------------------|
|     |      |             |                     |                    | PUHZ-SHW  |        |        |        |                          |                             |
|     |      |             |                     |                    | 80VHA     | 112VHA | 112YHA | 140YHA |                          |                             |
| 1   | G    | —           | F.ST SCREW          | (5×12)             | 38        | 38     | 38     | 38     | (DG12F536H12)            |                             |
| 2   | G    | R01 E33 662 | SIDE PANEL (L)      |                    | 1         | 1      | 1      | 1      |                          |                             |
| 3   | G    | R01 E33 691 | FAN GRILLE          |                    | 2         | 2      | 2      | 2      |                          |                             |
| 4   | G    | R01 E16 668 | FRONT PANEL         |                    | 1         | 1      | 1      | 1      |                          |                             |
| 5   | G    | R01 E19 130 | MOTOR SUPPORT       |                    | 1         | 1      | 1      | 1      |                          |                             |
| 6   | G    | R01 E26 686 | BASE ASSY           |                    | 1         | 1      | 1      | 1      |                          |                             |
| 7   | G    | —           | SEPARATOR ASSY      |                    | 1         | 1      |        |        | (BK00C143GJ7)            |                             |
|     | G    | —           | SEPARATOR ASSY      |                    |           |        | 1      | 1      | (BK00C409G41)            |                             |
| 8   | G    | —           | VALVE BED ASSY      |                    | 1         | 1      | 1      | 1      | (BK00C142G28)            |                             |
| 9   | G    | R01 E01 655 | HANDLE              |                    | 2         | 2      | 2      | 2      |                          |                             |
| 10  | G    | R01 E26 658 | COVER PANEL (FRONT) |                    | 1         | 1      | 1      | 1      |                          |                             |
| 11  | G    | R01 E25 658 | COVER PANEL (REAR)  |                    | 1         | 1      | 1      | 1      |                          |                             |
| 12  | G    | R01 E44 661 | SIDE PANEL (R)      |                    | 1         | 1      | 1      | 1      |                          |                             |
| 13  | G    | T7W E08 667 | SERVICE PANEL       |                    | 1         | 1      | 1      | 1      |                          |                             |
| 14  | G    | —           | LABEL (MITSUBISHI)  |                    | 1         | 1      | 1      | 1      | (DG79R130H03)            |                             |
| 15  | G    | —           | BRAND LABEL         |                    | 1         | 1      | 1      | 1      | (BH79L116H03)            |                             |
| 16  | G    | R01 E07 698 | REAR GUARD          |                    | 1         | 1      | 1      | 1      |                          |                             |
| 17  | G    | R01 E14 641 | TOP PANEL           |                    | 1         | 1      |        |        |                          |                             |
|     | G    | R01 E15 641 | TOP PANEL           |                    |           |        | 1      | 1      |                          |                             |
| 18  | G    | R01 E02 655 | HANDLE              |                    | 1         | 1      | 1      | 1      |                          |                             |

# RoHS PARTS LIST

STRUCTURAL PARTS  
PUHZ-SHW112YHAR1  
PUHZ-SHW140YHAR1



# RoHS PARTS LIST

| No. | RoHS | Part No.    | Part Name           | Specifi-<br>cation | Q'ty/unit      |     | Remarks<br>(Drawing No.) | Wiring<br>Diagram<br>Symbol |
|-----|------|-------------|---------------------|--------------------|----------------|-----|--------------------------|-----------------------------|
|     |      |             |                     |                    | PUHZ-SHW-YHAR1 |     |                          |                             |
|     |      |             |                     |                    | 112            | 140 |                          |                             |
| 1   | G    | —           | F.ST SCREW          | (5×12)             | 38             | 38  | (DG12F536H12)            |                             |
| 2   | G    | R01 E33 662 | SIDE PANEL (L)      |                    | 1              | 1   |                          |                             |
| 3   | G    | R01 E33 691 | FAN GRILLE          |                    | 2              | 2   |                          |                             |
| 4   | G    | R01 E16 668 | FRONT PANEL         |                    | 1              | 1   |                          |                             |
| 5   | G    | R01 E19 130 | MOTOR SUPPORT       |                    | 1              | 1   |                          |                             |
| 6   | G    | R01 E26 686 | BASE ASSY           |                    | 1              | 1   |                          |                             |
| 7   | G    | —           | SEPARATOR ASSY      |                    | 1              | 1   | (BK00C409G41)            |                             |
| 8   | G    | —           | VALVE BED ASSY      |                    | 1              | 1   | (BK00C142G28)            |                             |
| 9   | G    | R01 E01 655 | HANDLE              |                    | 2              | 2   |                          |                             |
| 10  | G    | R01 E26 658 | COVER PANEL (FRONT) |                    | 1              | 1   |                          |                             |
| 11  | G    | R01 E25 658 | COVER PANEL (REAR)  |                    | 1              | 1   |                          |                             |
| 12  | G    | R01 E44 661 | SIDE PANEL (R)      |                    | 1              | 1   |                          |                             |
| 13  | G    | T7W E08 667 | SERVICE PANEL       |                    | 1              | 1   |                          |                             |
| 14  | G    | —           | LABEL (MITSUBISHI)  |                    | 1              | 1   | (DG79R130H03)            |                             |
| 15  | G    | —           | BRAND LABEL         |                    | 1              | 1   | (BH79L116H03)            |                             |
| 16  | G    | R01 E07 698 | REAR GUARD          |                    | 1              | 1   |                          |                             |
| 17  | G    | R01 E15 641 | TOP PANEL           |                    | 1              | 1   |                          |                             |
| 18  | G    | R01 E02 655 | HANDLE              |                    | 1              | 1   |                          |                             |

# RoHS PARTS LIST

## STRUCTURAL PARTS

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PUHZ-SHW112VHAR2.UK

PUHZ-SHW112VHAR2-BS.UK

PUHZ-SHW112YHAR2.UK

PUHZ-SHW112YHAR2-BS.UK

PUHZ-SHW140YHAR2.UK

PUHZ-SHW140YHAR2-BS.UK

PUHZ-SHW80VHAR3.UK

PUHZ-SHW80VHAR3-BS.UK

PUHZ-SHW112VHAR3.UK

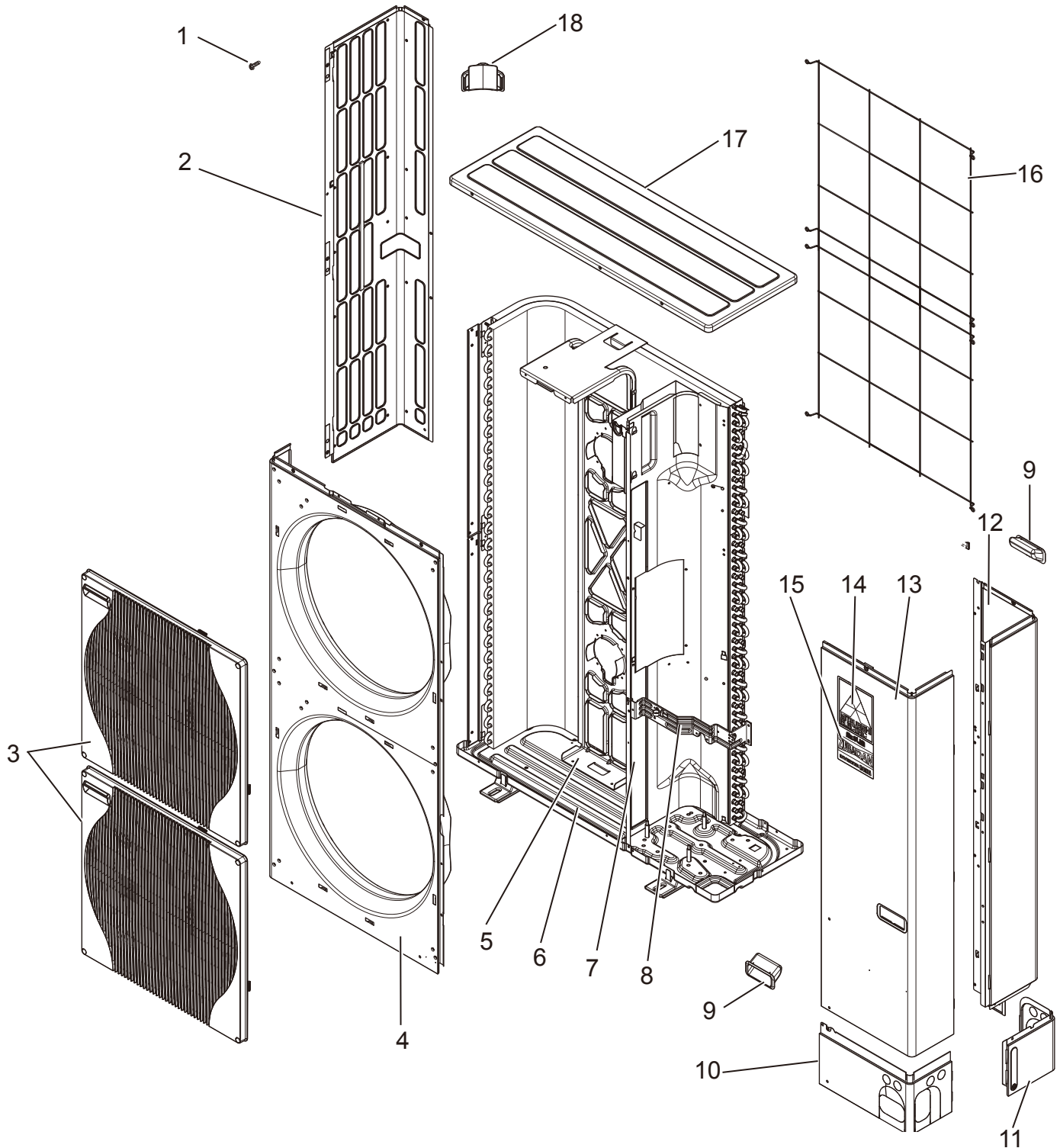
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PUHZ-SHW112YHAR3.UK

PUHZ-SHW112YHAR3-BS.UK

PUHZ-SHW140YHAR3.UK

PUHZ-SHW140YHAR3-BS.UK



# RoHS PARTS LIST

| No. | RoHS | Part No.    | Part Name           | Specifi-<br>cation | Q'ty/unit          |                       |                     |                        |                     |                        |                     |                        |                    |                       |                     |                        |                     |                        |                     |                        | Remarks<br>(Drawing No.) |
|-----|------|-------------|---------------------|--------------------|--------------------|-----------------------|---------------------|------------------------|---------------------|------------------------|---------------------|------------------------|--------------------|-----------------------|---------------------|------------------------|---------------------|------------------------|---------------------|------------------------|--------------------------|
|     |      |             |                     |                    | PUHZ-SHW80VHAR2.UK | PUHZ-SHW80VHAR2-BS.UK | PUHZ-SHW112VHAR2.UK | PUHZ-SHW112VHAR2-BS.UK | PUHZ-SHW112YHAR2.UK | PUHZ-SHW112YHAR2-BS.UK | PUHZ-SHW140YHAR2.UK | PUHZ-SHW140YHAR2-BS.UK | PUHZ-SHW80VHAR3.UK | PUHZ-SHW80VHAR3-BS.UK | PUHZ-SHW112VHAR3.UK | PUHZ-SHW112VHAR3-BS.UK | PUHZ-SHW112YHAR3.UK | PUHZ-SHW112YHAR3-BS.UK | PUHZ-SHW140YHAR3.UK | PUHZ-SHW140YHAR3-BS.UK |                          |
| 1   | G    | —           | F.ST SCREW          | (5×12)             | 50                 | 50                    | 50                  | 50                     | 50                  | 50                     | 50                  | 50                     | 50                 | 50                    | 50                  | 50                     | 50                  | 50                     | 50                  | 50                     | DG12F536H12-JP           |
| 2   | G    | S70 E15 662 | SIDE PANEL (L)      |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E16 662 | SIDE PANEL (L)      |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 3   | G    | S70 E30 675 | FAN GRILLE          |                    | 2                  | 2                     | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      | 2                  | 2                     | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      |                          |
| 4   | G    | S70 E40 668 | FRONT PANEL         |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E51 668 | FRONT PANEL         |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 5   | G    | S70 E20 130 | MOTOR SUPPORT       |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E80 130 | MOTOR SUPPORT       |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 6   | G    | S70 E71 686 | BASE ASSY           |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E81 686 | BASE ASSY           |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 7   | G    | —           | SEPARATOR           |                    | 1                  |                       | 1                   |                        |                     |                        |                     |                        | 1                  |                       | 1                   |                        |                     |                        |                     |                        | BK00C456G72              |
|     | G    | —           | SEPARATOR           |                    |                    |                       |                     |                        | 1                   |                        | 1                   |                        |                    |                       |                     |                        | 1                   |                        | 1                   |                        | BK00C456G73              |
|     | G    | —           | SEPARATOR           |                    |                    | 1                     |                     | 1                      |                     |                        |                     |                        | 1                  |                       | 1                   |                        |                     |                        |                     |                        | BK00C456G74              |
|     | G    | —           | SEPARATOR           |                    |                    |                       |                     |                        |                     | 1                      |                     | 1                      |                    |                       |                     |                        |                     | 1                      |                     | 1                      | BK00C456G75              |
| 8   | G    | S71 0VB 001 | VALVE BED ASSY      |                    | 1                  | 1                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |
| 9   | G    | S70 30L 655 | HANDLE              |                    | 2                  | 2                     | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      | 2                  | 2                     | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      |                          |
| 10  | G    | S70 E30 658 | COVER PANEL (FRONT) |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E31 658 | COVER PANEL (FRONT) |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 11  | G    | S70 E40 658 | COVER PANEL (REAR)  |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E41 658 | COVER PANEL (REAR)  |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 12  | G    | S70 E80 662 | SIDE PANEL(R)       |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E90 662 | SIDE PANEL(R)       |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 13  | G    | S70 E31 661 | SERVICE PANEL       |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E41 661 | SERVICE PANEL       |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 14  | G    | S70 E20 699 | LABEL (MITSUBISHI)  |                    | 1                  | 1                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |
| 15  | G    | S70 E30 699 | LABEL (BRAND)       |                    | 1                  | 1                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |
| 16  | G    | S70 E20 698 | REAR GUARD          |                    | 2                  | 2                     | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      | 2                  | 2                     | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      |                          |
| 17  | G    | S70 E20 641 | TOP PANEL           |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E30 641 | TOP PANEL           |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 18  | G    | S70 E10 655 | HANDLE              |                    | 1                  | 1                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      | 1                  | 1                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |

# RoHS PARTS LIST

## STRUCTURAL PARTS

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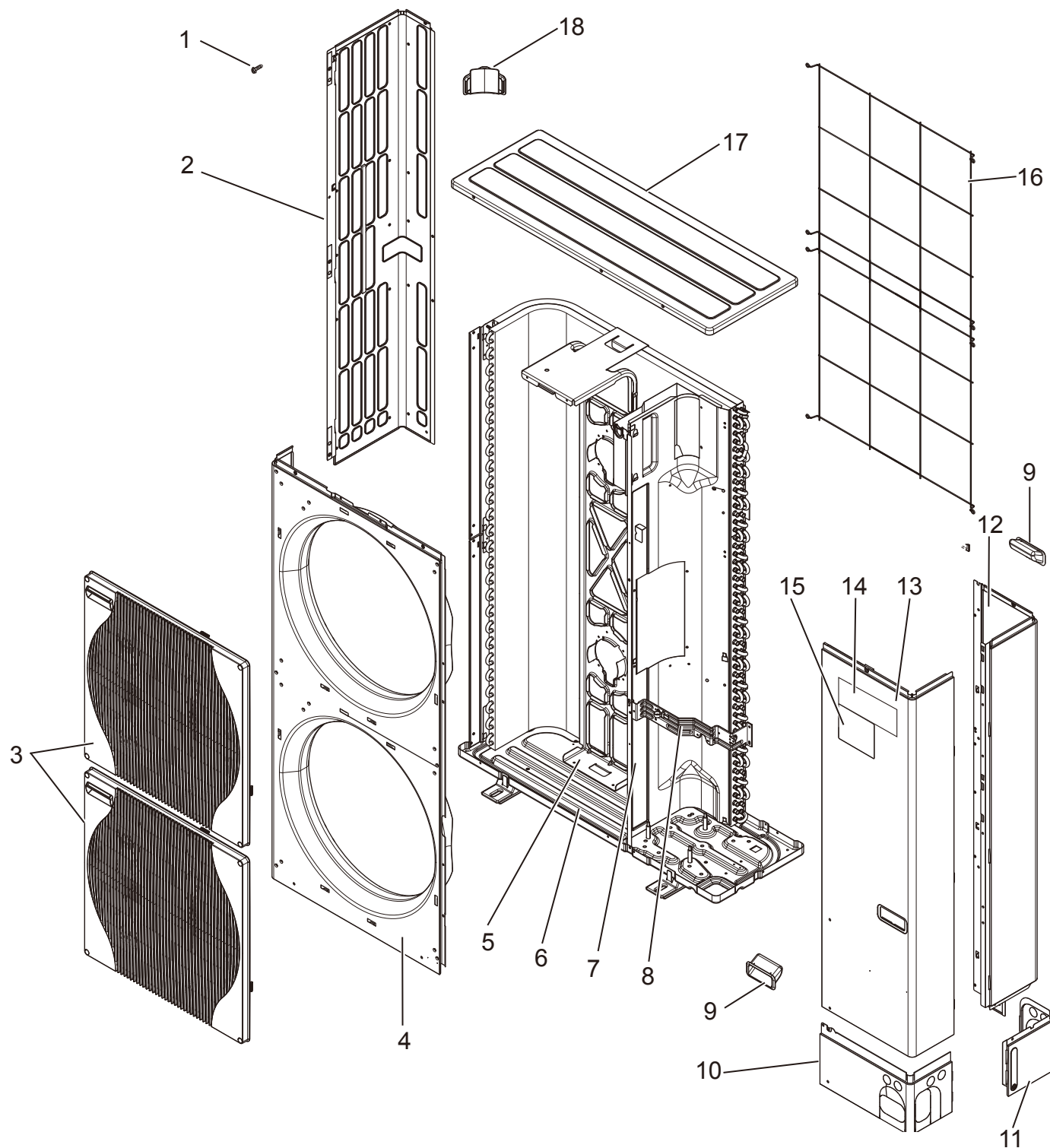
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PUHZ-SHW112VHAR4.UK

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PUHZ-SHW140YHAR4.UK

PUHZ-SHW140YHAR4-BS.UK



# RoHS PARTS LIST

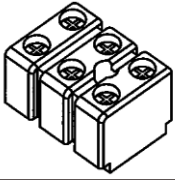
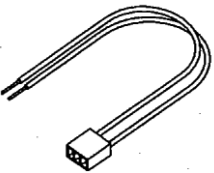
| No. | RoHS | Part No.    | Part Name           | Specifi-<br>cation | Q'ty/unit          |                       |                     |                        |                     |                        |                     |                        | Remarks<br>(Drawing No.) |
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| 1   | G    | —           | F.ST SCREW          | (5×12)             | 50                 | 50                    | 50                  | 50                     | 50                  | 50                     | 50                  | 50                     | DG12F536H12-JP           |
| 2   | G    | S70 E15 662 | SIDE PANEL (L)      |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E16 662 | SIDE PANEL (L)      |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 3   | G    | S70 E30 675 | FAN GRILLE          |                    | 2                  | 2                     | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      |                          |
| 4   | G    | S70 E40 668 | FRONT PANEL         |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E51 668 | FRONT PANEL         |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 5   | G    | S70 E25 130 | MOTOR SUPPORT       |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E85 130 | MOTOR SUPPORT       |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 6   | G    | S70 E72 686 | BASE ASSY           |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E82 686 | BASE ASSY           |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 7   | G    | —           | SEPARATOR           |                    | 1                  |                       | 1                   |                        |                     |                        |                     |                        | BK00C456G72              |
|     | G    | —           | SEPARATOR           |                    |                    |                       |                     |                        | 1                   |                        | 1                   |                        | BK00C456G73              |
|     | G    | —           | SEPARATOR           |                    |                    | 1                     |                     | 1                      |                     |                        |                     |                        | BK00C456G74              |
|     | G    | —           | SEPARATOR           |                    |                    |                       |                     |                        |                     | 1                      |                     | 1                      | BK00C456G75              |
| 8   | G    | S71 0VB 001 | VALVE BED ASSY      |                    | 1                  | 1                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |
| 9   | G    | S70 30L 655 | HANDLE              |                    | 2                  | 2                     | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      |                          |
| 10  | G    | S70 E30 658 | COVER PANEL (FRONT) |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E31 658 | COVER PANEL (FRONT) |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 11  | G    | S70 E40 658 | COVER PANEL (REAR)  |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E41 658 | COVER PANEL (REAR)  |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 12  | G    | S70 E80 662 | SIDE PANEL(R)       |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E90 662 | SIDE PANEL(R)       |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 13  | G    | S70 E31 661 | SERVICE PANEL       |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E41 661 | SERVICE PANEL       |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 14  | G    | S70 E60 699 | LABEL (MITSUBISHI)  |                    | 1                  | 1                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |
| 15  | G    | S70 E35 699 | LABEL (BRAND)       |                    | 1                  | 1                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |
| 16  | G    | S70 E20 698 | REAR GUARD          |                    | 2                  | 2                     | 2                   | 2                      | 2                   | 2                      | 2                   | 2                      |                          |
| 17  | G    | S70 E20 641 | TOP PANEL           |                    | 1                  |                       | 1                   |                        | 1                   |                        | 1                   |                        |                          |
|     | G    | S70 E30 641 | TOP PANEL           |                    |                    | 1                     |                     | 1                      |                     | 1                      |                     | 1                      |                          |
| 18  | G    | S70 E10 655 | HANDLE              |                    | 1                  | 1                     | 1                   | 1                      | 1                   | 1                      | 1                   | 1                      |                          |

## CONNECTOR FOR DRAIN HOSE HEATER

Parts No.

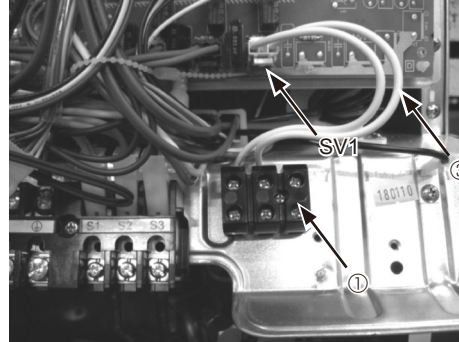
PAC-SE60RA-E

## Contents

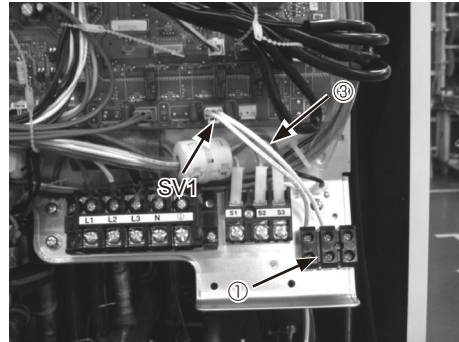
|                                                                                    |    |
|------------------------------------------------------------------------------------|----|
| ① Terminal block                                                                   | ×1 |
|   |    |
| ② Screw                                                                            | ×1 |
|   |    |
| ③ Lead wire with connector                                                         | ×1 |
|  |    |

## Installation

## ● PUHZ-SHW80/112VHA



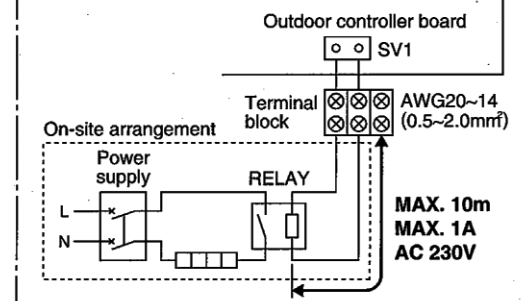
## ● PUHZ-SHW112/140YHA



1. Attach the terminal block ①, with the screw ②.
2. Connect the lead wire ③ connector side to SV1 port on the outdoor controller board.
3. Connect the lead wire ③ to the terminal block ①.
4. Wire local cables for a drain hose heater RELAY to the terminal block ①.

- Drain hose heater RELAY connection only
- MAX current 1A

## Circuit diagram example



SV1 on the controller board  
→ Drain hose heater signal output  
With PAC-SE60RA-E

From defrost start  
For 15 min. ON signal provided

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