



# HOSHIZAKI

## Parts List

Modular Crescent Cuber

Models

KM-I340MAJ, MWJ, MRJ(Z)/3



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## CONTENTS

|                                                |    |
|------------------------------------------------|----|
| Auxiliary Codes.....                           | 3  |
| Note About Ordering Parts .....                | 4  |
| A. Main Assembly & Refrigeration Circuit ..... | 5  |
| KM-1340MAJ.....                                | 5  |
| KM-1340MWJ.....                                | 9  |
| KM-1340MRJ(Z)/3.....                           | 12 |
| B. Water Circuit .....                         | 16 |
| C. Control Box Assembly .....                  | 20 |
| D. Accessories & Labels .....                  | 23 |

## Auxiliary Codes

### KM-1340MAJ

H-0 February 2018  
J-0 January 2019  
K-0 January 2020  
L-0 January 2021  
L-1 June 2021  
L-2 September 2021  
M-0 January 2022  
N-0 January 2023  
N-2 September 2023  
N-3 October 2023  
P-0 January 2024  
P-1 April 2024  
P-2 August 2024  
P-3 September 2024  
P-4 November 2024  
Q-0 January 2025

### KM-1340MWJ

H-0 February 2018  
J-0 January 2019  
K-0 January 2020  
L-0 January 2021  
L-1 June 2021  
L-2 September 2021  
M-0 January 2022  
N-0 April 2023  
N-3 October 2023  
P-0 February 2024  
P-1 May 2024  
Q-0 January 2025

### KM-1340MRJ

H-0 February 2018  
J-0 March 2019  
K-0 January 2020  
K-1 October 2020  
L-0 January 2021  
L-1 June 2021  
L-2 September 2021

### KM-1340MRJ3

H-0 August 2018  
J-0 January 2019  
K-0 March 2020  
K-1 October 2020  
L-0 January 2021  
L-1 June 2021  
L-2 September 2021

### KM-1340MRJZ

M-0 January 2022  
N-0 January 2023  
N-2 September 2023  
N-3 October 2023  
P-0 February 2024  
P-1 April 2024  
P-2 August 2024  
P-3 September 2024  
P-4 November 2024  
P-4(M) December 2024  
Q-0 January 2025

### KM-1340MRJZ3

M-0 January 2022  
N-0 April 2023  
N-3 October 2023  
P-1 April 2024  
P-2 August 2024

## **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**

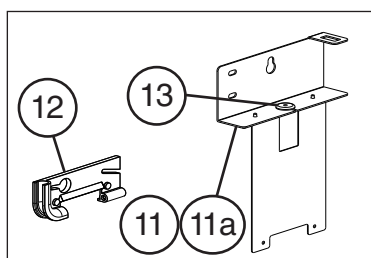
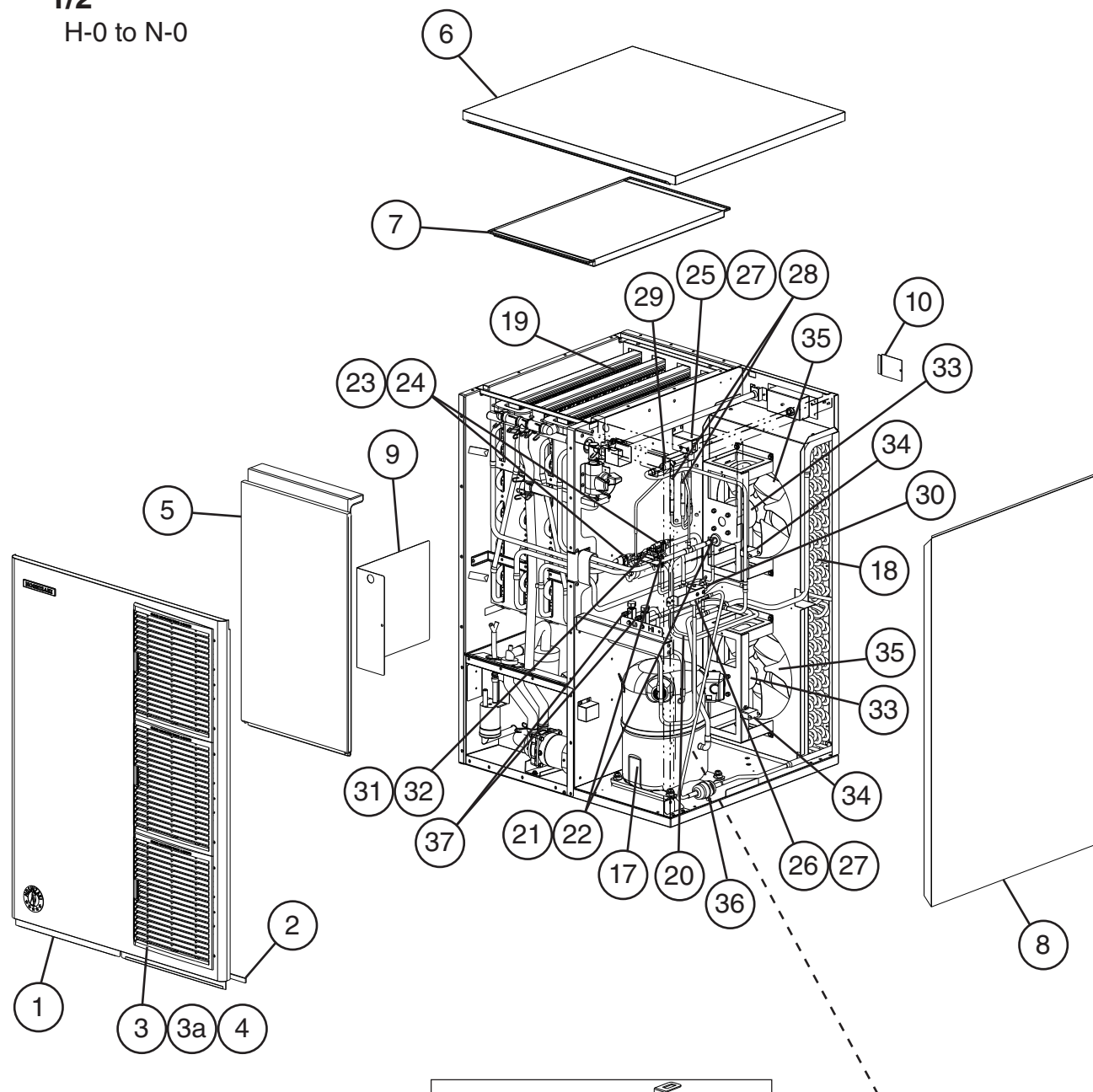
Most assemblies cannot be ordered as complete units; parts in the assemblies generally must be ordered separately.

# A. Main Assembly & Refrigeration Circuit

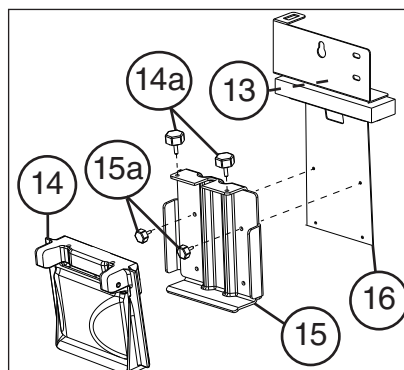
KM-1340MAJ

1/2

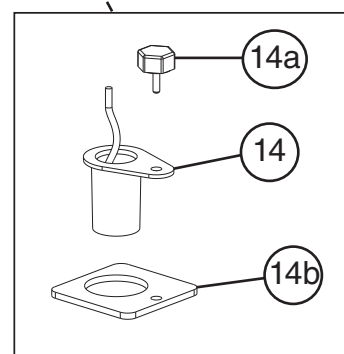
H-0 to N-0



Aux Code L-2 and earlier



Aux Code M-0 to N-3



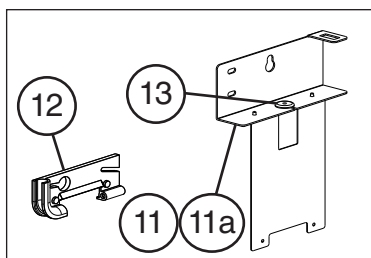
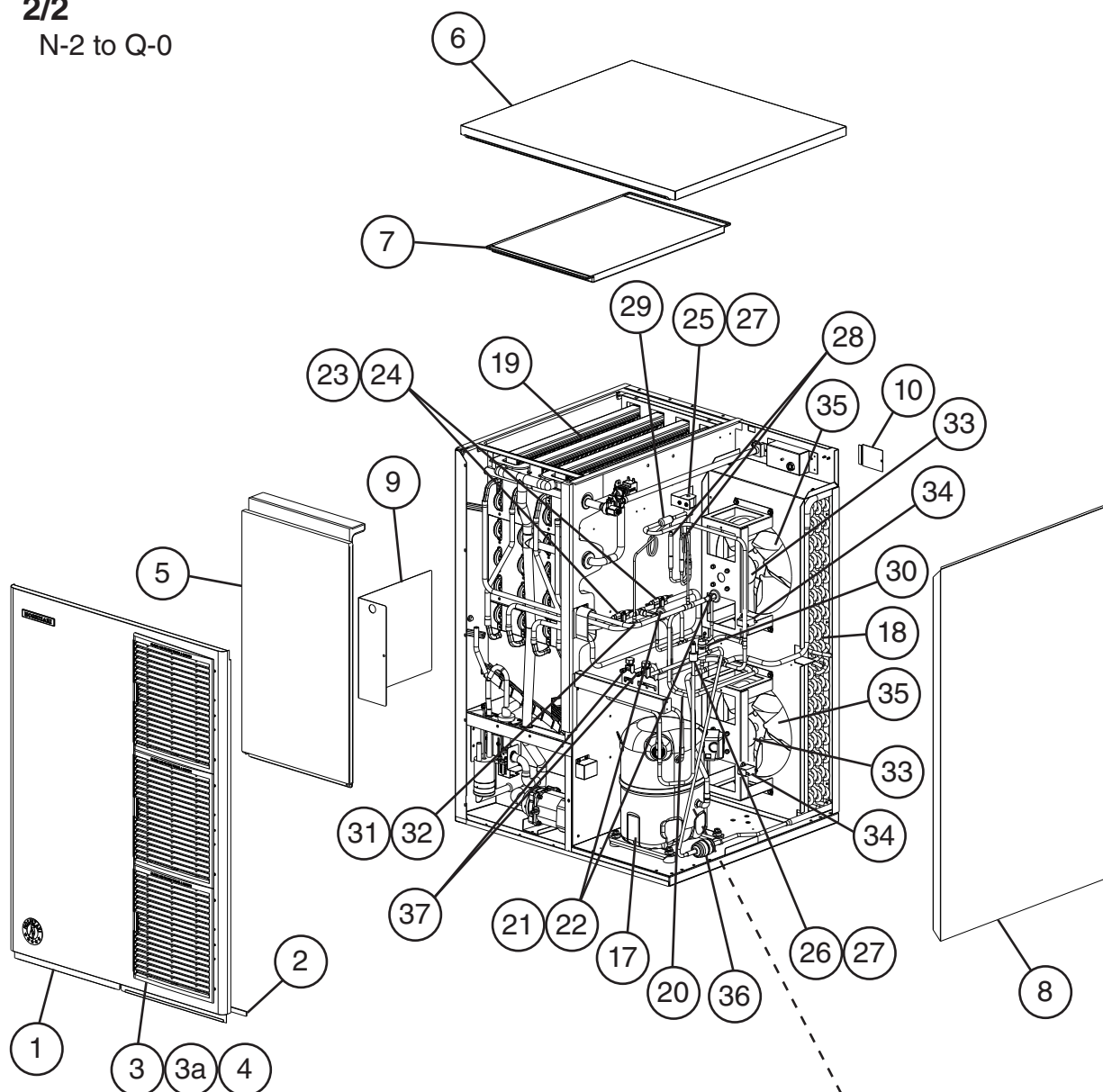
Aux Code P-0 and later

# A. Main Assembly & Refrigeration Circuit

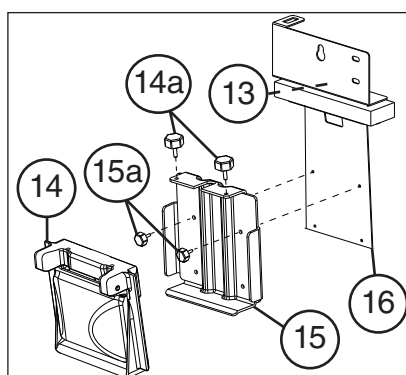
## KM-1340MAJ

2/2

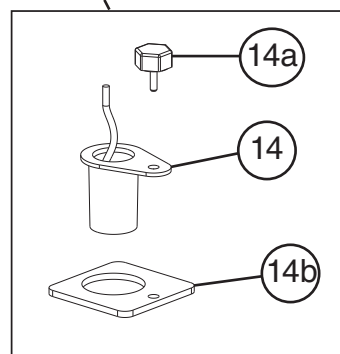
N-2 to Q-0



Aux Code L-2 and earlier



Aux Code M-0 to N-3



Aux Code P-0 and later

| Title: A. Main Assembly & Refrigeration Circuit    Model: KM-1340MAJ |                                                   |                          |             |                 |         |            |            |  |  |  |  |  |
|----------------------------------------------------------------------|---------------------------------------------------|--------------------------|-------------|-----------------|---------|------------|------------|--|--|--|--|--|
| Index No.                                                            | Description                                       | Material or Model Number | Part Number | Required Number |         |            |            |  |  |  |  |  |
|                                                                      |                                                   |                          |             | H-0 to L-0      | L-1 L-2 | M-0 to N-3 | P-0 to Q-0 |  |  |  |  |  |
| Main Assembly                                                        |                                                   |                          |             |                 |         |            |            |  |  |  |  |  |
| 1                                                                    | Front Panel Assembly (includes items 3 through 4) |                          | 2B0020A03   | 1               | 1       | 1          | -          |  |  |  |  |  |
|                                                                      |                                                   |                          | 2B0020A01   |                 |         |            | 1          |  |  |  |  |  |
| 2                                                                    | Gasket                                            | L=762 mm                 | 4A0808L02   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 3                                                                    | Louver                                            |                          | 1A0547-01   | 3               | 3       | 3          | 3          |  |  |  |  |  |
| 3a                                                                   | Push Retainer                                     |                          | 4A2414-01   | 9               | -       |            |            |  |  |  |  |  |
| 4                                                                    | Air Filter                                        |                          | 2A2062G01   | 3               | 3       | 3          | 3          |  |  |  |  |  |
| 5                                                                    | Front Insulation                                  |                          | 322711G01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 6                                                                    | Top Panel Assembly                                |                          | 3A1941A01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 7                                                                    | Top Insulation                                    |                          | 322714G01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 8                                                                    | Right Side Panel                                  |                          | 2A2165G01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 9                                                                    | Control Box Cover                                 |                          | 3A2386-01   | 1               | 1       | 1          | -          |  |  |  |  |  |
|                                                                      |                                                   |                          | 3B1525-01   |                 |         |            | 1          |  |  |  |  |  |
| 10                                                                   | Junction Box Cover                                |                          | 433410-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 11                                                                   | Bulb Holder Bracket                               |                          | 322815G02   | 1               | 1       | -          |            |  |  |  |  |  |
| 11a                                                                  | Thumbscrew                                        |                          | 415949G10   | 2               | 2       | -          |            |  |  |  |  |  |
| 12                                                                   | Bulb Holder                                       |                          | 3A3903-01   | 1               | 1       | -          |            |  |  |  |  |  |
| 13                                                                   | Capillary Ring                                    |                          | 425307-02   | 1               | 1       | 1          | -          |  |  |  |  |  |
| 14                                                                   | Mechanical Bin Control                            |                          | 2A8598G01   |                 |         | 1          | -          |  |  |  |  |  |
|                                                                      | Ultrasonic Bin Control                            |                          | 4A6148G01   |                 |         |            | 1          |  |  |  |  |  |
| 14a                                                                  | Thumbscrew                                        |                          | 415949G10   |                 |         | 2          | 1          |  |  |  |  |  |
| 14b                                                                  | Spacer                                            |                          | 4A7285-01   |                 |         |            | 1          |  |  |  |  |  |
| 15                                                                   | Mechanical Bin Control Switch Mount               |                          | 3A6040-01   |                 |         | 1          | -          |  |  |  |  |  |
| 15a                                                                  | Thumbscrew                                        |                          | 415949G10   |                 |         | 2          | -          |  |  |  |  |  |
| 16                                                                   | Mechanical Bin Control Assembly Bracket           |                          | 4A7068G01   |                 |         | 1          | -          |  |  |  |  |  |
| Refrigeration Circuit                                                |                                                   |                          |             |                 |         |            |            |  |  |  |  |  |
| 17                                                                   | Compressor                                        |                          | 4A4134-03   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 18                                                                   | Condenser                                         |                          | 1A1093-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 19                                                                   | Evaporator Assembly                               |                          | 1A4309G01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 20                                                                   | Heat Exchanger                                    |                          | 1A4552G01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 21                                                                   | Thermostatic Expansion Valve                      |                          | 4A1482-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |
| 22                                                                   | Thermostatic Expansion Valve Cover                |                          | 3A0944-01   | 2               | 2       | 2          | -          |  |  |  |  |  |
|                                                                      |                                                   |                          | 4A6853-01   |                 |         |            | 2          |  |  |  |  |  |
| 23                                                                   | Thermostatic Expansion Valve Bulb Holder          |                          | 3A0107-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |
| 24                                                                   | Clamp                                             |                          | 443461-02   | 2               | 2       | 2          | 2          |  |  |  |  |  |
| 25                                                                   | Hot Gas Valve Body                                |                          | 4A3978-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 26                                                                   | Liquid Line Valve Body                            |                          | 4A3276-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 27                                                                   | Valve Coil                                        |                          | 4A3277-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |
| 28                                                                   | Check Valve                                       |                          | 4A1373-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |
| 29                                                                   | Strainer                                          |                          | 441569-04   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 30                                                                   | High-Pressure Switch                              |                          | 463180-04   | 1               | 1       | 1          | 1          |  |  |  |  |  |

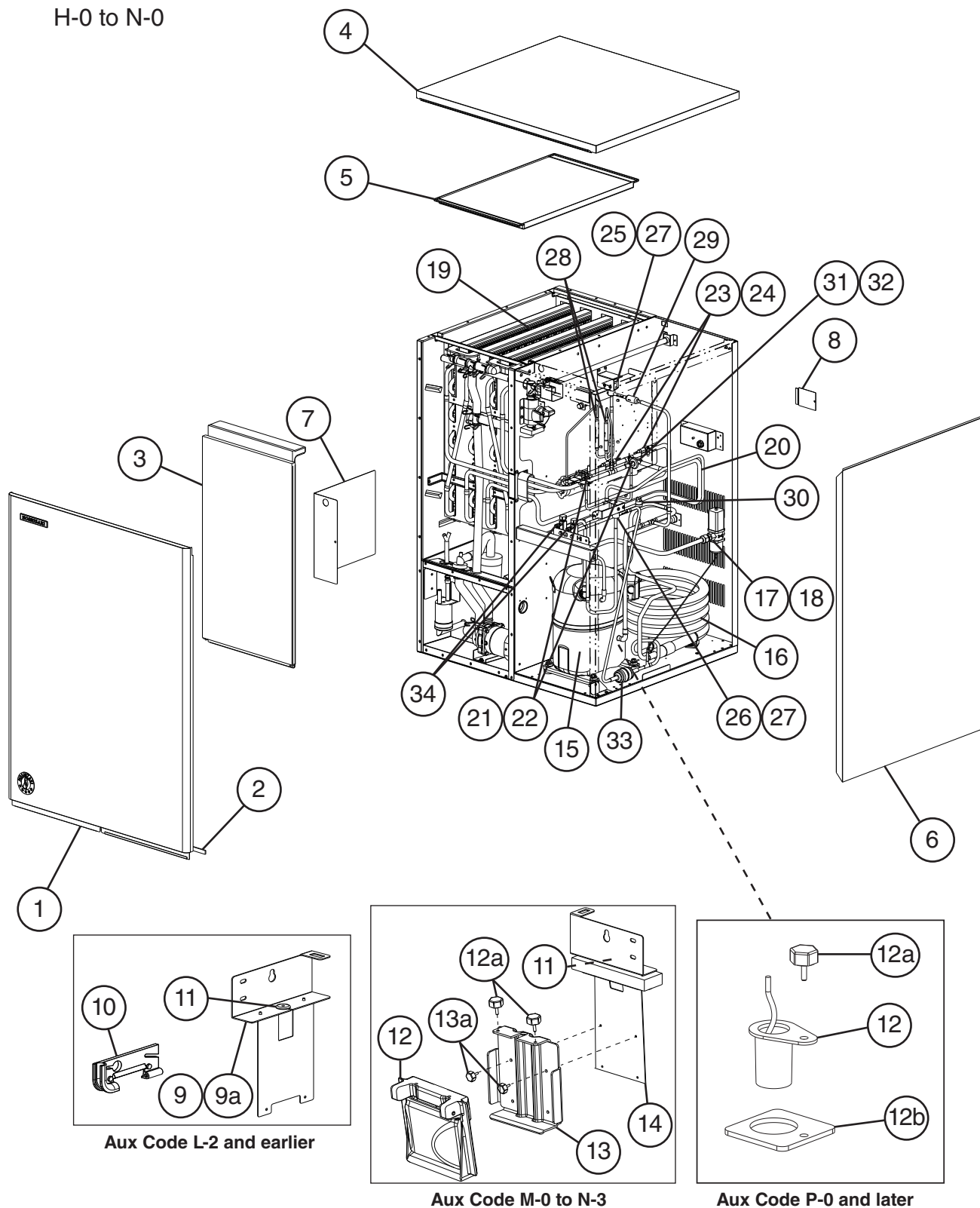
| Title: A. Main Assembly & Refrigeration Circuit    Model: KM-1340MAJ |                     |                          |             |                 |         |            |            |  |  |  |  |  |
|----------------------------------------------------------------------|---------------------|--------------------------|-------------|-----------------|---------|------------|------------|--|--|--|--|--|
| Index No.                                                            | Description         | Material or Model Number | Part Number | Required Number |         |            |            |  |  |  |  |  |
|                                                                      |                     |                          |             | H-0 to L-0      | L-1 L-2 | M-0 to N-3 | P-0 to Q-0 |  |  |  |  |  |
| 31                                                                   | Thermistor          |                          | 429006-03   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 32                                                                   | Thermistor Holder   |                          | 427430-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 33                                                                   | Fan Motor           |                          | 4A3158-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |
| 34                                                                   | Fan Motor Capacitor | 5MFD, 250VAC             | 443192-02   | 2               | 2       | 2          | -          |  |  |  |  |  |
|                                                                      |                     |                          | 4A6435-02   |                 |         |            | 2          |  |  |  |  |  |
| 35                                                                   | Fan Blade           |                          | 4A3959-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |
| 36                                                                   | Drier               |                          | 4A2666-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 37                                                                   | Service Valve       |                          | 4A3420-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |

# A. Main Assembly & Refrigeration Circuit

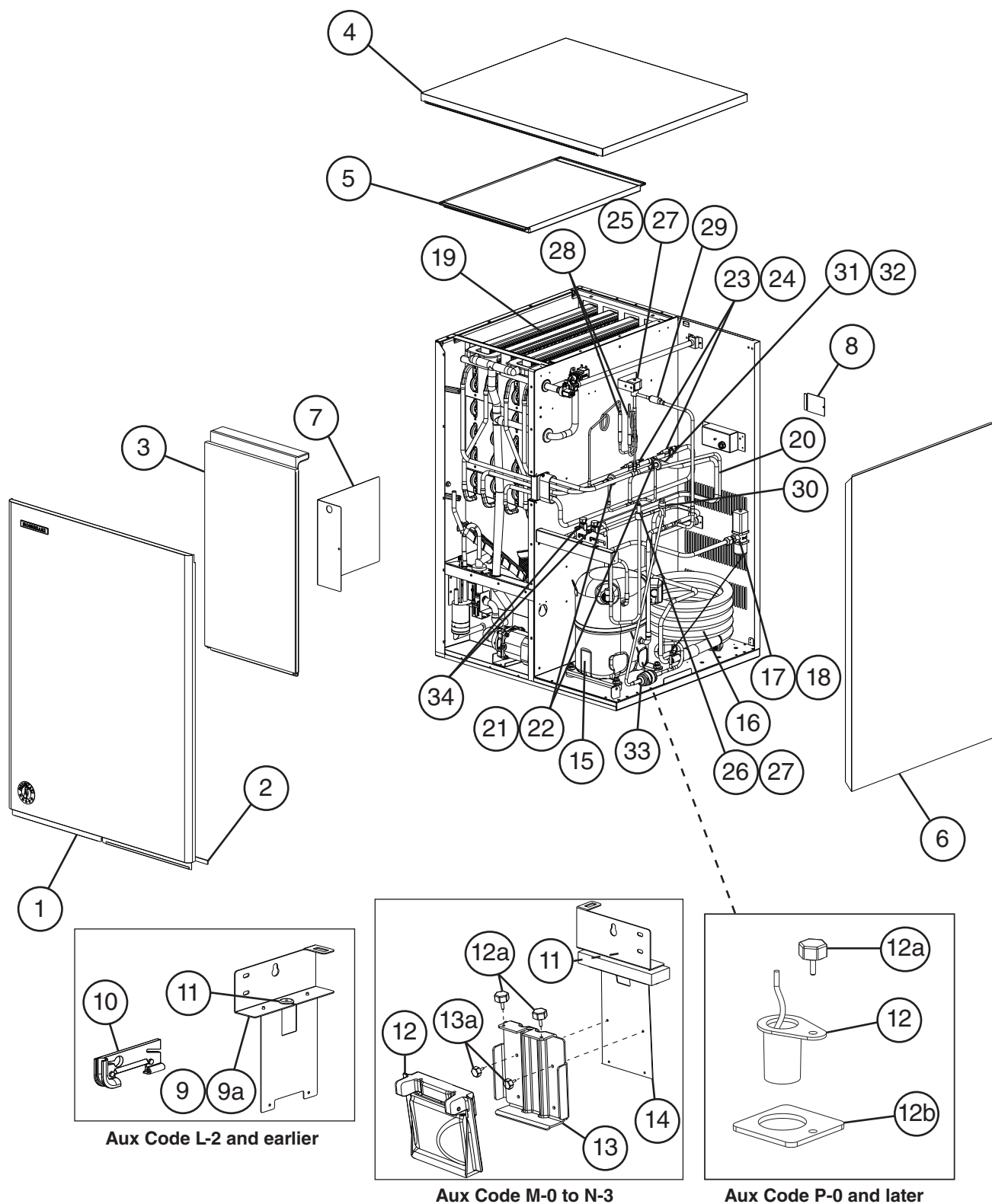
KM-1340MWJ

1/2

H-0 to N-0

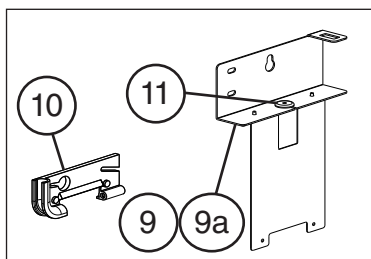
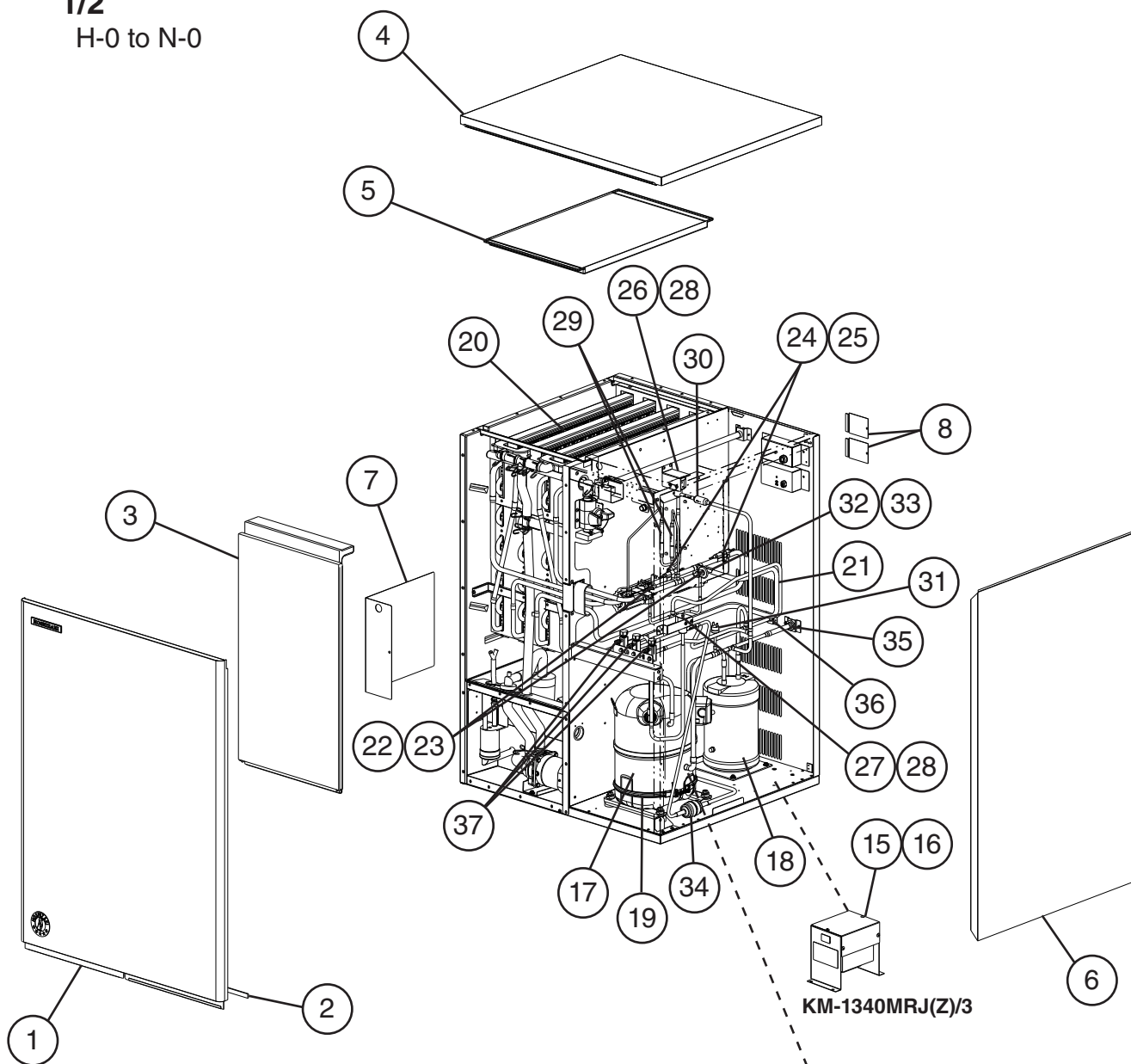


# **A. Main Assembly & Refrigeration Circuit** **KM-1340MWJ** **2/2** N-3 to Q-0

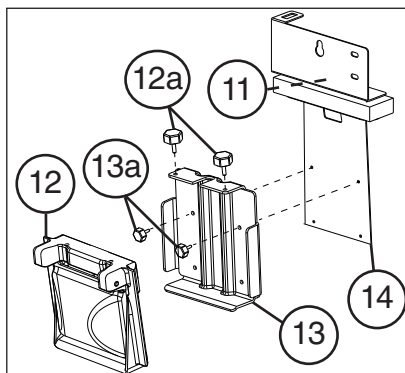


| Title: A. Main Assembly & Refrigeration Circuit      Model: KM-1340MWJ |                                          |                          |             |                 |         |            |            |  |  |  |  |  |  |
|------------------------------------------------------------------------|------------------------------------------|--------------------------|-------------|-----------------|---------|------------|------------|--|--|--|--|--|--|
| Index No.                                                              | Description                              | Material or Model Number | Part Number | Required Number |         |            |            |  |  |  |  |  |  |
|                                                                        |                                          |                          |             | H-0 to L-0      | L-1 L-2 | M-0 to N-3 | P-0 to Q-0 |  |  |  |  |  |  |
| Main Assembly                                                          |                                          |                          |             |                 |         |            |            |  |  |  |  |  |  |
| 1                                                                      | Front Panel Assembly                     |                          | 2B0020A04   | 1               | 1       | 1          | -          |  |  |  |  |  |  |
|                                                                        |                                          |                          | 2B0020A02   |                 |         |            | 1          |  |  |  |  |  |  |
| 2                                                                      | Gasket                                   | L=762 mm                 | 4A0808L02   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 3                                                                      | Front Insulation                         |                          | 322711G01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 4                                                                      | Top Panel Assembly                       |                          | 3A1941A01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 5                                                                      | Top Insulation                           |                          | 322714G01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 6                                                                      | Right Side Panel                         |                          | 2A2165G01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 7                                                                      | Control Box Cover                        |                          | 3A2386-01   | 1               | 1       | 1          | -          |  |  |  |  |  |  |
|                                                                        |                                          |                          | 3B1525-01   |                 |         |            | 1          |  |  |  |  |  |  |
| 8                                                                      | Junction Box Cover                       |                          | 433410-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 9                                                                      | Bulb Holder Bracket                      |                          | 322815G02   | 1               | 1       | -          |            |  |  |  |  |  |  |
| 9a                                                                     | Thumbscrew                               |                          | 415949G10   | 2               | 2       | -          |            |  |  |  |  |  |  |
| 10                                                                     | Bulb Holder                              |                          | 3A3903-01   | 1               | 1       | -          |            |  |  |  |  |  |  |
| 11                                                                     | Capillary Ring                           |                          | 425307-02   | 1               | 1       | 1          | -          |  |  |  |  |  |  |
| 12                                                                     | Mechanical Bin Control                   |                          | 2A8598G01   |                 |         | 1          | -          |  |  |  |  |  |  |
|                                                                        | Ultrasonic Bin Control                   |                          | 4A6148G01   |                 |         |            | 1          |  |  |  |  |  |  |
| 12a                                                                    | Thumbscrew                               |                          | 415949G10   |                 |         | 2          | 1          |  |  |  |  |  |  |
| 12b                                                                    | Spacer                                   |                          | 4A7285-01   |                 |         |            | 1          |  |  |  |  |  |  |
| 13                                                                     | Mechanical Bin Control Switch Mount      |                          | 3A6040-01   |                 |         | 1          | -          |  |  |  |  |  |  |
| 13a                                                                    | Thumbscrew                               |                          | 415949G10   |                 |         | 2          | -          |  |  |  |  |  |  |
| 14                                                                     | Mechanical Bin Control Assembly Bracket  |                          | 4A7068G01   |                 |         | 1          | -          |  |  |  |  |  |  |
| Refrigeration Circuit                                                  |                                          |                          |             |                 |         |            |            |  |  |  |  |  |  |
| Refrigeration Circuit                                                  |                                          |                          |             |                 |         |            |            |  |  |  |  |  |  |
| 15                                                                     | Compressor                               |                          | 4A4134-03   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 16                                                                     | Condenser                                |                          | 3A7236-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 17                                                                     | Water Regulating Valve                   |                          | 4A0911-07   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 18                                                                     | Male Connector                           |                          | 4A1087-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 19                                                                     | Evaporator Assembly                      |                          | 1A4309G01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 20                                                                     | Heat Exchanger                           |                          | 1A4595G01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 21                                                                     | Thermostatic Expansion Valve             |                          | 4A1482-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |  |
| 22                                                                     | Thermostatic Expansion Valve Cover       |                          | 3A0944-01   | 2               | 2       | 2          | -          |  |  |  |  |  |  |
|                                                                        |                                          |                          | 4A6853-01   |                 |         |            | 2          |  |  |  |  |  |  |
| 23                                                                     | Thermostatic Expansion Valve Bulb Holder |                          | 3A0107-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |  |
| 24                                                                     | Clamp                                    |                          | 443461-02   | 2               | 2       | 2          | 2          |  |  |  |  |  |  |
| 25                                                                     | Hot Gas Valve Body                       |                          | 4A3978-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 26                                                                     | Liquid Line Valve Body                   |                          | 4A3276-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 27                                                                     | Valve Coil                               |                          | 4A3277-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |  |
| 28                                                                     | Check Valve                              |                          | 4A1373-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |  |
| 29                                                                     | Strainer                                 |                          | 441569-04   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 30                                                                     | High-Pressure Switch                     |                          | 463180-05   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 31                                                                     | Thermistor                               |                          | 429006-03   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 32                                                                     | Thermistor Holder                        |                          | 427430-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 33                                                                     | Drier                                    |                          | 4A2666-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |  |
| 34                                                                     | Service Valve                            |                          | 4A3420-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |  |

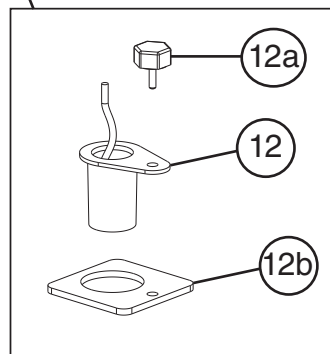
# **A. Main Assembly & Refrigeration Circuit** **KM-1340MRJ(Z)/3** **1/2** H-0 to N-0



**Aux Code L-2 and earlier**



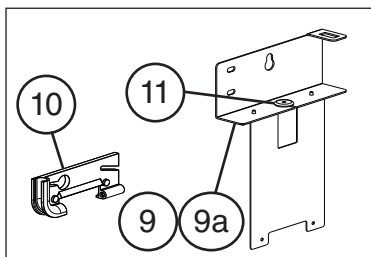
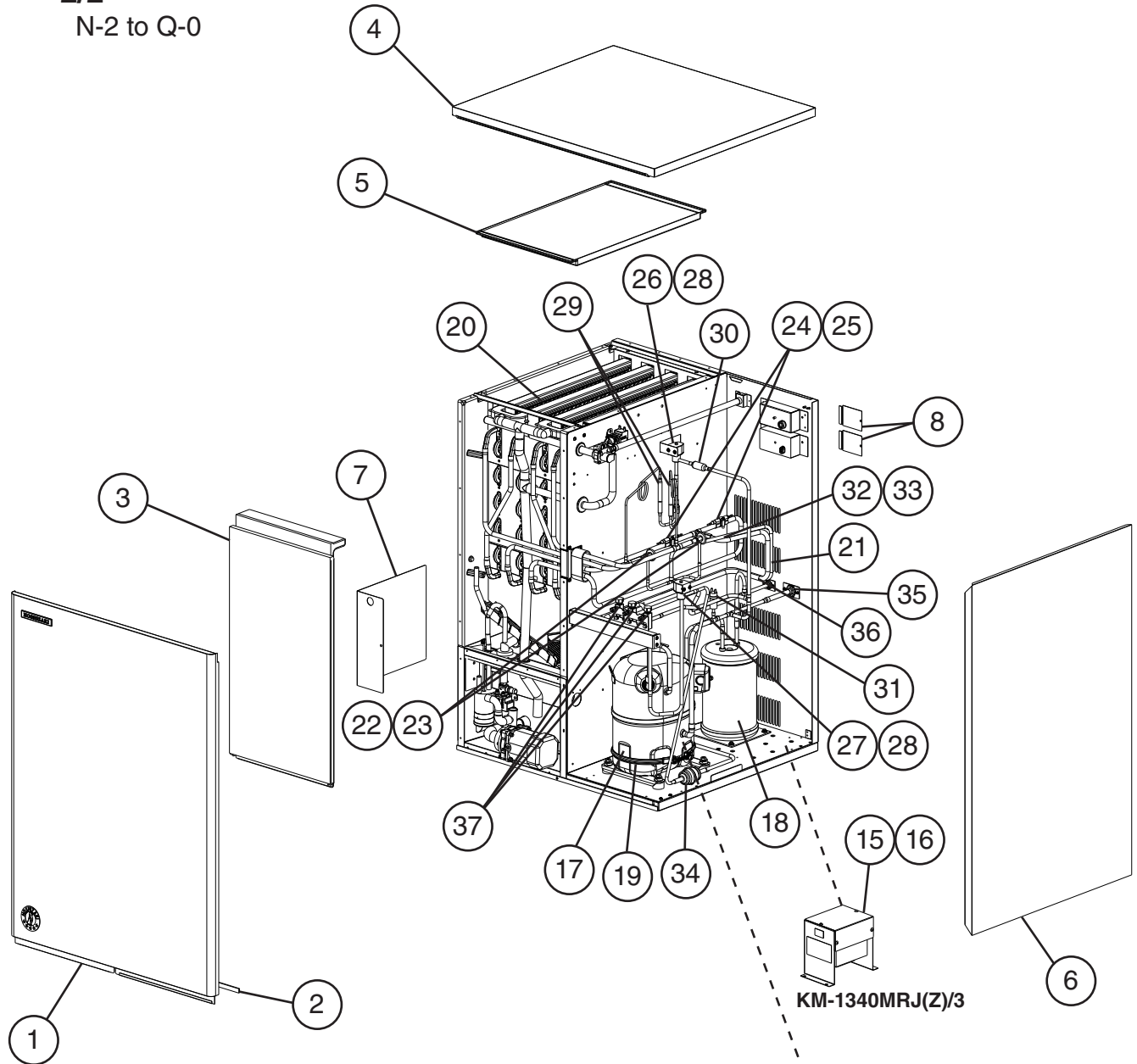
**Aux Code M-0 to N-3**



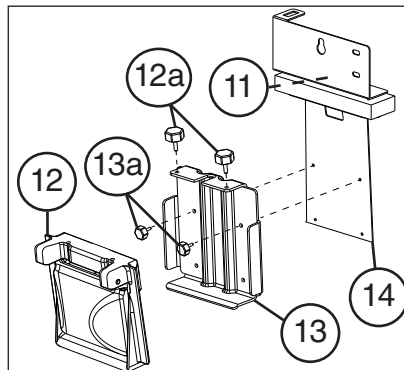
**Aux Code P-0 and later**

# **A. Main Assembly & Refrigeration Circuit** **KM-1340MRJ(Z)/3** **2/2**

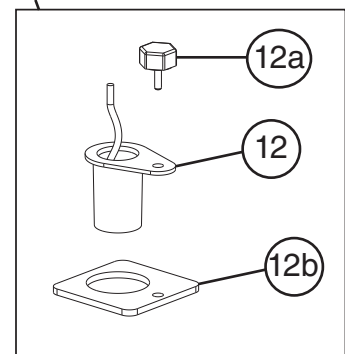
N-2 to Q-0



**Aux Code L-2 and earlier**



**Aux Code M-0 to N-3**

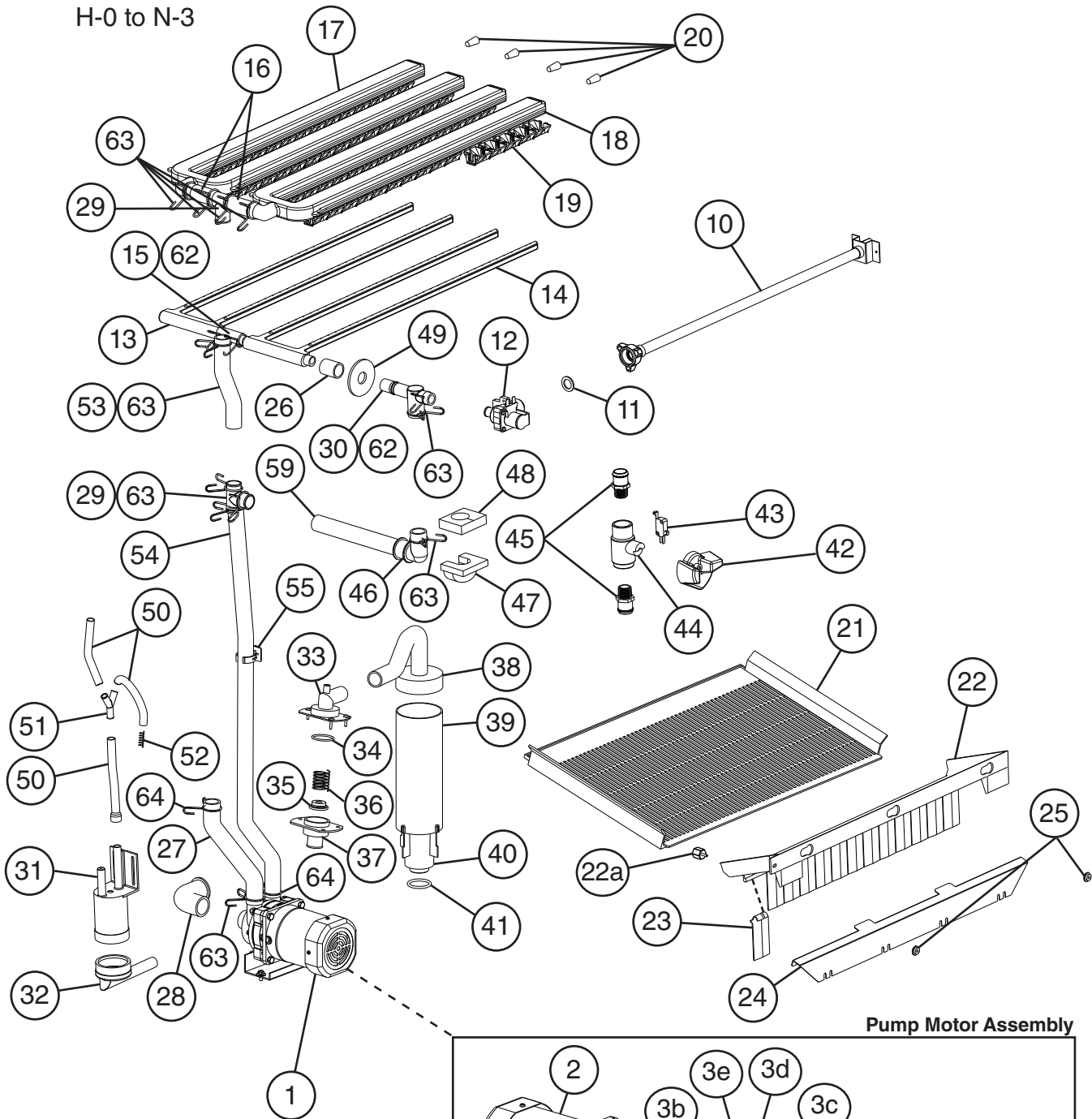


**Aux Code P-0 and later**

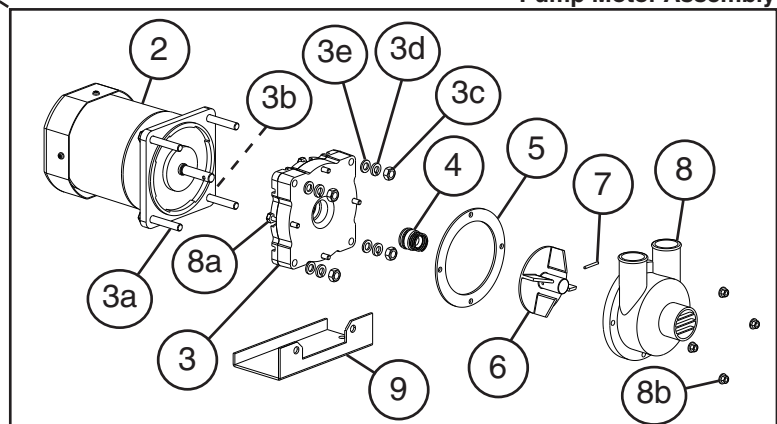
| Title: A. Main Assembly & Refrigeration Circuit    Model: KM-1340MRJ(Z)/3 |                                                     |                          |             |                 |         |            |            |  |  |  |  |
|---------------------------------------------------------------------------|-----------------------------------------------------|--------------------------|-------------|-----------------|---------|------------|------------|--|--|--|--|
| Index No.                                                                 | Description                                         | Material or Model Number | Part Number | Required Number |         |            |            |  |  |  |  |
|                                                                           |                                                     |                          |             | H-0 to L-0      | L-1 L-2 | M-0 to N-3 | P-0 to Q-0 |  |  |  |  |
| Main Assembly                                                             |                                                     |                          |             |                 |         |            |            |  |  |  |  |
| 1                                                                         | Front Panel Assembly                                |                          | 2B0020A04   | 1               | 1       | 1          | -          |  |  |  |  |
|                                                                           |                                                     |                          | 2B0020A02   |                 |         |            | 1          |  |  |  |  |
| 2                                                                         | Gasket                                              | L=762 mm                 | 4A0808L02   | 1               | 1       | 1          | 1          |  |  |  |  |
| 3                                                                         | Front Insulation                                    |                          | 322711G01   | 1               | 1       | 1          | 1          |  |  |  |  |
| 4                                                                         | Top Panel Assembly                                  |                          | 3A1941A01   | 1               | 1       | 1          | 1          |  |  |  |  |
| 5                                                                         | Top Insulation                                      |                          | 322714G01   | 1               | 1       | 1          | 1          |  |  |  |  |
| 6                                                                         | Right Side Panel                                    |                          | 2A2165G01   | 1               | 1       | 1          | 1          |  |  |  |  |
| 7                                                                         | Control Box Cover                                   |                          | 3A2386-01   | 1               | 1       | -          |            |  |  |  |  |
|                                                                           |                                                     |                          | 3B1114-01   |                 |         | 1          | 1          |  |  |  |  |
|                                                                           |                                                     |                          | 3B1525-01   |                 |         |            | 1          |  |  |  |  |
| 8                                                                         | Junction Box Cover                                  |                          | 433410-01   | 2               | 2       | 2          | 2          |  |  |  |  |
| 9                                                                         | Bulb Holder Bracket                                 |                          | 322815G02   | 1               | 1       | -          |            |  |  |  |  |
| 9a                                                                        | Thumbscrew                                          |                          | 415949G10   | 2               | 2       | -          |            |  |  |  |  |
| 10                                                                        | Bulb Holder                                         |                          | 3A3903-01   | 1               | 1       | -          |            |  |  |  |  |
| 11                                                                        | Capillary Ring                                      |                          | 425307-02   | 1               | 1       | 1          | -          |  |  |  |  |
| 12                                                                        | Mechanical Bin Control                              |                          | 2A8598G01   |                 |         | 1          | -          |  |  |  |  |
|                                                                           | Ultrasonic Bin Control (includes items 12a and 12b) |                          | 4A6148G01   |                 |         |            | 1          |  |  |  |  |
| 12a                                                                       | Thumbscrew                                          |                          | 415949G10   |                 |         | 2          | 1          |  |  |  |  |
| 12b                                                                       | Spacer                                              |                          | 4A7285-01   |                 |         |            | 1          |  |  |  |  |
| 13                                                                        | Mechanical Bin Control Switch Mount                 |                          | 3A6040-01   |                 |         | 1          | -          |  |  |  |  |
| 13a                                                                       | Thumbscrew                                          |                          | 415949G10   |                 |         | 2          | -          |  |  |  |  |
| 14                                                                        | Mechanical Bin Control Assembly Bracket             |                          | 4A7068G01   |                 |         | 1          | -          |  |  |  |  |
| 15                                                                        | Main Transformer                                    | KM-1340MRJ(Z)/3          | 4A5695-01   | 1               | 1       | 1          | 1          |  |  |  |  |
| 16                                                                        | Voltage Tap Switch                                  |                          | 4A1477-01   | 1               | 1       | 1          | 1          |  |  |  |  |
|                                                                           |                                                     |                          |             |                 |         |            |            |  |  |  |  |
| Refrigeration Circuit                                                     |                                                     |                          |             |                 |         |            |            |  |  |  |  |
| 17                                                                        | Compressor                                          | KM-1340MRJ(Z)            | 4A4134-03   | 1               | 1       | 1          | 1          |  |  |  |  |
|                                                                           |                                                     | KM-1340MRJ(Z)/3          | 4A4135-03   | 1               | 1       | 1          | 1          |  |  |  |  |
| 18                                                                        | Receiver                                            |                          | 437652-01   | 1               | 1       | 1          | -          |  |  |  |  |
|                                                                           |                                                     |                          | 4A6213-01   |                 |         |            | 1          |  |  |  |  |
| 19                                                                        | Crankcase Heater                                    |                          | 4A5397-02   | 1               | 1       | 1          | 1          |  |  |  |  |
| 20                                                                        | Evaporator Assembly                                 |                          | 1A4309G01   | 1               | 1       | 1          | 1          |  |  |  |  |
| 21                                                                        | Heat Exchanger                                      |                          | 1A4595G01   | 1               | 1       | 1          | 1          |  |  |  |  |
| 22                                                                        | Thermostatic Expansion Valve                        |                          | 4A1482-01   | 2               | 2       | 2          | 2          |  |  |  |  |
| 23                                                                        | Thermostatic Expansion Valve Cover                  |                          | 3A0944-01   | 2               | 2       | 2          | 2          |  |  |  |  |
|                                                                           |                                                     |                          | 4A6853-01   |                 |         |            | 2          |  |  |  |  |
| 24                                                                        | Thermostatic Expansion Valve Bulb Holder            |                          | 3A0107-01   | 2               | 2       | 2          | 2          |  |  |  |  |
| 25                                                                        | Clamp                                               |                          | 443461-02   | 2               | 2       | 2          | 2          |  |  |  |  |
| 26                                                                        | Hot Gas Valve Body                                  |                          | 4A3978-01   | 1               | 1       | 1          | 1          |  |  |  |  |
| 27                                                                        | Liquid Line Valve Body                              |                          | 4A3276-01   | 1               | 1       | 1          | 1          |  |  |  |  |
| 28                                                                        | Valve Coil                                          |                          | 4A3277-01   | 2               | 2       | 2          | 2          |  |  |  |  |

| Title: A. Main Assembly & Refrigeration Circuit    Model: KM-1340MRJ(Z)/3 |                              |                          |             |                 |         |            |            |  |  |  |  |  |
|---------------------------------------------------------------------------|------------------------------|--------------------------|-------------|-----------------|---------|------------|------------|--|--|--|--|--|
| Index No.                                                                 | Description                  | Material or Model Number | Part Number | Required Number |         |            |            |  |  |  |  |  |
|                                                                           |                              |                          |             | H-0 to L-0      | L-1 L-2 | M-0 to N-3 | P-0 to Q-0 |  |  |  |  |  |
| 29                                                                        | Check Valve                  |                          | 4A1373-01   | 2               | 2       | 2          | 2          |  |  |  |  |  |
| 30                                                                        | Strainer                     |                          | 441569-04   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 31                                                                        | High-Pressure Switch         |                          | 463180-04   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 32                                                                        | Thermistor                   |                          | 429006-03   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 33                                                                        | Thermistor Holder            |                          | 427430-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 34                                                                        | Drier                        |                          | 4A2666-01   | 1               | 1       | 1          | 1          |  |  |  |  |  |
| 35                                                                        | Discharge Line Coupling      | <b>KM-1340MRJ</b>        | 434072-01   | 1               | 1       | -          |            |  |  |  |  |  |
|                                                                           | Discharge Line Service Valve | <b>KM-1340MRJ(Z)/3</b>   | 4A4822-01   |                 |         | 1          | 1          |  |  |  |  |  |
| 36                                                                        | Liquid Line Coupling         | <b>KM-1340MRJ</b>        | 426554-01   | 1               | 1       | -          |            |  |  |  |  |  |
|                                                                           | Liquid Line Service Valve    | <b>KM-1340MRJ(Z)/3</b>   | 4A3491-01   |                 |         | 1          | 1          |  |  |  |  |  |
| 37                                                                        | Service Valve                |                          | 4A3420-01   | 3               | 3       | 3          | 3          |  |  |  |  |  |

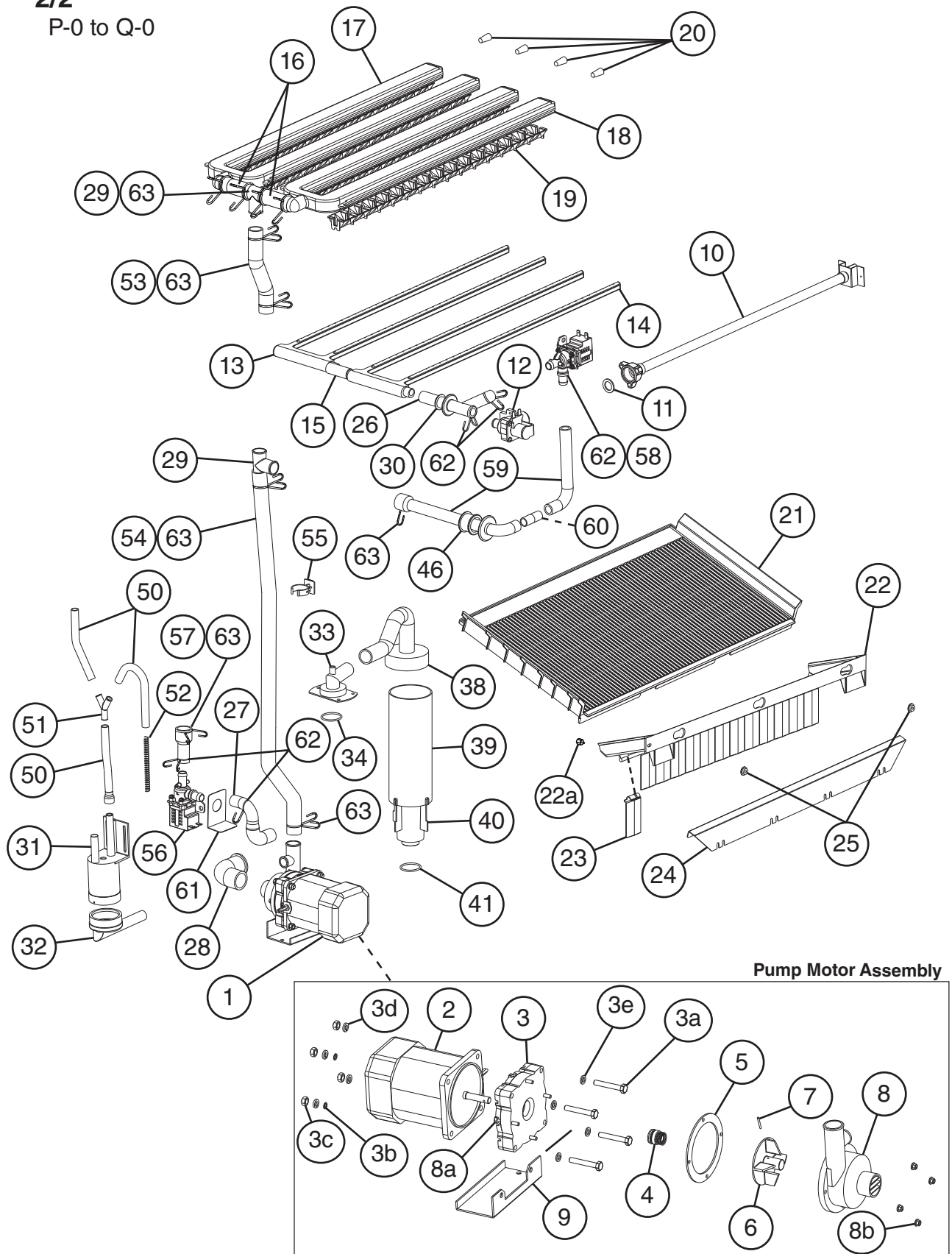
**B. Water Circuit**  
**KM-1340M\_J(Z)/3**  
**1/2**  
H-0 to N-3



**Pump Motor Assembly**



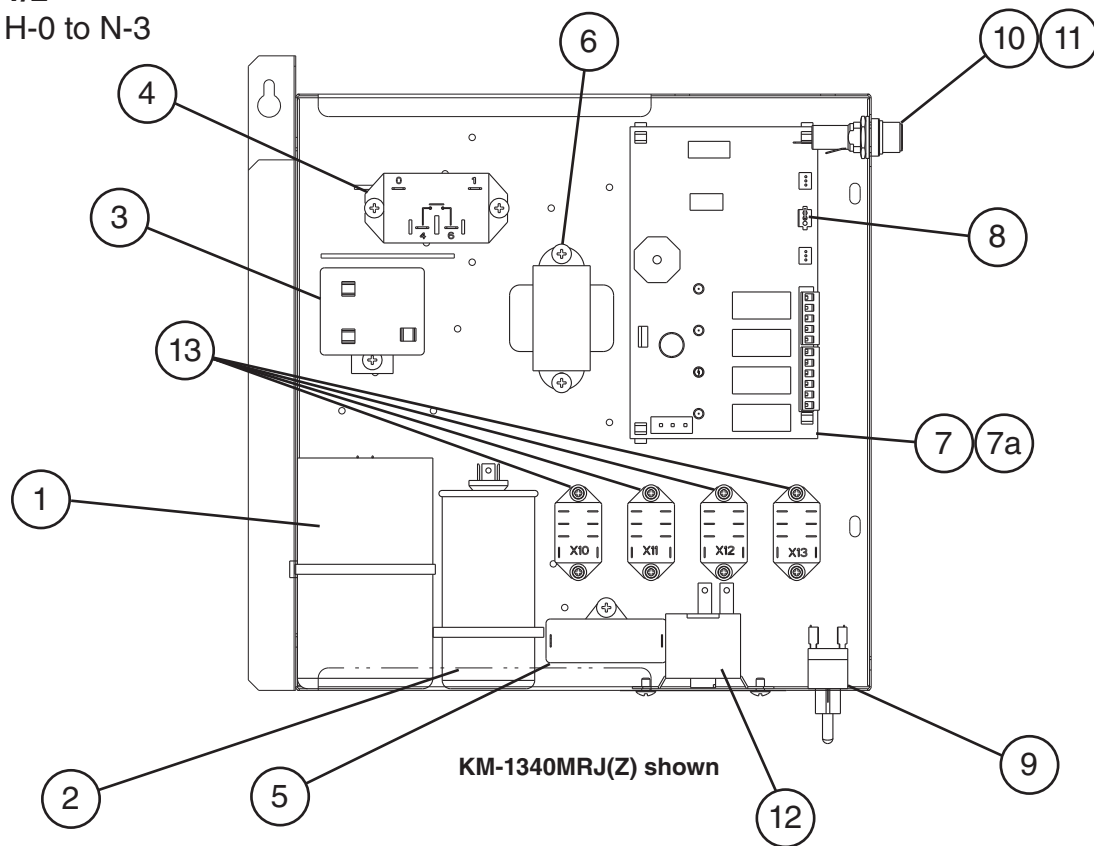
**B. Water Circuit**  
**KM-1340M\_J(Z)/3**  
**2/2**  
P-0 to Q-0



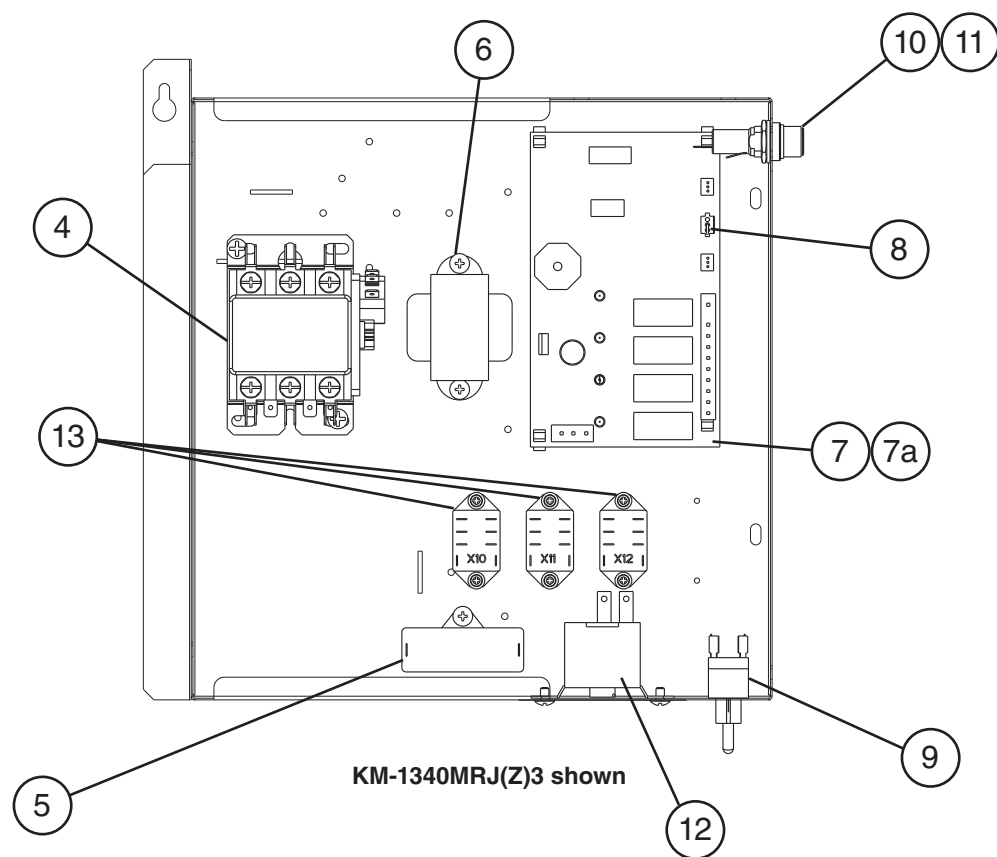
| Title: B. Water Circuit    Model: KM-1340M_J(Z)/3 |                                                     |                          |             |                 |     |            |     |            |         |     |  |  |
|---------------------------------------------------|-----------------------------------------------------|--------------------------|-------------|-----------------|-----|------------|-----|------------|---------|-----|--|--|
| Index No.                                         | Description                                         | Material or Model Number | Part Number | Required Number |     |            |     |            |         |     |  |  |
|                                                   |                                                     |                          |             | H-0 to L-0      | L-1 | M-0 to N-3 | P-0 | P-1 to P-3 | P-4 (M) | Q-0 |  |  |
| 1                                                 | Pump Motor Assembly<br>(includes items 2 through 9) | SP-0731                  | 215693A01   | 1               | 1   | 1          | -   |            |         |     |  |  |
|                                                   |                                                     |                          | 2B0399A01   |                 |     |            | 1   | 1          | 1       | 1   |  |  |
| 2                                                 | Pump Motor                                          | KM-1340M_J(Z)/3          | 3A7682-01   | 1               | -   |            |     |            |         |     |  |  |
|                                                   |                                                     |                          | 2U0106-01   |                 | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 3                                                 | Pump Flange                                         |                          | 215662-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 3a                                                | Hex Head Bolt                                       | 6x40, SS                 | 7B02-0640   | 4               | 4   | 4          | 4   | 4          | 4       | 4   |  |  |
| 3b                                                | Tooth Washer                                        | M6, SS                   | 7R22-0600   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 3c                                                | Hex Nut                                             | M6, SS                   | 7N12-0600   | 4               | 4   | 4          | 4   | 4          | 4       | 4   |  |  |
| 3d                                                | Split Lock Washer                                   | M6, SS                   | 7L22-0600   | 4               | 4   | 4          | 4   | 4          | 4       | 4   |  |  |
| 3e                                                | Flat Washer                                         | M6, SS                   | 7W22-0600   | 4               | 4   | 4          | 4   | 4          | 4       | 4   |  |  |
| 4                                                 | Mechanical Seal                                     |                          | 4A3820-01   | 1               | -   |            |     |            |         |     |  |  |
|                                                   |                                                     |                          | 4A3820-03   |                 | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 5                                                 | Packing                                             |                          | 428547-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 6                                                 | Impeller                                            |                          | 428548-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 7                                                 | Pin                                                 | SS                       | 4A0648-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 8                                                 | Pump Housing                                        |                          | 212636-01   | 1               | 1   | 1          | -   |            |         |     |  |  |
|                                                   |                                                     |                          | 2A2762-01   |                 |     |            | 1   | 1          | 1       | 1   |  |  |
| 8a                                                | Hexagon Bolt                                        | 4x30, SS                 | 7B02-0430   | 4               | 4   | 4          | 4   | 4          | 4       | 4   |  |  |
| 8b                                                | Hex Flange Nut                                      | M4, SS                   | 7J02-0400   | 4               | 4   | 4          | 4   | 4          | 4       | 4   |  |  |
| 9                                                 | Pump Motor Bracket                                  |                          | 435057-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 10                                                | Water Supply Pipe                                   |                          | 4A5216G04   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 11                                                | Rubber Gasket                                       |                          | 413854-03   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 12                                                | Inlet Water Valve                                   |                          | 3U0111-01   | 1               | 1   | 1          | 1   | -          |         |     |  |  |
|                                                   |                                                     |                          | 3B1433-01   |                 |     |            |     | 1          | 1       | 1   |  |  |
| 13                                                | Left Water Supply Tube                              |                          | 2A0079-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 14                                                | Right Water Supply Tube                             |                          | 2A0079-02   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 15                                                | Vinyl Hose                                          | L=55 mm                  | 7716-1519   | 1               | 1   | -          |     |            |         |     |  |  |
|                                                   |                                                     |                          | 7730B1519   |                 |     | 1          | 1   | 1          | 1       | 1   |  |  |
| 16                                                | Vinyl Hose                                          | L=60 mm                  | 7716-2025   | 2               | 2   | -          |     |            |         |     |  |  |
|                                                   |                                                     |                          | 7716B2025   |                 |     | 2          | 2   | 2          | 2       | 2   |  |  |
| 17                                                | Left Spray Tube                                     |                          | 1A0260-02   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 18                                                | Right Spray Tube                                    |                          | 1A0260-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 19                                                | Spray Guide                                         |                          | 2A4282-02   | 4               | 4   | 4          | 4   | 4          | 4       | 4   |  |  |
| 20                                                | Plug                                                |                          | 4A0176-01   | 4               | 4   | 4          | 4   | 4          | 4       | 4   |  |  |
| 21                                                | Cube Guide A                                        |                          | 214905-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 22                                                | Cube Guide B                                        |                          | 3A9745-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 22a                                               | Thumbscrew                                          |                          | 415949G10   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 23                                                | Separator                                           |                          | 3A9811-01   | 13              | 13  | 13         | 13  | 13         | 13      | 13  |  |  |
| 24                                                | Plate                                               |                          | 3A0133-01   | 1               | -   |            |     |            |         |     |  |  |
|                                                   |                                                     |                          | 3B0973-01   |                 | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 25                                                | Collar                                              |                          | 435269-01   | 2               | 2   | 2          | 2   | 2          | 2       | 2   |  |  |
| 26                                                | Vinyl Hose                                          | L=60 mm                  | 7716-2025   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 27                                                | Drain Hose                                          |                          | 435092-01   | 1               | 1   | 1          | -   |            |         |     |  |  |
|                                                   | Drain Hose A                                        |                          | 3B1457-01   |                 |     |            | 1   | 1          | 1       | 1   |  |  |
| 28                                                | Inlet Hose A                                        |                          | 435091-01   | 1               | 1   | 1          | 1   | 1          | 1       |     |  |  |
| 29                                                | Distributor Tee                                     |                          | 432426-01   | 2               | 2   | 2          | 2   | 2          | 2       | 2   |  |  |

| Title: B. Water Circuit    Model: KM-1340M_J(Z)/3 |                                                 |                          |             |                 |     |            |     |            |         |     |  |  |
|---------------------------------------------------|-------------------------------------------------|--------------------------|-------------|-----------------|-----|------------|-----|------------|---------|-----|--|--|
| Index No.                                         | Description                                     | Material or Model Number | Part Number | Required Number |     |            |     |            |         |     |  |  |
|                                                   |                                                 |                          |             | H-0 to L-0      | L-1 | M-0 to N-3 | P-0 | P-1 to P-3 | P-4 (M) | Q-0 |  |  |
| 30                                                | Distributor A (Tee)                             |                          | 4A0177-01   | 1               | 1   | 1          | -   |            |         |     |  |  |
|                                                   |                                                 |                          | 3A9429-01   |                 |     |            | 1   | 1          | 1       | 1   |  |  |
| 31                                                | Float Switch                                    |                          | 4A3624-02   | 1               | 1   | -          |     |            |         |     |  |  |
|                                                   |                                                 |                          | 4A7077G02   |                 |     | 1          | 1   | 1          | 1       | 1   |  |  |
| 32                                                | Float Switch Connector                          |                          | 426799-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 33                                                | Upper Drain Valve Housing                       |                          | 3A1170-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 34                                                | O-Ring                                          |                          | 7611-G035   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 35                                                | Valve Seat                                      |                          | 433705-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 36                                                | Spring                                          |                          | 322685-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 37                                                | Lower Drain Valve Housing                       |                          | 435054-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 38                                                | Distributor Hose (C)                            |                          | 326655-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 39                                                | Overflow Cap                                    |                          | 322816-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 40                                                | Overflow Pipe                                   |                          | 322691-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 41                                                | O-Ring                                          |                          | 4A1234-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 42                                                | Cleaning Valve Handle                           |                          | 215383-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 43                                                | Cleaning Valve Microswitch                      |                          | 4A2546-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 44                                                | Cleaning Valve Ball Valve                       | S-0761                   | 439293-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 45                                                | Cleaning Valve Male Adaptor                     |                          | 325826-01   | 2               | 2   | 2          | 2   | 2          | 2       | 2   |  |  |
| 46                                                | Rubber Ring                                     |                          | 439236-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 47                                                | Corner Insulation (A)                           |                          | 439376-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 48                                                | Corner Insulation (B)                           |                          | 439392-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 49                                                | Flange                                          |                          | 439267-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 50                                                | Silicone Hose                                   | L=130 mm                 | 773013812   | 3               | 3   | 3          | 3   | 3          | 3       | 3   |  |  |
| 51                                                | Connector                                       |                          | 432763-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 52                                                | Spring                                          |                          | 435825-01   |                 |     |            | 1   | 1          | 1       | 1   |  |  |
| 53                                                | Vinyl Hose                                      | L=165 mm                 | 7716-2025   | 1               | 1   | -          |     |            |         |     |  |  |
|                                                   |                                                 |                          | 7716B2025   |                 |     | 1          | 1   | 1          | 1       | 1   |  |  |
| 54                                                | Vinyl Hose                                      | L=700 mm                 | 7716-2025   | 1               | 1   | -          |     |            |         |     |  |  |
|                                                   |                                                 |                          | 7716B2025   |                 |     | 1          | 1   | 1          | 1       | 1   |  |  |
| 55                                                | Holder                                          |                          | 322692-01   | 1               | 1   | 1          | 1   | 1          | 1       | 1   |  |  |
| 56                                                | Drain Valve                                     |                          | 4A5745-07   |                 |     |            | 1   | 1          | 1       | 1   |  |  |
| 57                                                | Drain Hose B                                    |                          | 3B1462-01   |                 |     |            | 1   | 1          | 1       | 1   |  |  |
| 58                                                | Cleaning Valve                                  |                          | 4A5745-06   |                 |     |            | 1   | 1          | 1       | 1   |  |  |
| 59                                                | Bypass Hose B                                   |                          | 439265-01   | 1               | 1   | 1          | -   |            |         |     |  |  |
|                                                   | 3-Piece Bypass Hose Assembly (includes item 60) |                          | 3B1376G01   |                 |     |            | 1   | 1          | 1       | 1   |  |  |
| 60                                                | Joint Pipe                                      |                          | 4A6286-01   |                 |     |            | 1   | 1          | 1       | 1   |  |  |
| 61                                                | Drain Valve Terminal Cover                      |                          | 3B1856-01   |                 |     |            |     | 1          | 1       | 1   |  |  |
| <b>Hose Clamps</b>                                |                                                 |                          |             |                 |     |            |     |            |         |     |  |  |
| 62                                                | Hose Clamp                                      | 18 mm                    | 427443-05   | 3               | 3   | 3          | 5   | 5          | 5       | 5   |  |  |
| 63                                                | Hose Clamp                                      | 25 mm                    | 427443-03   | 12              | 12  | 12         | 10  | 10         | 10      | 10  |  |  |
| 64                                                | Hose Clamp                                      | 27 mm                    | 427443-08   | 2               | 2   | 2          |     |            |         |     |  |  |

# **C. Control Box Assembly** **KM-1340M\_J(Z)/3** 1/2 H-0 to N-3



KM-1340MRJ(Z) shown



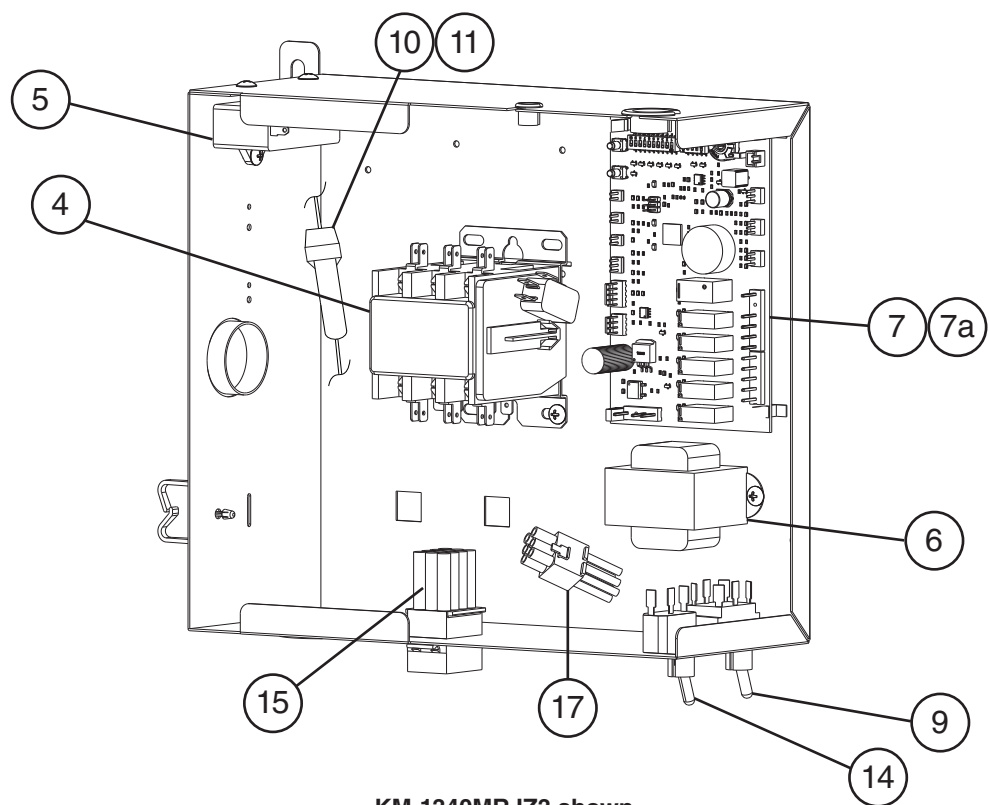
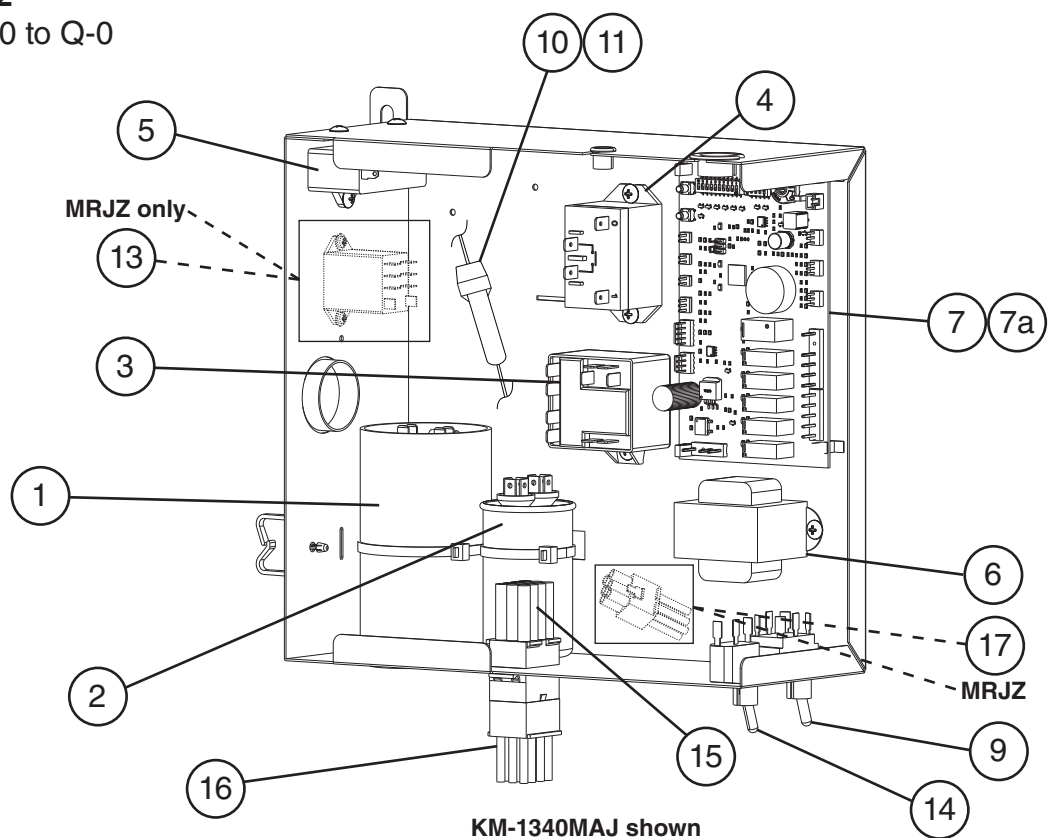
KM-1340MRJ(Z)3 shown

## C. Control Box Assembly

KM-1340M\_J(Z)/3

2/2

P-0 to Q-0

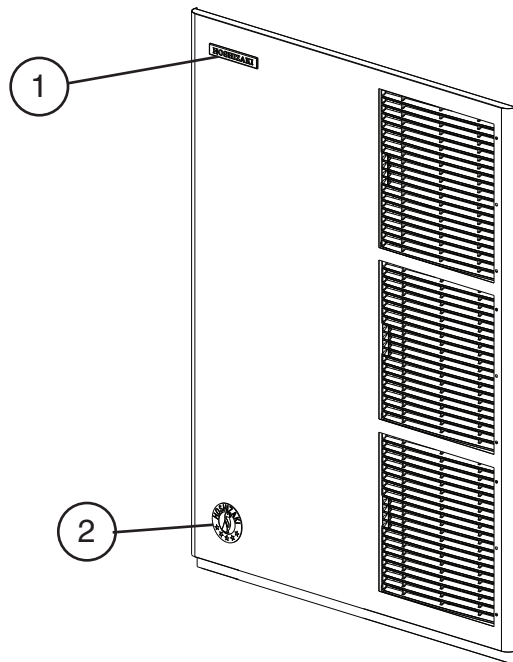


| Title: C. Control Box Assembly    Model: KM-1340M_J/(Z)3 |                                                                                       |                                                                |             |                 |            |            |         |     |  |  |  |  |
|----------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------|-----------------|------------|------------|---------|-----|--|--|--|--|
| Index No.                                                | Description                                                                           | Material or Model Number                                       | Part Number | Required Number |            |            |         |     |  |  |  |  |
|                                                          |                                                                                       |                                                                |             | H-0 to L-2      | M-0 to N-3 | P-0 to P-3 | P-4 (M) | Q-0 |  |  |  |  |
| 1                                                        | Start Capacitor                                                                       | <b>KM-1340M_J(Z)</b><br>145-174MFD,<br>220VAC                  | 3A0076-11   | 1               | 1          | 1          | 1       | 1   |  |  |  |  |
| 2                                                        | Run Capacitor                                                                         | <b>KM-1340M_J(Z)</b><br>30MFD, 370VAC                          | 3A2005-03   | 1               | 1          | 1          | 1       | 1   |  |  |  |  |
| 3                                                        | Start Relay                                                                           | <b>KM-1340M_J(Z)</b>                                           | 4A1107-13   | 1               | 1          | 1          | 1       | 1   |  |  |  |  |
| 4                                                        | Compressor Relay                                                                      | <b>KM-1340M_J(Z)</b>                                           | 4A3140-01   | 1               | 1          | 1          | 1       | 1   |  |  |  |  |
|                                                          | Magnetic Contactor                                                                    | <b>KM-1340MRJ(Z)3</b>                                          | 4A0794-01   | 1               | 1          | 1          | 1       | 1   |  |  |  |  |
| 5                                                        | Pump Motor Capacitor                                                                  | 10MFD, 250VAC                                                  | 443192-01   | 1               | 1          | 1          | 1       | 1   |  |  |  |  |
| 6                                                        | Control Transformer                                                                   |                                                                | 3A0172-01   | 1               | 1          | 1          | 1       | 1   |  |  |  |  |
| 7                                                        | Control Board                                                                         |                                                                | 2A7664-02   | 1               | 1          | -          |         |     |  |  |  |  |
|                                                          |                                                                                       |                                                                | 2A9678-01   |                 |            | 1          | -       |     |  |  |  |  |
|                                                          |                                                                                       |                                                                | 2A9678-02   |                 |            |            | 1       | 1   |  |  |  |  |
| 7a                                                       | Control Board Support                                                                 |                                                                | 4A0336-03   | 4               | 4          | 4          | 4       | 4   |  |  |  |  |
| 8                                                        | K4 Jumper                                                                             |                                                                | 4A4883G01   | 1               | 1          |            |         |     |  |  |  |  |
| 9                                                        | Control Switch                                                                        |                                                                | 443119-01   | 1               | 1          | -          |         |     |  |  |  |  |
|                                                          | Mode Switch                                                                           |                                                                | 4A6232-01   |                 |            | 1          | 1       | 1   |  |  |  |  |
| 10                                                       | Fuse Holder                                                                           |                                                                | 4A5443-01   | 1               | 1          | -          |         |     |  |  |  |  |
|                                                          | In-Line Fuse Holder                                                                   |                                                                | 4A6950-01   |                 |            | 1          | 1       | 1   |  |  |  |  |
| 11                                                       | Fuse                                                                                  | AGC-10A,<br>250VAC                                             | 4A0893-07   | 1               | 1          | 1          | 1       | 1   |  |  |  |  |
| 12                                                       | Bin Control Thermostat                                                                |                                                                | 4A2879-02   | 1               | 1          |            |         |     |  |  |  |  |
| 13                                                       | Relay<br>X10=Pump Direction Relay<br>X11=X10 Control Relay<br>X12=Slush Control Relay | <b>All Models</b>                                              | 406132-07   | 3               | 3          |            |         |     |  |  |  |  |
|                                                          | X13=Crankcase Heater Relay                                                            | <b>KM-1340MRJ(Z)</b>                                           |             | 1               | 1          | -          |         |     |  |  |  |  |
|                                                          | X10=Crankcase Heater Relay                                                            |                                                                |             |                 |            | 1          | 1       | 1   |  |  |  |  |
| 14                                                       | Control Switch                                                                        |                                                                | 4A0985-01   |                 |            | 1          | 1       | 1   |  |  |  |  |
| 15                                                       | Wire Harness A -<br>(includes items 10 and 11)                                        | <b>KM-1340MAJ</b><br><b>KM-1340MWJ</b><br><b>KM-1340MRJZ</b>   | 1A7314-01   |                 |            | 1          | 1       | 1   |  |  |  |  |
|                                                          |                                                                                       | <b>KM-1340MRJZ3</b>                                            | 1A7315-01   |                 |            | 1          | 1       | 1   |  |  |  |  |
| 16                                                       | Wire Harness B                                                                        | <b>KM-1340MAJ</b><br><b>KM-1340MWJ</b><br><b>KM-1340MRJZ/3</b> | 1A7316-01   |                 |            | 1          | 1       | 1   |  |  |  |  |
| 17                                                       | Wire Harness C                                                                        | <b>KM-1340MRJZ/3</b>                                           | 1A5697-01   |                 |            | 1          | 1       | 1   |  |  |  |  |

## D. Accessories & Labels

### KM-1340M\_J(Z)/3

H-0 to Q-0



| Title: D. Accessories & Labels    Model: KM-1340M_J(Z)/3 |                        |                          |             |            |                 |  |  |  |  |  |  |  |
|----------------------------------------------------------|------------------------|--------------------------|-------------|------------|-----------------|--|--|--|--|--|--|--|
| Index No.                                                | Description            | Material or Model Number | Part Number | H-0 to Q-0 | Required Number |  |  |  |  |  |  |  |
|                                                          |                        |                          |             |            |                 |  |  |  |  |  |  |  |
| 1                                                        | Hoshizaki Emblem Label |                          | 4A0560-01   | 1          |                 |  |  |  |  |  |  |  |
| 2                                                        | Penguin Label          |                          | 475552L02   | 1          |                 |  |  |  |  |  |  |  |
| 3                                                        | Universal Brace        |                          | 4A0363-01   | 2          |                 |  |  |  |  |  |  |  |
| 3a                                                       | Hex Head Bolt          |                          | 7B02-0512   | 2          |                 |  |  |  |  |  |  |  |