

# Hoshizaki America, Inc.

## Modular Crescent Cuber

### Models

KMD-90 IMAH

KMD-90 IMWH(-M)

KMD-90 IMRH



“A Superior Degree  
of Reliability”

[www.hoshizaki.com](http://www.hoshizaki.com)

## PARTS LIST



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## Auxiliary Codes

### KMD-901MAH

S-0 December 2007  
T-0 April 2008  
U-1 May 2009  
U-2 August 2009  
V-0 January 2010

### KMD-901MWH

S-0 December 2007  
T-0 April 2008  
U-0 January 2009  
U-1 March 2009  
U-2 October 2009  
V-1 July 2010  
A-0 November 2011  
A-1 November 2011  
B-0 February 2012  
C-0 March 2013  
C-1 October 2013  
D-0 March 2014  
E-0 January 2015

### KMD-901MRH

S-0 December 2007  
T-0 April 2008  
U-0 January 2009  
U-1 February 2009  
U-2 August 2009  
V-0 January 2010  
V-1 July 2010  
A-0 January 2011  
A-1 October 2011  
B-0 January 2012  
C-0 January 2013  
D-0 January 2014  
D-1 December 2014  
E-0 January 2015

### KMD-901MWH-M

B-0 November 2012

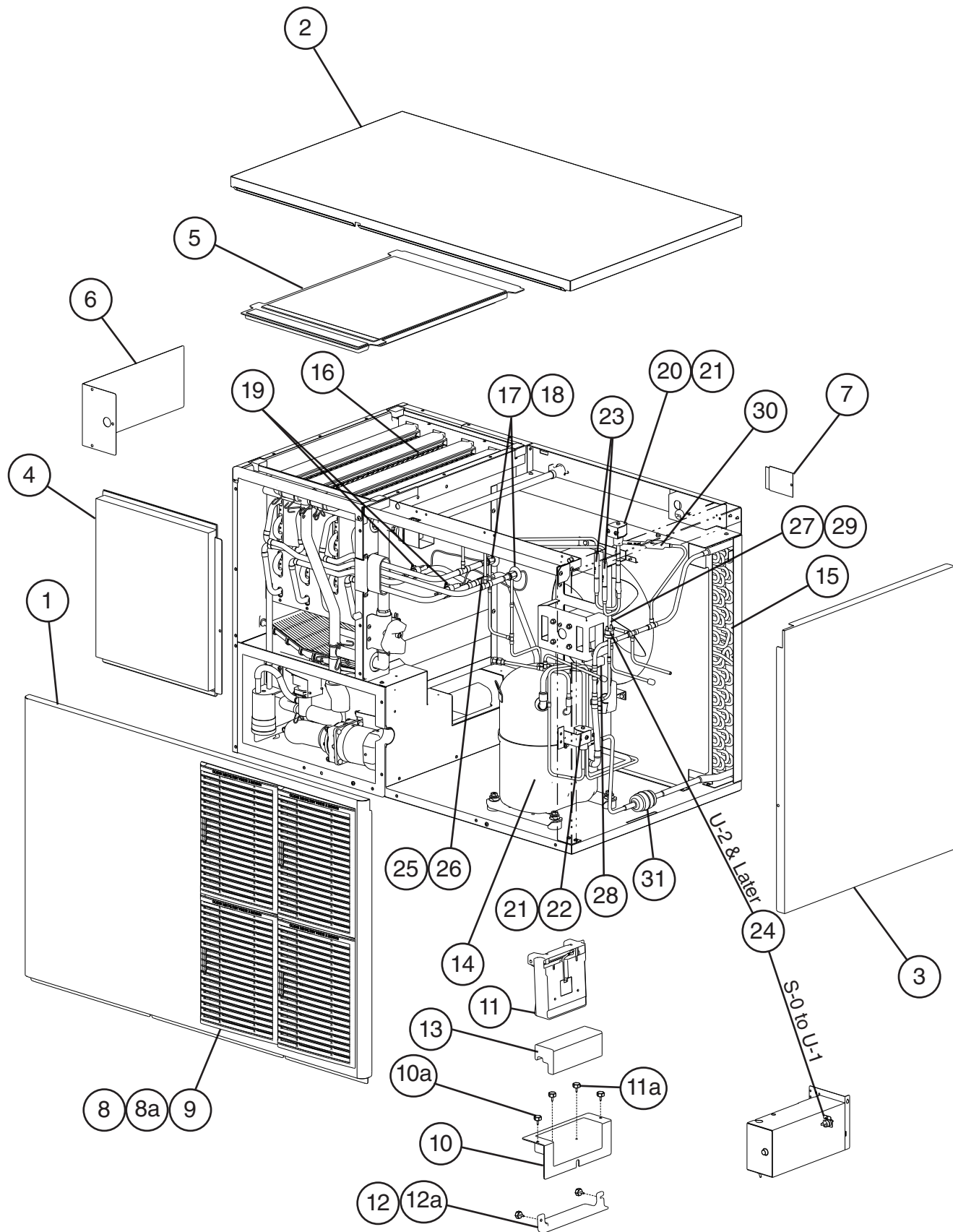
## Auxiliary Code Breakdown

The auxiliary code is the first two characters in the serial number. The first character indicates the year. Years progress or regress in alphabetical order. The series runs from "A" through "V" and the letters "I" and "O" are skipped. The second character indicates significant part changes within a year. Base is "0" and this number advances for each change. In cases where there is a letter in parentheses, this designates the month. This is the last character in the serial number. The series runs from "(A)" through "(M)" and the letter "(I)" is skipped. This designation is only included when identifying a parts change within an auxiliary code.

## Note About Ordering Parts

Most assemblies cannot be ordered as complete units; parts in the assemblies generally must be ordered separately.

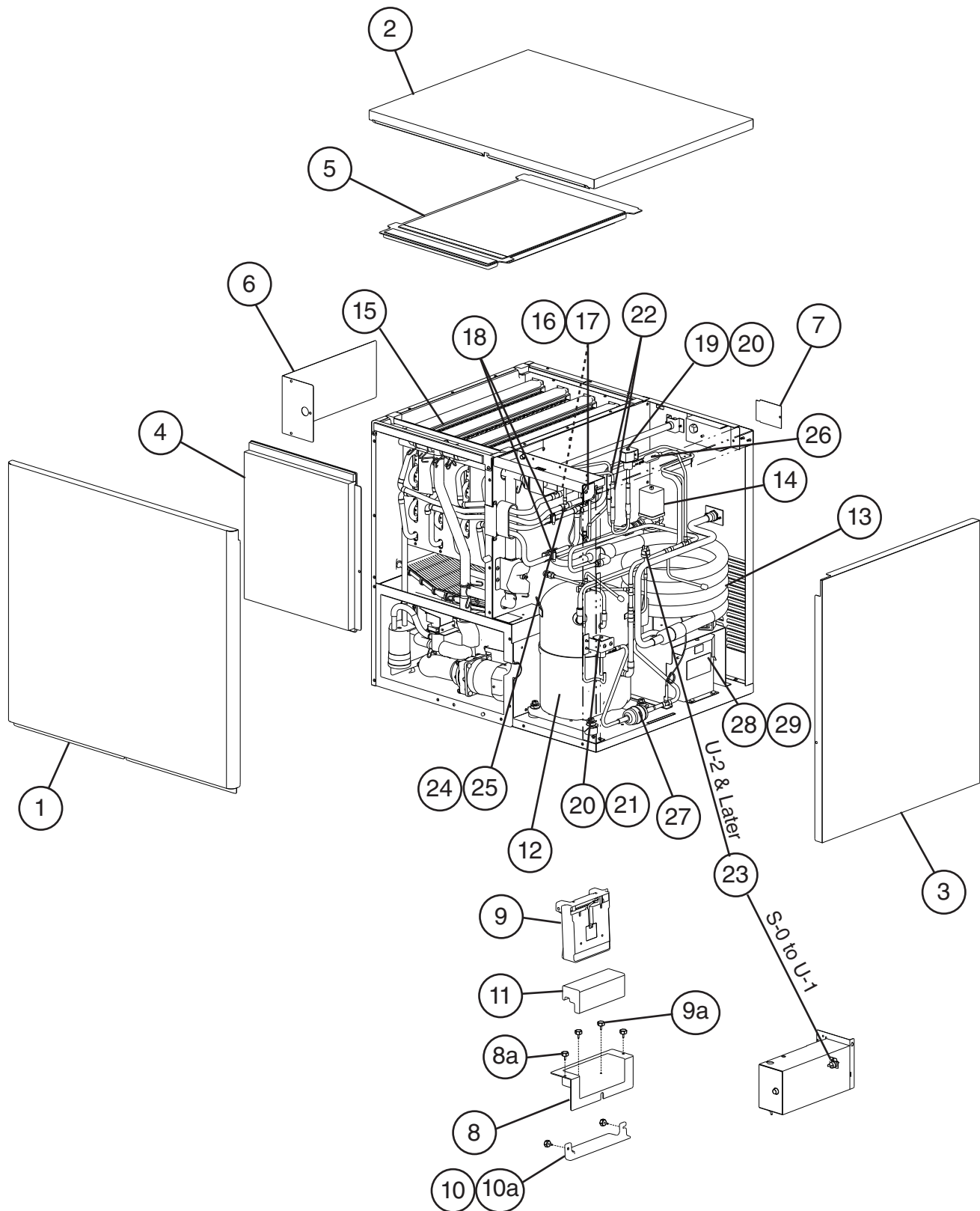
# **A. Main Assembly & Refrigeration Circuit** **KMD-901MAH** S-0 to V-0



| Title: A. Main Assembly & Refrigeration Circuit    Model: KMD-901MAH |                                          |                          |             |                 |     |            |  |  |  |  |  |  |
|----------------------------------------------------------------------|------------------------------------------|--------------------------|-------------|-----------------|-----|------------|--|--|--|--|--|--|
| Index No.                                                            | Description                              | Material or Model Number | Part Number | Required Number |     |            |  |  |  |  |  |  |
|                                                                      |                                          |                          |             | S-0 to T-0      | U-1 | U-2 to V-0 |  |  |  |  |  |  |
| Main Assembly                                                        |                                          |                          |             |                 |     |            |  |  |  |  |  |  |
| 1                                                                    | Front Panel                              |                          | 2A2932G01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 2                                                                    | Top Panel                                |                          | 2A2931G01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 3                                                                    | Right Side Panel                         |                          | 2A2800G01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 4                                                                    | Front Insulation                         |                          | 3A2933G01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 5                                                                    | Top Insulation                           |                          | 3A2934G01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 6                                                                    | Control Box Cover                        |                          | 3A2371-01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 7                                                                    | Junction Box Cover                       |                          | 433410-01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 8                                                                    | Louver                                   |                          | 1A0548-01   | 4               | 4   | 4          |  |  |  |  |  |  |
| 8a                                                                   | Push Retainer                            |                          | 4A2414-01   | 12              | 12  | 12         |  |  |  |  |  |  |
| 9                                                                    | Air Filter                               |                          | 2A2063G01   | 4               | 4   | 4          |  |  |  |  |  |  |
| 10                                                                   | Mechanical Bin Switch Cover              |                          | 3A2642-01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 10a                                                                  | Thumbscrew                               |                          | 415949G10   | 2               | 2   | 2          |  |  |  |  |  |  |
| 11                                                                   | Mechanical Bin Control                   |                          | 464574-01   | 1               | -   |            |  |  |  |  |  |  |
|                                                                      |                                          |                          | 2A4393G01   |                 | 1   | 1          |  |  |  |  |  |  |
| 11a                                                                  | Thumbscrew                               |                          | 415949G10   | 2               | 2   | 2          |  |  |  |  |  |  |
| 12                                                                   | Mechanical Bin Switch Guide              |                          | 3A2643-01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 12a                                                                  | Thumbscrew                               |                          | 415949G10   | 2               | 2   | 2          |  |  |  |  |  |  |
| 13                                                                   | Mechanical Bin Switch Insulation         |                          | 4A3068-01   | 1               | 1   | 1          |  |  |  |  |  |  |
| Refrigeration Circuit                                                |                                          |                          |             |                 |     |            |  |  |  |  |  |  |
| 14                                                                   | Compressor                               |                          | 4A4134-01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 15                                                                   | Condenser                                |                          | 1A1432-01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 16                                                                   | Evaporator                               |                          | 2A2781G02   | 1               | 1   | 1          |  |  |  |  |  |  |
| 17                                                                   | Thermostatic Expansion Valve             |                          | 4A1414-01   | 2               | 2   | 2          |  |  |  |  |  |  |
| 18                                                                   | Thermostatic Expansion Valve Cover       |                          | 3A0944-01   | 2               | 2   | 2          |  |  |  |  |  |  |
| 19                                                                   | Thermostatic Expansion Valve Bulb Holder |                          | 3A0107-01   | 2               | 2   | 2          |  |  |  |  |  |  |
| 20                                                                   | Hot Gas Valve Body                       |                          | 4A3978-01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 21                                                                   | Valve Coil                               |                          | 4A3277-01   | 2               | 2   | 2          |  |  |  |  |  |  |
| 22                                                                   | Liquid Line Valve Body                   |                          | 4A3276-01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 23                                                                   | Check Valve                              |                          | 4A1373-01   | 2               | 2   | 2          |  |  |  |  |  |  |
| 24                                                                   | High-Pressure Switch                     |                          | 433441-07   | 1               | 1   | -          |  |  |  |  |  |  |
|                                                                      |                                          |                          | 463180-04   |                 |     | 1          |  |  |  |  |  |  |
| 25                                                                   | Thermistor                               | L=1050 mm                | 429006-03   | 1               | 1   | 1          |  |  |  |  |  |  |
| 26                                                                   | Thermistor Holder                        |                          | 427430-01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 27                                                                   | Fan Motor                                |                          | 4A3158-01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 28                                                                   | Fan Motor Capacitor                      | 5.0MFD 250VAC            | 443192-02   | 1               | 1   | 1          |  |  |  |  |  |  |
| 29                                                                   | Fan Blade                                |                          | 4A4144-01   | 1               | 1   | 1          |  |  |  |  |  |  |
| 30                                                                   | Strainer                                 |                          | 441569-02   | 1               | 1   | 1          |  |  |  |  |  |  |
| 31                                                                   | Drier                                    |                          | 4A2666-01   | 1               | 1   | 1          |  |  |  |  |  |  |

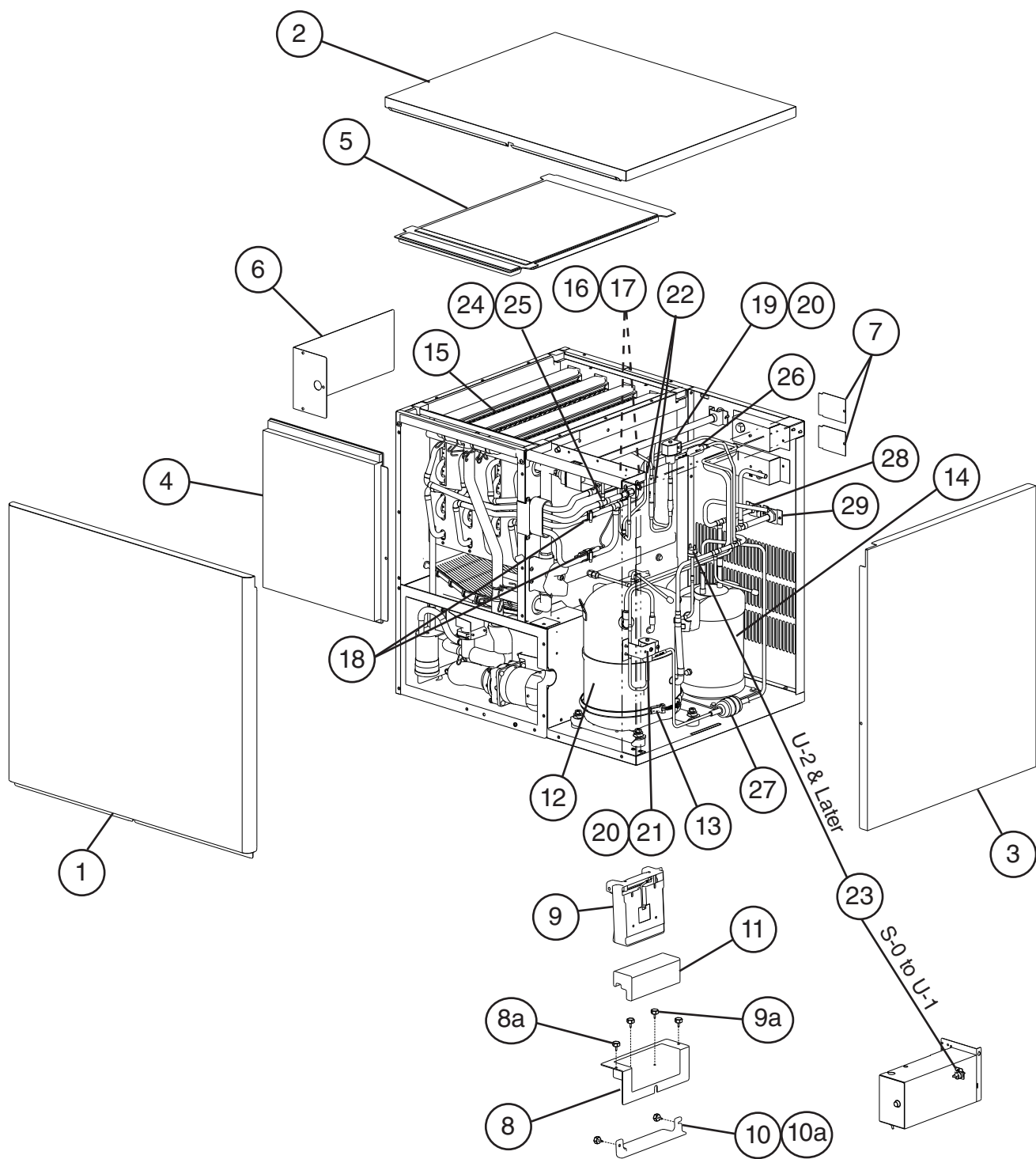
# KMD-901 MWH(-M)

S-0 to E-0



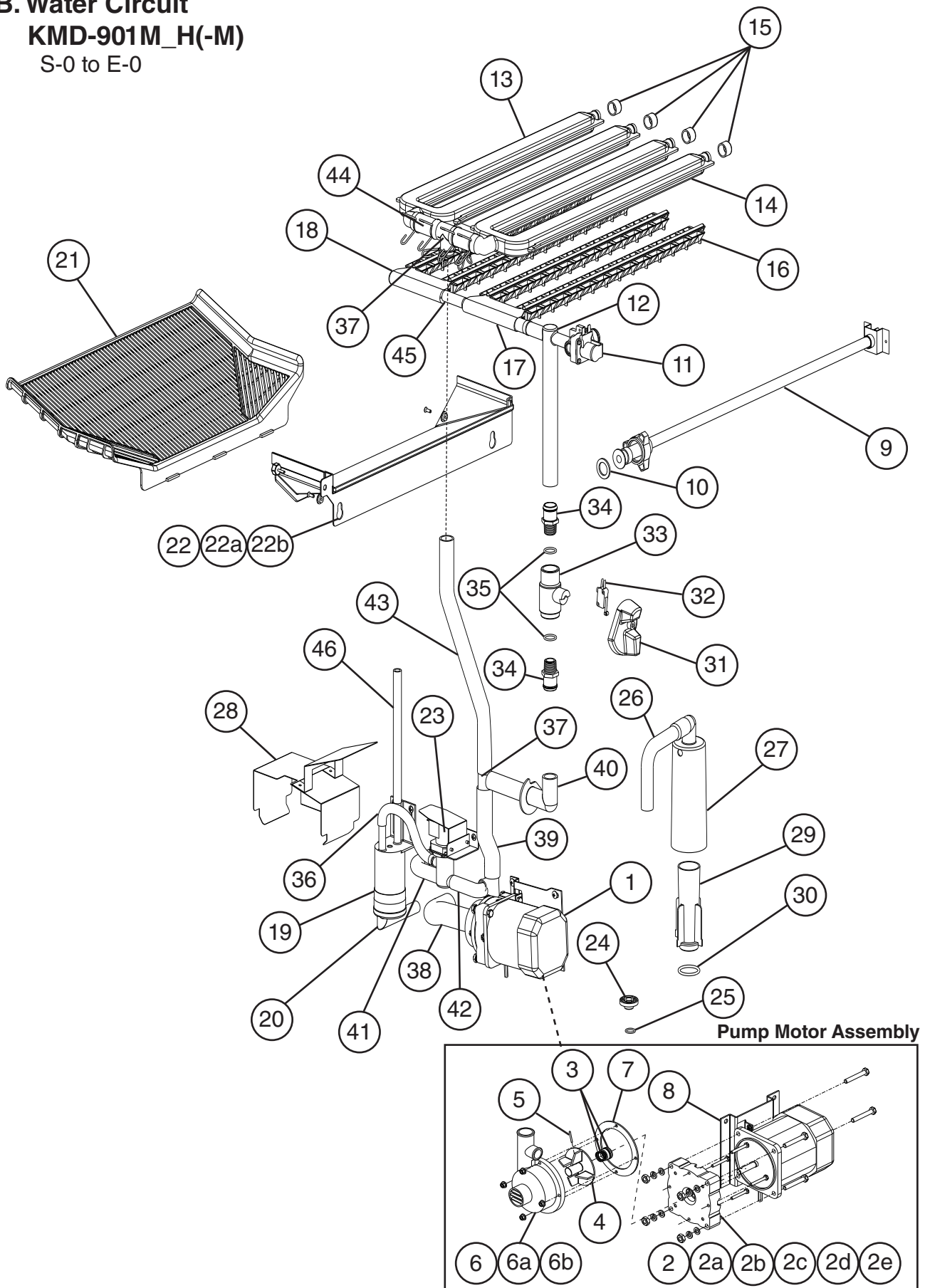
| Title: A. Main Assembly & Refrigeration Circuit    Model: KMD-901MWH(-M) |                                          |                          |             |                 |     |            |            |            |   |  |  |  |  |
|--------------------------------------------------------------------------|------------------------------------------|--------------------------|-------------|-----------------|-----|------------|------------|------------|---|--|--|--|--|
| Index No.                                                                | Description                              | Material or Model Number | Part Number | Required Number |     |            |            |            |   |  |  |  |  |
|                                                                          |                                          |                          |             | S-0 to U-0      | U-1 | U-2 to A-0 | A-1 to C-0 | C-1 to E-0 |   |  |  |  |  |
| Main Assembly                                                            |                                          |                          |             |                 |     |            |            |            |   |  |  |  |  |
| 1                                                                        | Front Panel                              |                          | 2A2956G01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 2                                                                        | Top Panel                                |                          | 2A2955G01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 3                                                                        | Right Side Panel                         |                          | 2A2800G01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 4                                                                        | Front Insulation                         |                          | 3A2933G01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 5                                                                        | Top Insulation                           |                          | 3A2934G01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 6                                                                        | Control Box Cover                        | KMD-901MWH               | 3A2371-01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
|                                                                          |                                          | KMD-901MWH-M             | 3A2371-02   |                 |     |            | 1          |            |   |  |  |  |  |
| 7                                                                        | Junction Box Cover                       | KMD-901MWH               | 433410-01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
|                                                                          |                                          | KMD-901MWH-M             | 433410-05   |                 |     |            | 1          |            |   |  |  |  |  |
| 8                                                                        | Mechanical Bin Switch Cover              |                          | 3A2642-01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 8a                                                                       | Thumbscrew                               |                          | 415949G10   | 2               | 2   | 2          | 2          | 2          |   |  |  |  |  |
| 9                                                                        | Mechanical Bin Control                   |                          | 464574-01   | 1               | -   |            |            |            |   |  |  |  |  |
|                                                                          |                                          |                          | 2A4393G01   |                 | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 9a                                                                       | Thumbscrew                               |                          | 415949G10   | 2               | 2   | 2          | 2          | 2          |   |  |  |  |  |
| 10                                                                       | Mechanical Bin Switch Guide              |                          | 3A2643-01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 10a                                                                      | Thumbscrew                               |                          | 415949G10   | 2               | 2   | 2          | 2          | 2          |   |  |  |  |  |
| 11                                                                       | Mechanical Bin Switch Insulation         |                          | 4A3068-01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
|                                                                          |                                          |                          |             |                 |     |            |            |            |   |  |  |  |  |
| Refrigeration Circuit                                                    |                                          |                          |             |                 |     |            |            |            |   |  |  |  |  |
| 12                                                                       | Compressor                               |                          | 4A1539-01   | 1               | 1   | 1          | -          |            |   |  |  |  |  |
|                                                                          |                                          |                          | 4A1539-03   |                 |     |            | 1          | 1          |   |  |  |  |  |
| 13                                                                       | Condenser                                | KMD-901MWH               | 2A2359G04   | 1               | 1   | 1          | 1          | -          |   |  |  |  |  |
|                                                                          |                                          |                          |             | 3A7236-01       |     |            |            |            | 1 |  |  |  |  |
|                                                                          |                                          | KMD-901MWH-M             | 3A7236-01   |                 |     |            |            | 1          |   |  |  |  |  |
| 14                                                                       | Water Regulating Value                   | KMD-901MWH               | 4A0911-07   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
|                                                                          |                                          | KMD-901MWH-M             | 4A1417-03   |                 |     |            |            | 1          |   |  |  |  |  |
| 15                                                                       | Evaporator                               |                          | 2A2781G02   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 16                                                                       | Thermostatic Expansion Valve             |                          | 4A1414-01   | 2               | 2   | 2          | 2          | 2          |   |  |  |  |  |
| 17                                                                       | Thermostatic Expansion Valve Cover       |                          | 3A0944-01   | 2               | 2   | 2          | 2          | 2          |   |  |  |  |  |
| 18                                                                       | Thermostatic Expansion Valve Bulb Holder |                          | 3A0107-01   | 2               | 2   | 2          | 2          | 2          |   |  |  |  |  |
| 19                                                                       | Hot Gas Valve Body                       |                          | 4A3978-01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 20                                                                       | Valve Coil                               |                          | 4A3277-01   | 2               | 2   | 2          | 2          | 2          |   |  |  |  |  |
| 21                                                                       | Liquid Line Valve Body                   |                          | 4A3276-01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 22                                                                       | Check Valve                              |                          | 4A1373-01   | 2               | 2   | 2          | 2          | 2          |   |  |  |  |  |
| 23                                                                       | High-Pressure Switch                     |                          | 433441-05   | 1               | 1   | -          |            |            |   |  |  |  |  |
|                                                                          |                                          |                          | 463180-04   |                 |     | 1          | 1          | 1          |   |  |  |  |  |
| 24                                                                       | Thermistor                               | L=1050 mm                | 429006-03   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 25                                                                       | Thermistor Holder                        |                          | 427430-01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 26                                                                       | Strainer                                 |                          | 441569-02   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 27                                                                       | Drier                                    |                          | 4A2666-01   | 1               | 1   | 1          | 1          | 1          |   |  |  |  |  |
| 28                                                                       | Main Transformer                         | KMD-901MWH-M             | 4A0817-01   |                 |     |            |            | 1          | 1 |  |  |  |  |
| 29                                                                       | Voltage Tap Switch                       | KMD-901MWH-M             | 4A1477-01   |                 |     |            |            | 1          | 1 |  |  |  |  |

# **A. Main Assembly & Refrigeration Circuit** **KMD-901MRH** S-0 to E-0



| Title: A. Main Assembly & Refrigeration Circuit     Model: KMD-901MRH |                                          |                          |             |                 |     |            |            |  |  |  |  |  |  |
|-----------------------------------------------------------------------|------------------------------------------|--------------------------|-------------|-----------------|-----|------------|------------|--|--|--|--|--|--|
| Index No.                                                             | Description                              | Material or Model Number | Part Number | Required Number |     |            |            |  |  |  |  |  |  |
|                                                                       |                                          |                          |             | S-0 to U-0      | U-1 | U-2 to A-0 | A-1 to E-0 |  |  |  |  |  |  |
| Main Assembly                                                         |                                          |                          |             |                 |     |            |            |  |  |  |  |  |  |
| 1                                                                     | Front Panel                              |                          | 2A2956G01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 2                                                                     | Top Panel                                |                          | 2A2955G01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 3                                                                     | Right Side Panel                         |                          | 2A2800G01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 4                                                                     | Front Insulation                         |                          | 3A2933G01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 5                                                                     | Top Insulation                           |                          | 3A2934G01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 6                                                                     | Control Box Cover                        |                          | 3A2371-01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 7                                                                     | Junction Box Cover                       |                          | 433410-01   | 2               | 2   | 2          | 2          |  |  |  |  |  |  |
| 8                                                                     | Mechanical Bin Switch Cover              |                          | 3A2642-01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 8a                                                                    | Thumbscrew                               |                          | 415949G10   | 2               | 2   | 2          | 2          |  |  |  |  |  |  |
| 9                                                                     | Mechanical Bin Control                   |                          | 464574-01   | 1               | -   |            |            |  |  |  |  |  |  |
|                                                                       |                                          |                          | 2A4393G01   |                 | 1   | 1          | 1          |  |  |  |  |  |  |
| 9a                                                                    | Thumbscrew                               |                          | 415949G10   | 2               | 2   | 2          | 2          |  |  |  |  |  |  |
| 10                                                                    | Mechanical Bin Switch Guide              |                          | 3A2643-01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 10a                                                                   | Thumbscrew                               |                          | 415949G10   | 2               | 2   | 2          | 2          |  |  |  |  |  |  |
| 11                                                                    | Mechanical Bin Switch Insulation         |                          | 4A3068-01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| Refrigeration Circuit                                                 |                                          |                          |             |                 |     |            |            |  |  |  |  |  |  |
| 12                                                                    | Compressor                               |                          | 4A1539-02   | 1               | 1   | 1          | -          |  |  |  |  |  |  |
|                                                                       |                                          |                          | 4A1539-03   |                 |     |            | 1          |  |  |  |  |  |  |
| 13                                                                    | Crankcase Heater                         |                          | 4A5397-02   |                 |     |            | 1          |  |  |  |  |  |  |
| 14                                                                    | Receiver Tank                            |                          | 437652-01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 15                                                                    | Evaporator                               |                          | 2A2781G02   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 16                                                                    | Thermostatic Expansion Valve             |                          | 4A1414-01   | 2               | 2   | 2          | 2          |  |  |  |  |  |  |
| 17                                                                    | Thermostatic Expansion Valve Cover       |                          | 3A0944-01   | 2               | 2   | 2          | 2          |  |  |  |  |  |  |
| 18                                                                    | Thermostatic Expansion Valve Bulb Holder |                          | 3A0107-01   | 2               | 2   | 2          | 2          |  |  |  |  |  |  |
| 19                                                                    | Hot Gas Valve Body                       |                          | 4A3978-01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 20                                                                    | Valve Coil                               |                          | 4A3277-01   | 2               | 2   | 2          | 2          |  |  |  |  |  |  |
| 21                                                                    | Liquid Line Valve Body                   |                          | 4A3276-01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 22                                                                    | Check Valve                              |                          | 4A1373-01   | 2               | 2   | 2          | 2          |  |  |  |  |  |  |
| 23                                                                    | High-Pressure Switch                     |                          | 433441-07   | 1               | 1   | -          |            |  |  |  |  |  |  |
|                                                                       |                                          |                          | 463180-04   |                 |     | 1          | 1          |  |  |  |  |  |  |
| 24                                                                    | Thermistor                               | L=1050 mm                | 429006-03   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 25                                                                    | Thermistor Holder                        |                          | 427430-01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 26                                                                    | Strainer                                 |                          | 441569-02   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 27                                                                    | Drier                                    |                          | 4A2666-01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 28                                                                    | Liquid Line Coupling                     |                          | 433751G01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |
| 29                                                                    | Discharge Line Coupling                  |                          | 434136G01   | 1               | 1   | 1          | 1          |  |  |  |  |  |  |

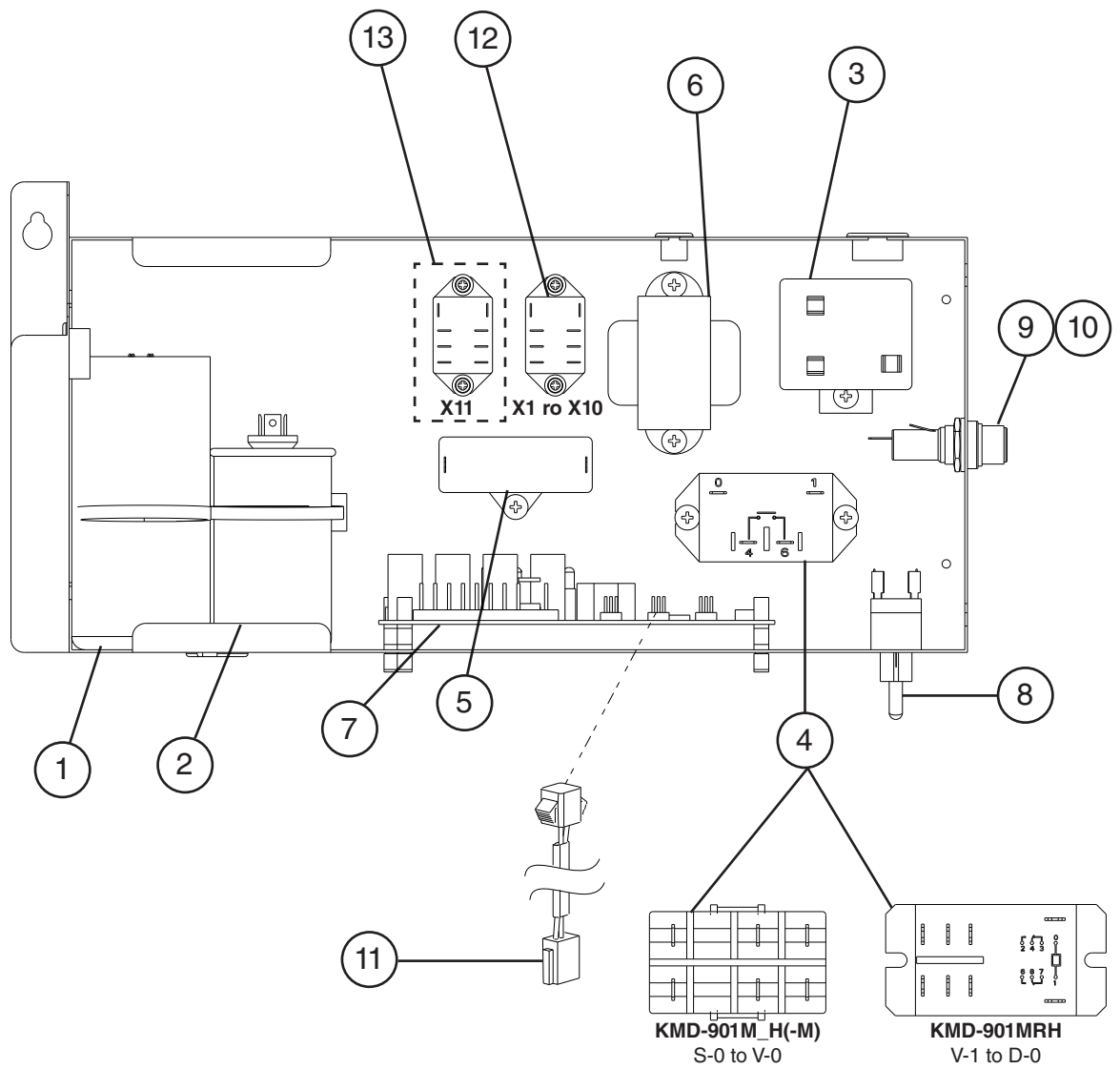
**B. Water Circuit**  
**KMD-901M\_H(-M)**  
 S-0 to E-0



| Title: B. Water Circuit    Model: KMD-901M_H(-M) |                             |                          |             |                 |                                   |  |  |  |  |  |  |  |
|--------------------------------------------------|-----------------------------|--------------------------|-------------|-----------------|-----------------------------------|--|--|--|--|--|--|--|
| Index No.                                        | Description                 | Material or Model Number | Part Number | Required Number |                                   |  |  |  |  |  |  |  |
|                                                  |                             |                          |             | S-0 to V-1      | A-0 to E-0                        |  |  |  |  |  |  |  |
| 1                                                | Pump Motor                  | HS-0178                  | 2A2848A01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 2                                                | Pump Flange                 |                          | 215662-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 2a                                               | Hex Bolt                    | 6x40                     | 7B02-0640   | 4               | 4                                 |  |  |  |  |  |  |  |
| 2b                                               | Flat Washer                 | M6                       | 7W22-0600   | 4               | 4                                 |  |  |  |  |  |  |  |
| 2c                                               | Split Lock Washer           | M6                       | 7L22-0600   | 4               | 4                                 |  |  |  |  |  |  |  |
| 2d                                               | Hex Nut                     | M6                       | 7N12-0600   | 4               | 4                                 |  |  |  |  |  |  |  |
| 2e                                               | Tooth Washer                | M6                       | 7R22-0600   | 2               | 2                                 |  |  |  |  |  |  |  |
| 3                                                | Mechanical Seal             |                          | 4A3820-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 4                                                | Impeller                    |                          | 428548-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 5                                                | Pin                         |                          | 4A0648-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 6                                                | Pump Housing                |                          | 2A2762-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 6a                                               | Hex Bolt                    | 4x30                     | 7B02-0430   | 4               | 4                                 |  |  |  |  |  |  |  |
| 6b                                               | Hex Flange Nut              |                          | 7J02-0400   | 4               | 4                                 |  |  |  |  |  |  |  |
| 7                                                | Packing                     |                          | 428547-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 8                                                | Pump Motor Bracket          |                          | 323904-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 9                                                | Water Supply Pipe           |                          | 4A0768G08   | 1               | 1                                 |  |  |  |  |  |  |  |
| 10                                               | Rubber Gasket               |                          | 413854-03   | 1               | 1                                 |  |  |  |  |  |  |  |
| 11                                               | Inlet Water Valve           |                          | 3U0111-02   | 1               | 1                                 |  |  |  |  |  |  |  |
| 12                                               | Water Valve Hose            |                          | 3A2648-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 13                                               | Spray Tube A                |                          | 2A2369-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 14                                               | Spray Tube B                |                          | 2A2369-02   | 1               | 1                                 |  |  |  |  |  |  |  |
| 15                                               | Spray Tube Plug             |                          | 3A2645-01   | 4               | 4                                 |  |  |  |  |  |  |  |
| 16                                               | Spray Guide                 |                          | 2A4282-03   | 4               | 4                                 |  |  |  |  |  |  |  |
| 17                                               | Water Supply Tube A         |                          | 2A2370-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 18                                               | Water Supply Tube B         |                          | 2A2370-02   | 1               | 1                                 |  |  |  |  |  |  |  |
| 19                                               | Float Switch                |                          | 4A3624-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 20                                               | Float Switch Connector      |                          | 426799-03   | 1               | 1                                 |  |  |  |  |  |  |  |
| 21                                               | Cube Guide A                |                          | 1A0842-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 22                                               | Cube Guide B                |                          | 1A0781-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 22a                                              | Thumbscrew                  |                          | 415949G10   | 1               | 1                                 |  |  |  |  |  |  |  |
| 22b                                              | Collar                      |                          | 435269-01   | 2               | 2                                 |  |  |  |  |  |  |  |
| 23                                               | Drain Valve                 |                          | 4A5447-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 24                                               | Drain Plug                  |                          | 309246-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 25                                               | O-Ring                      |                          | 7611-P015   | 1               | 1                                 |  |  |  |  |  |  |  |
| 26                                               | Overflow Drain Hose         |                          | 4A3003-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 27                                               | Overflow Cap                |                          | 321002-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 28                                               | Water Shield                |                          | 3A2725G01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 29                                               | Overflow Pipe               |                          | 430722-10   | 1               | 1                                 |  |  |  |  |  |  |  |
| 30                                               | O-Ring                      |                          | 4A1234-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 31                                               | Cleaning Valve Handle       |                          | 215383-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 32                                               | Cleaning Valve Microswitch  |                          | 4A2546-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 33                                               | Cleaning Valve Ball Valve   |                          | 439293-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 34                                               | Cleaning Valve Male Adapter |                          | 325826-01   | 2               | 2                                 |  |  |  |  |  |  |  |
| 35                                               | Cleaning Valve O-Ring       |                          | 7611-P018   | 2               | Replaced with Thread Sealant Tape |  |  |  |  |  |  |  |
| 36                                               | Float Switch Hose           |                          | 3A2647-01   | 1               | 1                                 |  |  |  |  |  |  |  |
| 37                                               | Distributor (Tee)           |                          | 432426-01   | 2               | 2                                 |  |  |  |  |  |  |  |

| Title: B. Water Circuit    Model: KMD-901M_H(-M) |                       |                          |             |                 |            |  |  |  |  |  |  |  |
|--------------------------------------------------|-----------------------|--------------------------|-------------|-----------------|------------|--|--|--|--|--|--|--|
| Index No.                                        | Description           | Material or Model Number | Part Number | Required Number |            |  |  |  |  |  |  |  |
|                                                  |                       |                          |             | S-0 to V-1      | A-0 to E-0 |  |  |  |  |  |  |  |
| 38                                               | Suction Hose          |                          | 4A3001-01   | 1               | 1          |  |  |  |  |  |  |  |
| 39                                               | Discharge Hose        |                          | 3A2646-01   | 1               | 1          |  |  |  |  |  |  |  |
| 40                                               | Bypass Hose           |                          | 439237-03   | 1               | 1          |  |  |  |  |  |  |  |
| 41                                               | Drain Hose            |                          | 4A3002-01   | 1               | 1          |  |  |  |  |  |  |  |
| 42                                               | Pump Motor Drain Hose |                          | 4A3044-01   | 1               | 1          |  |  |  |  |  |  |  |
| 43                                               | Vinyl Hose            | L=358 mm                 | 7716-2025   | 1               | 1          |  |  |  |  |  |  |  |
| 44                                               | Vinyl Hose            | L=63 mm                  | 7716-2025   | 2               | 2          |  |  |  |  |  |  |  |
| 45                                               | Vinyl Hose            | L=47 mm                  | 7716-1519   | 1               | 1          |  |  |  |  |  |  |  |
| 46                                               | Silicone Hose         | L=200 mm                 | 773013896   | 1               | 1          |  |  |  |  |  |  |  |
| <b>Hose Clamps</b>                               |                       |                          |             |                 |            |  |  |  |  |  |  |  |
|                                                  | Hose Clamp            | 27 mm                    | 427443-08   | 2               | 2          |  |  |  |  |  |  |  |
|                                                  | Hose Clamp            | 25 mm                    | 427443-03   | 9               | 9          |  |  |  |  |  |  |  |
|                                                  | Hose Clamp            | 20 mm                    | 427443-06   | 3               | 3          |  |  |  |  |  |  |  |
|                                                  | Hose Clamp            | 18 mm                    | 427443-05   | 1               | 1          |  |  |  |  |  |  |  |
|                                                  | Hose Clamp            | 17 mm                    | 427443-04   | 3               | 3          |  |  |  |  |  |  |  |

# **C. Control Box Assembly** **KMD-901M\_H(-M)** S-0 to E-0

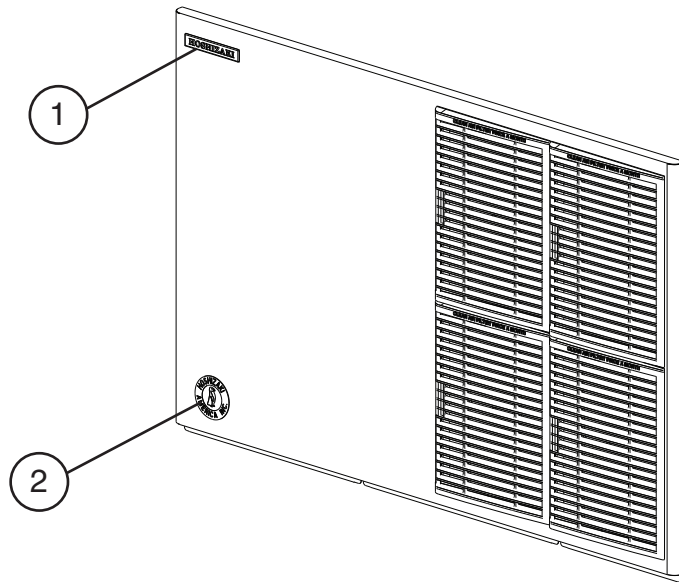


| Title: C. Control Box Assembly    Model: KMD-901M_H(-M) |                              |                          |             |                 |            |         |  |  |  |  |  |
|---------------------------------------------------------|------------------------------|--------------------------|-------------|-----------------|------------|---------|--|--|--|--|--|
| Index No.                                               | Description                  | Material or Model Number | Part Number | Required Number |            |         |  |  |  |  |  |
|                                                         |                              |                          |             | S-0 to V-0      | V-1 to D-0 | D-1 E-0 |  |  |  |  |  |
| 1                                                       | Start Capacitor              | 145-174MFD, 220 VAC      | 3A0076-11   | 1               | 1          | 1       |  |  |  |  |  |
| 2                                                       | Run Capacitor                | 30MFD, 370 VAC           | 3A2005-03   | 1               | 1          | 1       |  |  |  |  |  |
| 3                                                       | Start Relay                  |                          | 4A1107-13   | 1               | 1          | 1       |  |  |  |  |  |
| 4                                                       | Magnetic Contactor           | KMD-901M_H(-M)           | 428393-01   | 1               | -          |         |  |  |  |  |  |
|                                                         | Compressor Relay             | KMD-901MAH               | 4A3140-01   |                 | 1          | 1       |  |  |  |  |  |
|                                                         |                              | KMD-901MWH(-M)           |             |                 |            |         |  |  |  |  |  |
|                                                         |                              | KMD-901MRH               | 4A5096-01   |                 | 1          | -       |  |  |  |  |  |
|                                                         |                              |                          | 4A3140-01   |                 |            | 1       |  |  |  |  |  |
| 5                                                       | Pump Motor Capacitor         | 10MFD, 250 VAC           | 443192-01   | 1               | 1          | 1       |  |  |  |  |  |
| 6                                                       | Control Transformer          |                          | 3A0172-01   | 1               | 1          | 1       |  |  |  |  |  |
| 7                                                       | Control Board                |                          | 2A3792-01   | 1               | 1          | 1       |  |  |  |  |  |
| 8                                                       | Control Switch               |                          | 443119-01   | 1               | 1          | 1       |  |  |  |  |  |
| 9                                                       | Fuse Holder                  |                          | 4A5443-01   | 1               | 1          | 1       |  |  |  |  |  |
| 10                                                      | Fuse                         | AGC-10A, 250 VAC         | 4A0893-07   | 2               | 2          | 2       |  |  |  |  |  |
| 11                                                      | Wire Harness                 | L=90 mm                  | 4A2200G04   | 1               | 1          | 1       |  |  |  |  |  |
| 12                                                      | Service Relay (X10)          | KMD-901M_H (X1 or X10)   | 406132-07   | 1               | 1          | 1       |  |  |  |  |  |
| 13                                                      | Crankcase Heater Relay (X11) | KMD-901MRH (X11)         |             |                 |            | 1       |  |  |  |  |  |

## D. Accessories & Labels

### KMD-901M\_H(-M)

S-0 to E-0



| Title: D. Accessories & Labels    Model: KMD-901M_H(-M) |                        |                          |             |                 |  |  |  |  |  |  |  |
|---------------------------------------------------------|------------------------|--------------------------|-------------|-----------------|--|--|--|--|--|--|--|
| Index No.                                               | Description            | Material or Model Number | Part Number | Required Number |  |  |  |  |  |  |  |
|                                                         |                        |                          |             | S-0 to E-0      |  |  |  |  |  |  |  |
| 1                                                       | Hoshizaki Emblem Label |                          | 4A0560-01   | 1               |  |  |  |  |  |  |  |
| 2                                                       | Penguin Label          |                          | 4A0526-01   | 1               |  |  |  |  |  |  |  |
| 3                                                       | Universal Brace        |                          | 4A0363-01   | 2               |  |  |  |  |  |  |  |
| 3a                                                      | Hex Bolt               | 5×12, SS                 | 7B02-0512   | 4               |  |  |  |  |  |  |  |