



# HOSHIZAKI

## Parts List

Modular Crescent Cuber

Models

KM-1100MAJ, MWJ, MRJ, MRJZ



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## Auxiliary Codes

### KM-1100MAJ

G-0 August 2017  
H-0 January 2018  
J-0 January 2019  
K-0 January 2020  
L-0 January 2021  
L-1 April 2021  
L-2 June 2021  
L-3 August 2021  
L-1(M) December 2021  
M-0 January 2022  
N-0 January 2023  
N-1 September 2023  
P-0 January 2024  
P-2 July 2024  
P-3 August 2024  
P-4 October 2024  
Q-0 January 2025  
Q-1 February 2025

### KM-1100MWJ

G-0 August 2017  
H-0 May 2018  
K-0 February 2020  
L-0 March 2021  
L-1 May 2021  
L-2 June 2021  
L-3 August 2021  
L-4 September 2021  
L-0(K) October 2021  
M-0 January 2022  
N-0 April 2023  
P-0 February 2024  
P-3 September 2024  
P-4 October 2024  
Q-1 February 2025

### KM-1100MRJ

G-0 August 2017  
G-1 December 2017  
H-0 January 2018  
J-0 February 2019  
K-0 February 2020  
L-0 March 2021  
L-1 April 2021  
L-2 June 2021  
L-3 August 2021  
L-4 September 2021  
L-0(K) October 2021

### KM-1100MRJZ

M-0 January 2022  
N-0 January 2023  
N-1 September 2023  
P-0 February 2024  
P-2 July 2024  
P-3 September 2024  
P-4 October 2024  
Q-0 January 2025

## 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

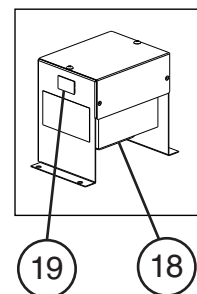
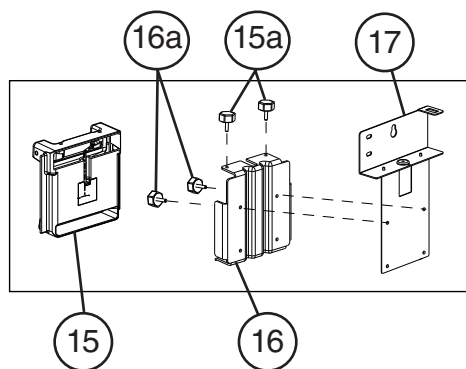
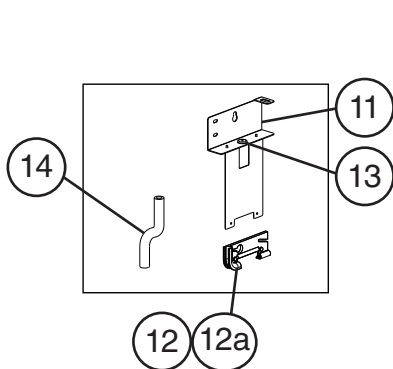
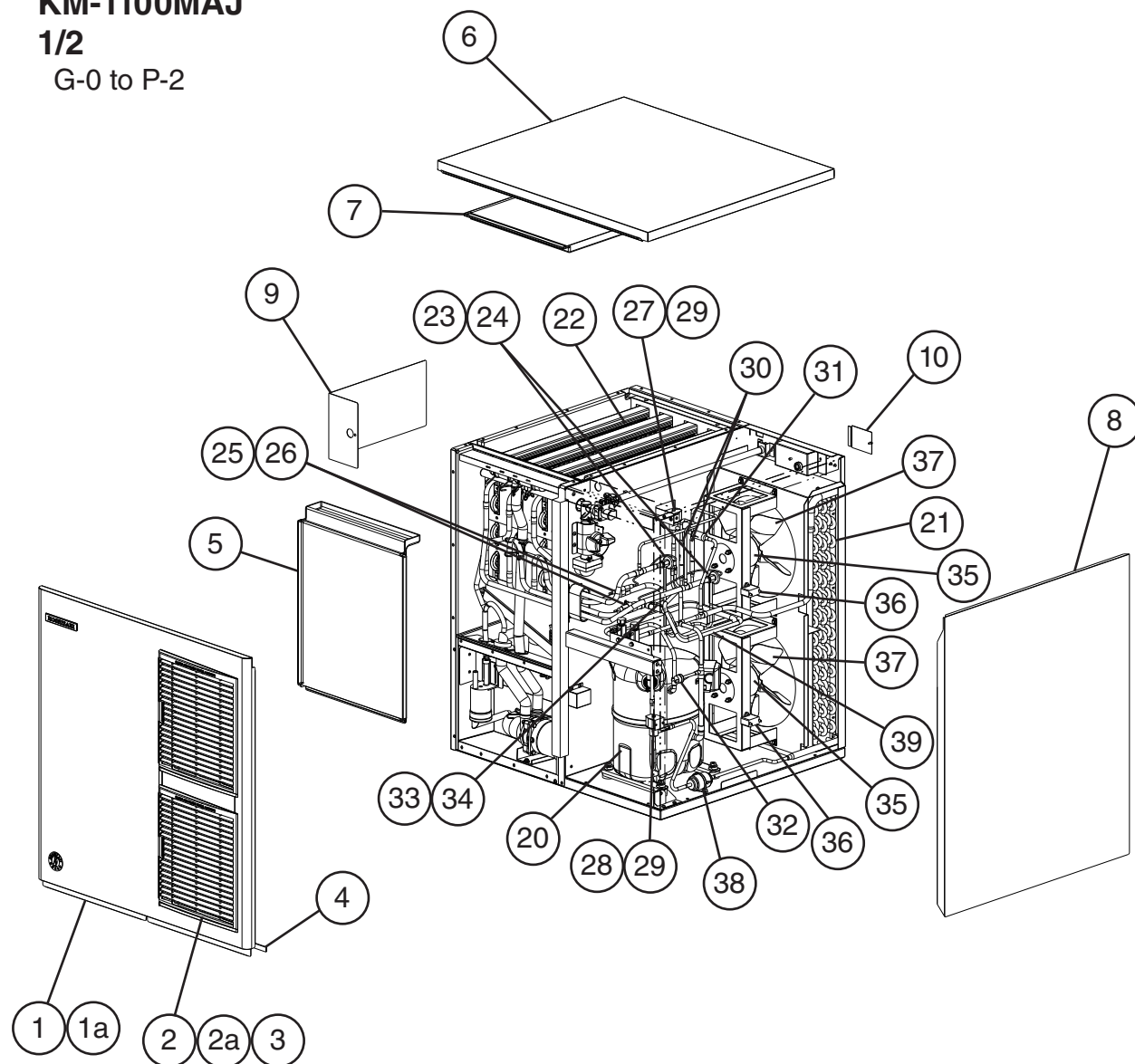
Most assemblies cannot be ordered as complete units; parts in the assemblies generally must be ordered separately.

## A. Main Assembly & Refrigeration Circuit

KM-1100MAJ

1/2

G-0 to P-2



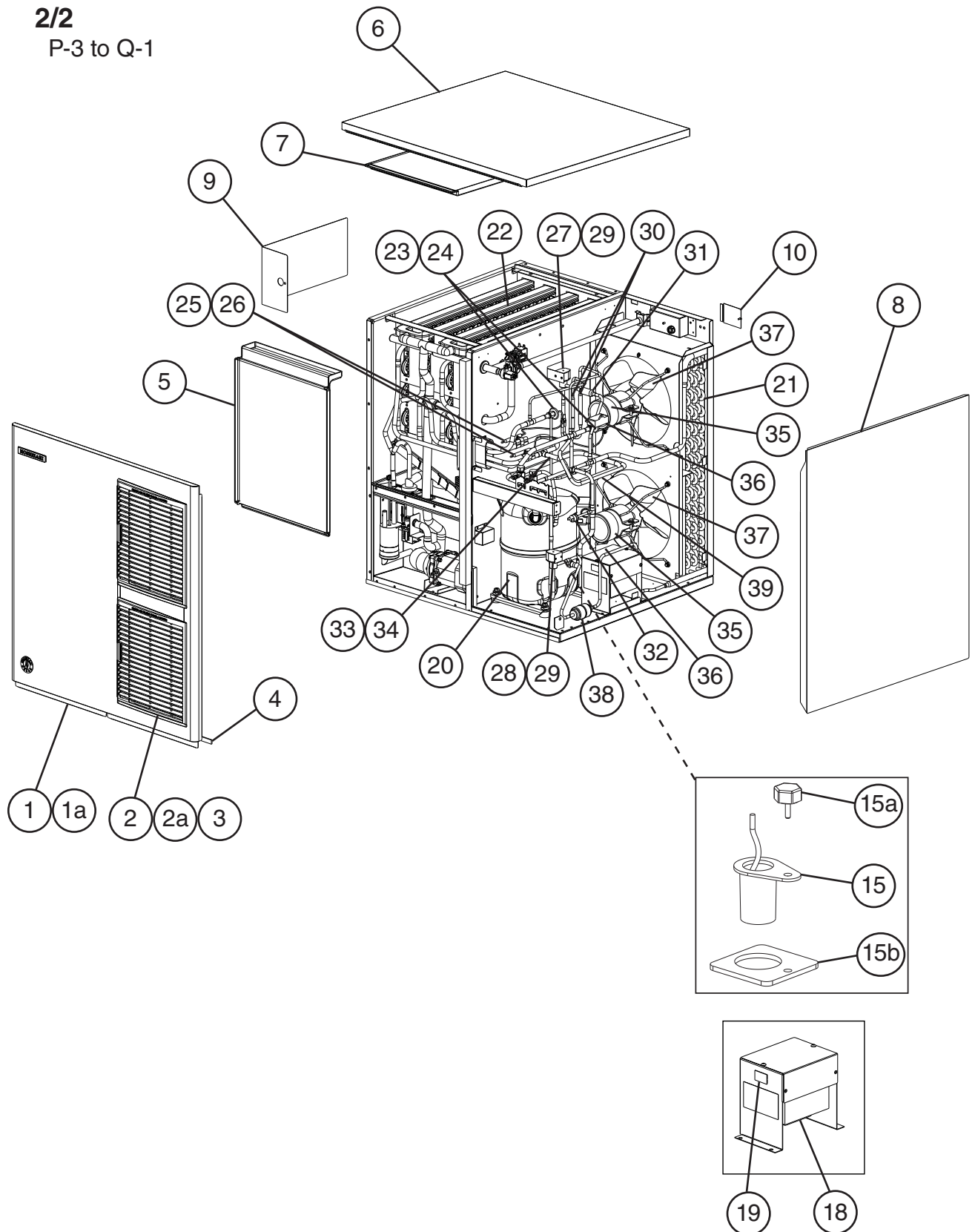
For Bin Control Thermostat,  
see "C. Control Box Assembly"

# A. Main Assembly & Refrigeration Circuit

KM-1100MAJ

2/2

P-3 to Q-1



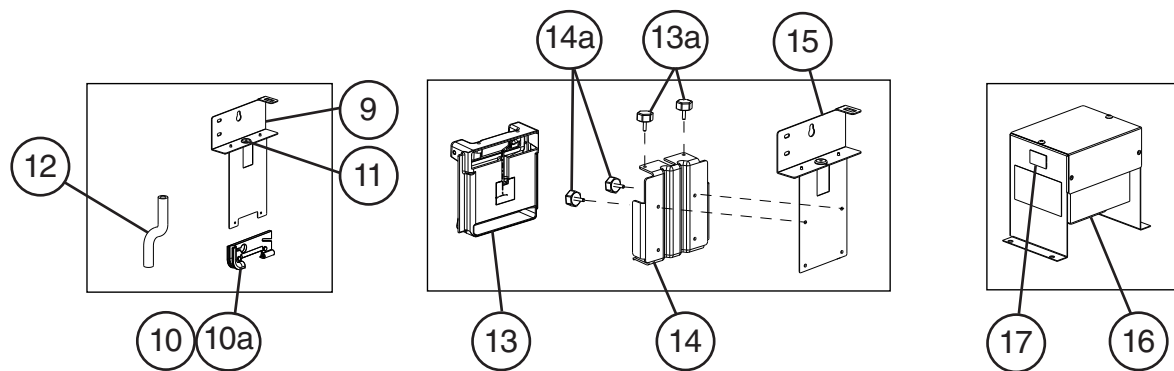
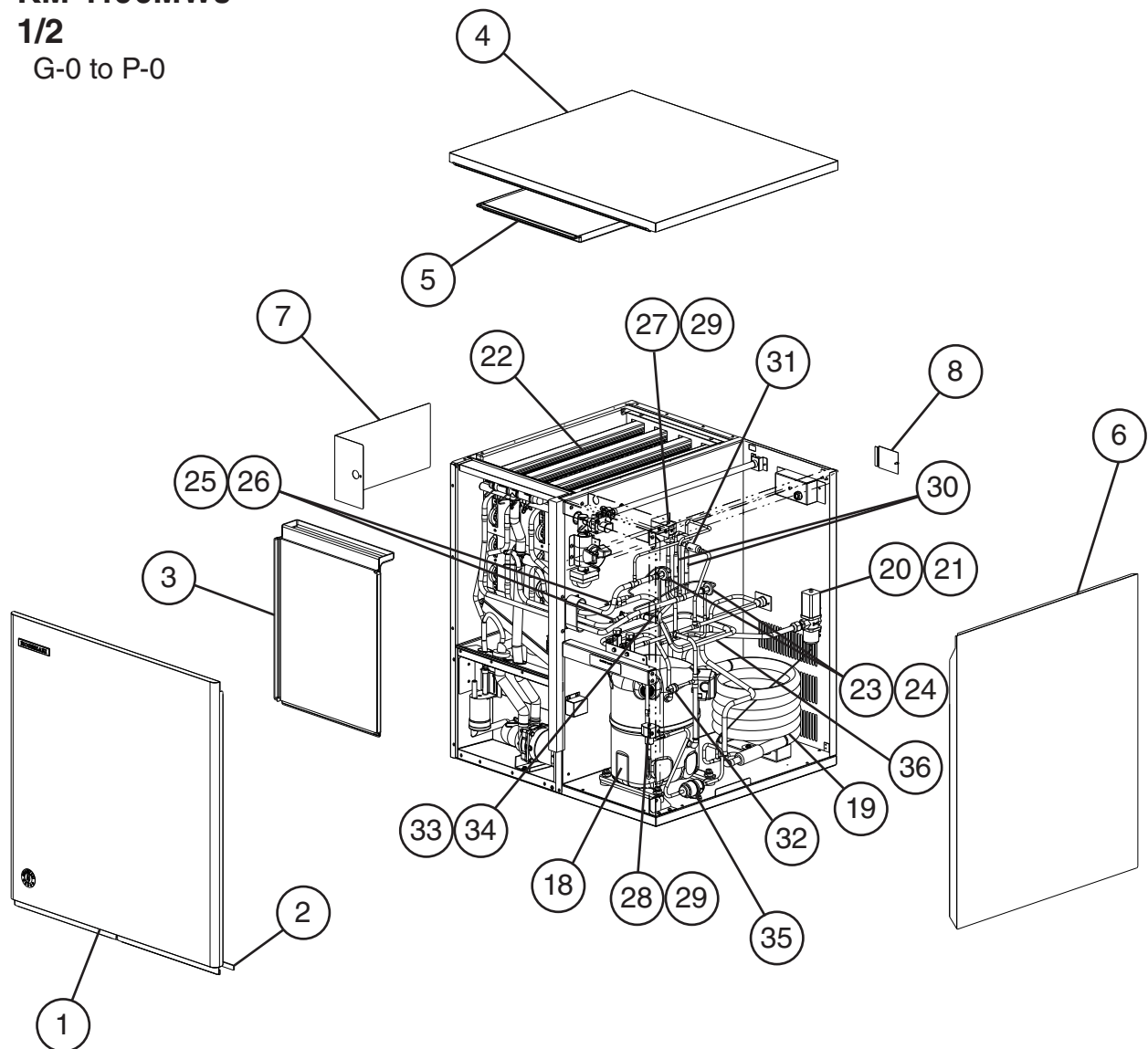
| Title: A. Main Assembly & Refrigeration Circuit    Model: KM-1100MAJ |                                              |                          |             |                 |           |            |            |  |  |  |  |  |
|----------------------------------------------------------------------|----------------------------------------------|--------------------------|-------------|-----------------|-----------|------------|------------|--|--|--|--|--|
| Index No.                                                            | Description                                  | Material or Model Number | Part Number | Required Number |           |            |            |  |  |  |  |  |
|                                                                      |                                              |                          |             | G-0 to L-0 (C)  | L1 to L-3 | M-0 to P-2 | P-3 to Q-1 |  |  |  |  |  |
| Main Assembly                                                        |                                              |                          |             |                 |           |            |            |  |  |  |  |  |
| 1                                                                    | Front Panel Assembly                         |                          | 1A6367A01   | 1               | 1         | 1          | -          |  |  |  |  |  |
|                                                                      |                                              |                          | 1A6367A02   |                 |           |            | 1          |  |  |  |  |  |
| 2                                                                    | Louver Assembly (includes items 2 through 3) |                          | 2A6649A01   | 1               | 1         | 1          | 1          |  |  |  |  |  |
|                                                                      | Louver                                       |                          | 1A0547-01   | 2               | 2         | 2          | 2          |  |  |  |  |  |
| 2a                                                                   | Push Retainer                                |                          | 4A2414-01   | 6               | 6         | -          |            |  |  |  |  |  |
| 3                                                                    | Air Filter                                   |                          | 2A2062G01   | 2               | 2         | 2          | 2          |  |  |  |  |  |
| 4                                                                    | Gasket                                       | L=762 mm                 | 4A0808L02   | 1               | 1         | 1          | 1          |  |  |  |  |  |
| 5                                                                    | Front Insulation                             |                          | 3A8392G01   | 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                             |                          | 1A3617G01   | 1               | 1         | 1          | 1          |  |  |  |  |  |
| 9                                                                    | Control Box Cover                            |                          | 3A9007-01   | 1               | 1         | -          |            |  |  |  |  |  |
|                                                                      |                                              |                          | 3B1113-01   |                 |           | 1          | -          |  |  |  |  |  |
|                                                                      |                                              |                          | 3B1942-01   |                 |           |            | 1          |  |  |  |  |  |
| 10                                                                   | Junction Box Cover                           |                          | 433410-01   | 1               | 1         | 1          | 1          |  |  |  |  |  |
| 11                                                                   | Thermostatic Bulb Holder Bracket             |                          | 322815G02   | 1               | 1         | -          |            |  |  |  |  |  |
| 12                                                                   | Thermostatic Bulb Holder                     |                          | 3A3903-01   | 1               | 1         | -          |            |  |  |  |  |  |
| 12a                                                                  | Thumbscrews                                  |                          | 415949G10   | 2               | 2         | -          |            |  |  |  |  |  |
| 13                                                                   | Thermostatic Capillary Tube Bushing          |                          | 425307-02   | 1               | 1         | -          |            |  |  |  |  |  |
| 14                                                                   | Silicone Hose                                | L=285 mm                 | 7730I3812   | 1               | 1         | 1          | 1          |  |  |  |  |  |
| 15                                                                   | Mechanical Bin Control                       |                          | 2A8598G01   |                 |           | 1          | -          |  |  |  |  |  |
|                                                                      | Ultrasonic Bin Control                       |                          | 4A6148G01   |                 |           |            | 1          |  |  |  |  |  |
| 15a                                                                  | Thumbscrews                                  |                          | 415949G01   |                 |           | 2          | 1          |  |  |  |  |  |
| 15b                                                                  | Spacer                                       |                          | 4A7285-01   |                 |           |            | 1          |  |  |  |  |  |
| 16                                                                   | Mechanical Bin Control Bracket               |                          | 3A6040-01   |                 |           | 1          | -          |  |  |  |  |  |
| 16a                                                                  | Thumbscrews                                  |                          | 415949G12   |                 |           | 2          | 1          |  |  |  |  |  |
| 17                                                                   | Mechanical Bin Control Extension Bracket     |                          | 4A7068G01   |                 |           | 1          | -          |  |  |  |  |  |
| 18                                                                   | Main Transformer                             |                          | 4A5695-01   | 1               | 1         | 1          | 1          |  |  |  |  |  |
| 19                                                                   | Voltage Tap Switch                           |                          | 4A1477-01   | 1               | 1         | 1          | 1          |  |  |  |  |  |

| Title: A. Main Assembly & Refrigeration Circuit    Model: KM-1100MAJ |                                          |                          |             |                 |           |            |            |  |  |  |  |
|----------------------------------------------------------------------|------------------------------------------|--------------------------|-------------|-----------------|-----------|------------|------------|--|--|--|--|
| Index No.                                                            | Description                              | Material or Model Number | Part Number | Required Number |           |            |            |  |  |  |  |
|                                                                      |                                          |                          |             | G-0 to L-0 (C)  | L1 to L-3 | M-0 to P-2 | P-3 to Q-1 |  |  |  |  |
| Refrigeration Circuit                                                |                                          |                          |             |                 |           |            |            |  |  |  |  |
| 20                                                                   | Compressor                               |                          | 4A1539-03   | 1               | 1         | 1          | 1          |  |  |  |  |
| 21                                                                   | Condenser                                |                          | 1A4459-01   | 1               | 1         | 1          | 1          |  |  |  |  |
| 22                                                                   | Evaporator                               |                          | 1A3820G01   | 1               | 1         | 1          | 1          |  |  |  |  |
| 23                                                                   | Thermostatic Expansion Valve             |                          | 4A4008-02   | 2               | 2         | 2          | 2          |  |  |  |  |
| 24                                                                   | Thermostatic Expansion Valve Cover       |                          | 3A0944-01   | 2               | 2         | 2          | 2          |  |  |  |  |
| 25                                                                   | Thermostatic Expansion Valve Bulb Holder |                          | 3A0107-01   | 2               | 2         | 2          | 2          |  |  |  |  |
| 26                                                                   | Clamp                                    |                          | 443461-02   | 2               | 2         | 2          | 2          |  |  |  |  |
| 27                                                                   | Hot Gas Valve Body                       |                          | 4A3978-01   | 1               | 1         | 1          | 1          |  |  |  |  |
| 28                                                                   | Liquid Line Valve Body                   |                          | 4A3276-01   | 1               | 1         | 1          | 1          |  |  |  |  |
| 29                                                                   | Valve Coil                               |                          | 4A3277-01   | 2               | 2         | 2          | 2          |  |  |  |  |
| 30                                                                   | Check Valve                              |                          | 4A1373-01   | 2               | 2         | 2          | 2          |  |  |  |  |
| 31                                                                   | Strainer                                 |                          | 441569-04   | 1               | 1         | 1          | 1          |  |  |  |  |
| 32                                                                   | High-Pressure Switch                     |                          | 463180-04   | 1               | 1         | 1          | 1          |  |  |  |  |
| 33                                                                   | Thermistor                               |                          | 429006-03   | 1               | 1         | 1          | 1          |  |  |  |  |
| 34                                                                   | Thermistor Holder                        |                          | 427430-01   | 1               | 1         | 1          | 1          |  |  |  |  |
| 35                                                                   | Fan Motor                                | FM116A                   | 4A3158-01   | 2               | -         |            |            |  |  |  |  |
|                                                                      |                                          |                          | 4A6115-01   |                 | 2         | 2          | 2          |  |  |  |  |
| 36                                                                   | Fan Motor Capacitor                      | 5 MFD, 250VAC            | 4A6435-01   | 2               | -         |            |            |  |  |  |  |
|                                                                      |                                          |                          | 4A6435-02   |                 | 2         | 2          | -          |  |  |  |  |
|                                                                      |                                          | 5.5 MFD, 250VAC          | 4A6435-03   |                 |           |            | 2          |  |  |  |  |
| 37                                                                   | Fan Blade                                |                          | 4A3959-01   | 2               | 2         | 2          | 2          |  |  |  |  |
| 38                                                                   | Drier                                    |                          | 4A1113-01   | 1               | 1         | 1          | 1          |  |  |  |  |
| 39                                                                   | Heat Exchanger                           |                          | 1A8019G01   | 1               | 1         | 1          | 1          |  |  |  |  |

# **A. Main Assembly & Refrigeration Circuit** **KM-1100MWJ**

**1/2**

G-0 to P-0

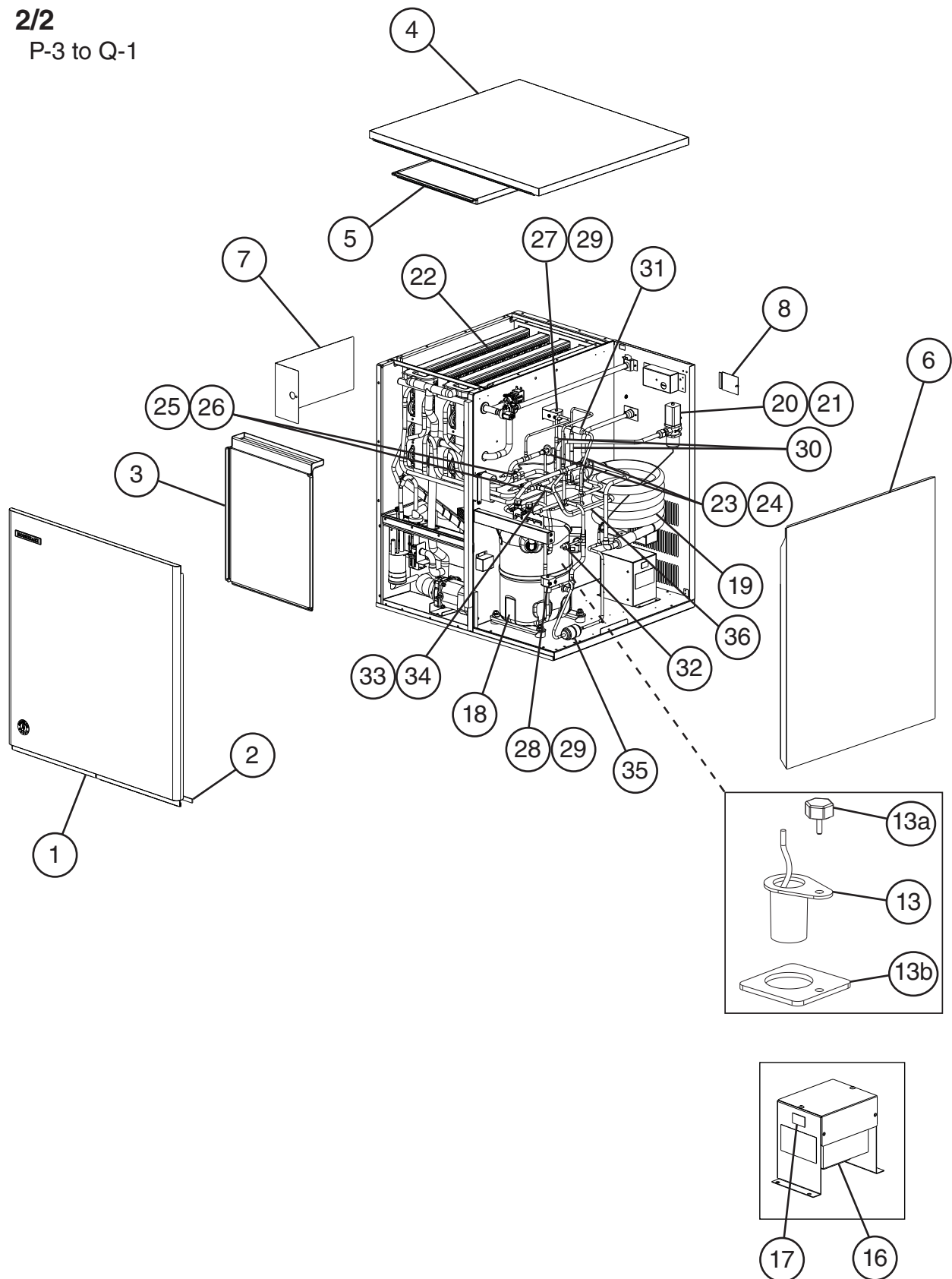


For Bin Control Thermostat,  
 see "C. Control Box Assembly"

# **A. Main Assembly & Refrigeration Circuit** **KM-1100MWJ**

**2/2**

P-3 to Q-1



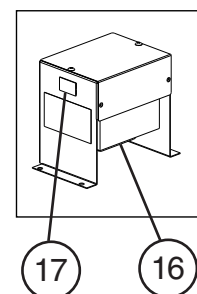
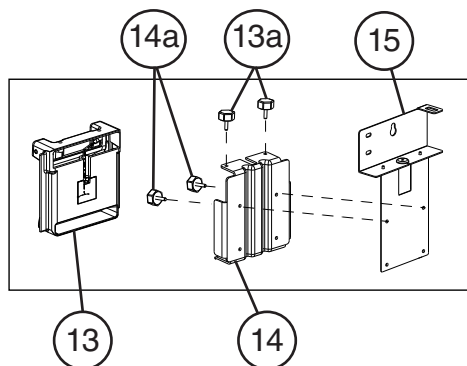
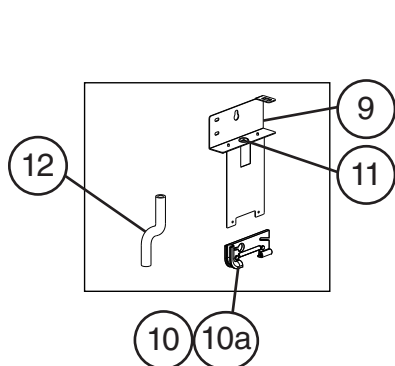
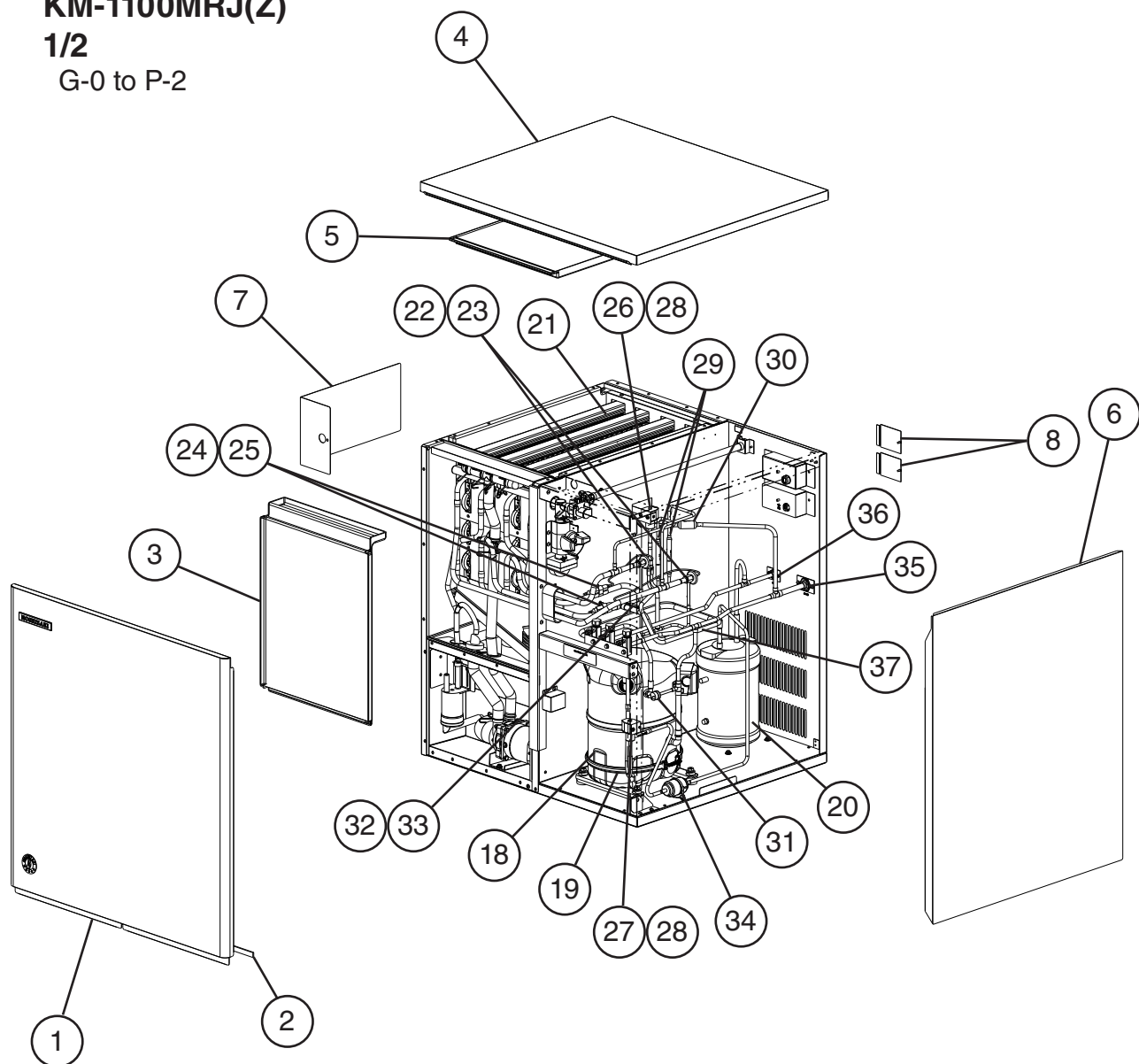
| Title: A. Main Assembly & Refrigeration Circuit      Model: KM-1100MWJ |                                          |                          |             |                 |         |            |         |     |  |  |  |  |
|------------------------------------------------------------------------|------------------------------------------|--------------------------|-------------|-----------------|---------|------------|---------|-----|--|--|--|--|
| Index No.                                                              | Description                              | Material or Model Number | Part Number | Required Number |         |            |         |     |  |  |  |  |
|                                                                        |                                          |                          |             | G-0 to L-4      | L-0 (K) | M-0 to P-0 | P-3 P-4 | Q-1 |  |  |  |  |
| Main Assembly                                                          |                                          |                          |             |                 |         |            |         |     |  |  |  |  |
| 1                                                                      | Front Panel Assembly                     |                          | 1A6329G02   | 1               | 1       | 1          | -       |     |  |  |  |  |
|                                                                        |                                          |                          | 1A7686A01   |                 |         |            | 1       | 1   |  |  |  |  |
| 2                                                                      | Gasket                                   | L=762 mm                 | 4A0808L02   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 3                                                                      | Front Insulation                         |                          | 3A8392G01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 4                                                                      | Top Panel Assembly                       |                          | 3A1941A01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 5                                                                      | Top Insulation                           |                          | 322714G01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 6                                                                      | Right Side Panel                         |                          | 1A3617G01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 7                                                                      | Control Box Cover                        |                          | 3A9007-01   | 1               | -       |            |         |     |  |  |  |  |
|                                                                        |                                          |                          | 3B1113-01   |                 | 1       | 1          | 1       | -   |  |  |  |  |
|                                                                        |                                          |                          | 3B1942-01   |                 |         |            |         | 1   |  |  |  |  |
| 8                                                                      | Junction Box Cover                       |                          | 433410-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 9                                                                      | Thermostatic Bulb Holder Bracket         |                          | 322815G02   | 1               | -       |            |         |     |  |  |  |  |
| 10                                                                     | Thermostatic Bulb Holder                 |                          | 3A3903-01   | 1               | -       |            |         |     |  |  |  |  |
| 10a                                                                    | Thumbscrews                              |                          | 415949G10   | 2               | -       |            |         |     |  |  |  |  |
| 11                                                                     | Thermostatic Capillary Tube Bushing      |                          | 425307-02   | 1               | -       |            |         |     |  |  |  |  |
| 12                                                                     | Silicone Hose                            | L=285 mm                 | 7730I3812   | 1               | -       |            |         |     |  |  |  |  |
| 13                                                                     | Mechanical Bin Control                   |                          | 2A8598G01   |                 | 1       | 1          | 1       | -   |  |  |  |  |
|                                                                        | Ultrasonic Bin Control                   |                          | 4A6148G01   |                 |         |            |         | 1   |  |  |  |  |
| 13a                                                                    | Thumbscrews                              |                          | 415949G10   |                 | 2       | 2          | 2       | 1   |  |  |  |  |
| 13b                                                                    | Spacer                                   |                          | 4A7285-01   |                 |         |            |         | 1   |  |  |  |  |
| 14                                                                     | Mechanical Bin Control Bracket           |                          | 3A6040-01   |                 | 1       | 1          | 1       | -   |  |  |  |  |
|                                                                        |                                          |                          | 3B1037-01   |                 |         |            | 1       | -   |  |  |  |  |
| 14a                                                                    | Thumbscrews                              |                          | 415949G12   |                 | 2       | 2          | 1       |     |  |  |  |  |
| 15                                                                     | Mechanical Bin Control Extension Bracket |                          | 4A7068G01   |                 | 1       | 1          | 1       | -   |  |  |  |  |
| 16                                                                     | Main Transformer                         |                          | 4A5695-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 17                                                                     | Voltage Tap Switch                       |                          | 4A1477-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |

| Title: A. Main Assembly & Refrigeration Circuit      Model: KM-1100MWJ |                                          |                          |             |                 |         |            |         |     |  |  |  |  |
|------------------------------------------------------------------------|------------------------------------------|--------------------------|-------------|-----------------|---------|------------|---------|-----|--|--|--|--|
| Index No.                                                              | Description                              | Material or Model Number | Part Number | Required Number |         |            |         |     |  |  |  |  |
|                                                                        |                                          |                          |             | G-0 to L-4      | L-0 (K) | M-0 to P-0 | P-3 P-4 | Q-1 |  |  |  |  |
| Refrigeration Circuit                                                  |                                          |                          |             |                 |         |            |         |     |  |  |  |  |
| 18                                                                     | Compressor                               |                          | 4A1539-03   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 19                                                                     | Condenser                                |                          | 3A7323-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 20                                                                     | Water Regulating Valve                   |                          | 4A0911-07   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 21                                                                     | Male Connector                           |                          | 4A1087-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 22                                                                     | Evaporator                               |                          | 1A3820G01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 23                                                                     | Thermostatic Expansion Valve             |                          | 4A4008-02   | 2               | 2       | 2          | 1       | 1   |  |  |  |  |
| 24                                                                     | Thermostatic Expansion Valve Cover       |                          | 3A0944-01   | 2               | 2       | 2          | 2       | 2   |  |  |  |  |
| 25                                                                     | Thermostatic Expansion Valve Bulb Holder |                          | 3A0107-01   | 2               | 2       | 2          | 2       | 2   |  |  |  |  |
| 26                                                                     | Clamp                                    |                          | 443461-02   | 2               | 2       | 2          | 2       | 2   |  |  |  |  |
| 27                                                                     | Hot Gas Valve Body                       |                          | 4A3978-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 28                                                                     | Liquid Line Valve Body                   |                          | 4A3276-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 29                                                                     | Valve Coil                               |                          | 4A3277-01   | 2               | 2       | 2          | 2       | 2   |  |  |  |  |
| 30                                                                     | Check Valve                              |                          | 4A1373-01   | 2               | 2       | 2          | 2       | 2   |  |  |  |  |
| 31                                                                     | Strainer                                 |                          | 441569-04   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 32                                                                     | High-Pressure Switch                     |                          | 463180-05   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 33                                                                     | Thermistor                               |                          | 429006-03   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 34                                                                     | Thermistor Holder                        |                          | 427430-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 35                                                                     | Drier                                    |                          | 4A1113-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 36                                                                     | Heat Exchanger                           |                          | 1A7725G01   | 1               | 1       | 1          | 1       | -   |  |  |  |  |
|                                                                        |                                          |                          | 1A8019G01   |                 |         |            |         | 1   |  |  |  |  |

# **A. Main Assembly & Refrigeration Circuit** **KM-1100MRJ(Z)**

**1/2**

G-0 to P-2



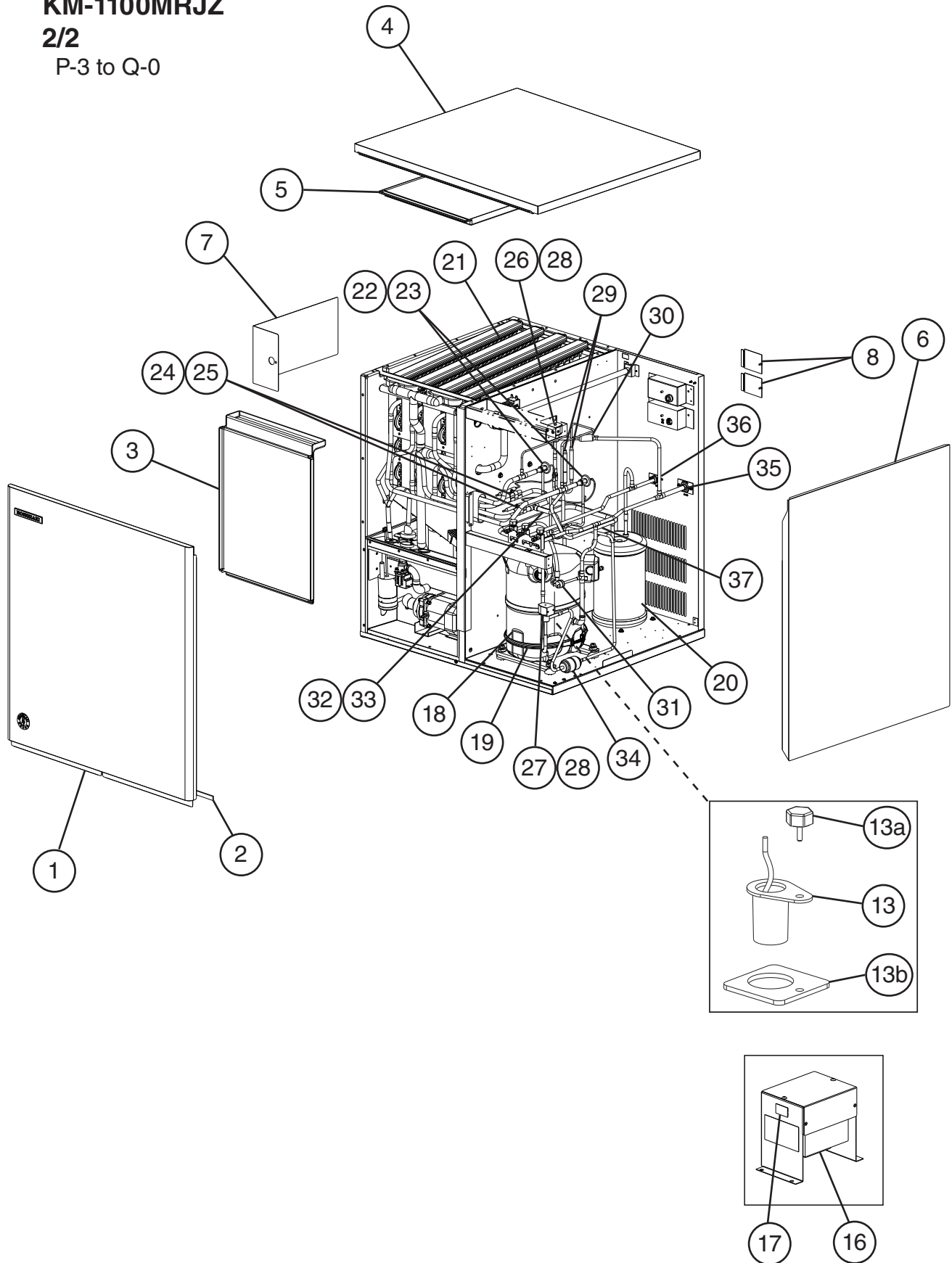
For Bin Control Thermostat,  
 see "C. Control Box Assembly"

## A. Main Assembly & Refrigeration Circuit

KM-1100MRJZ

2/2

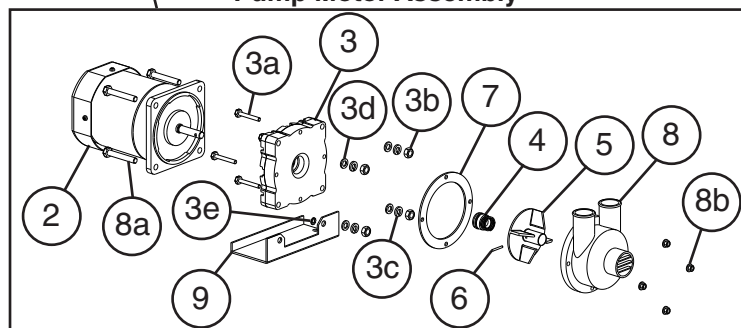
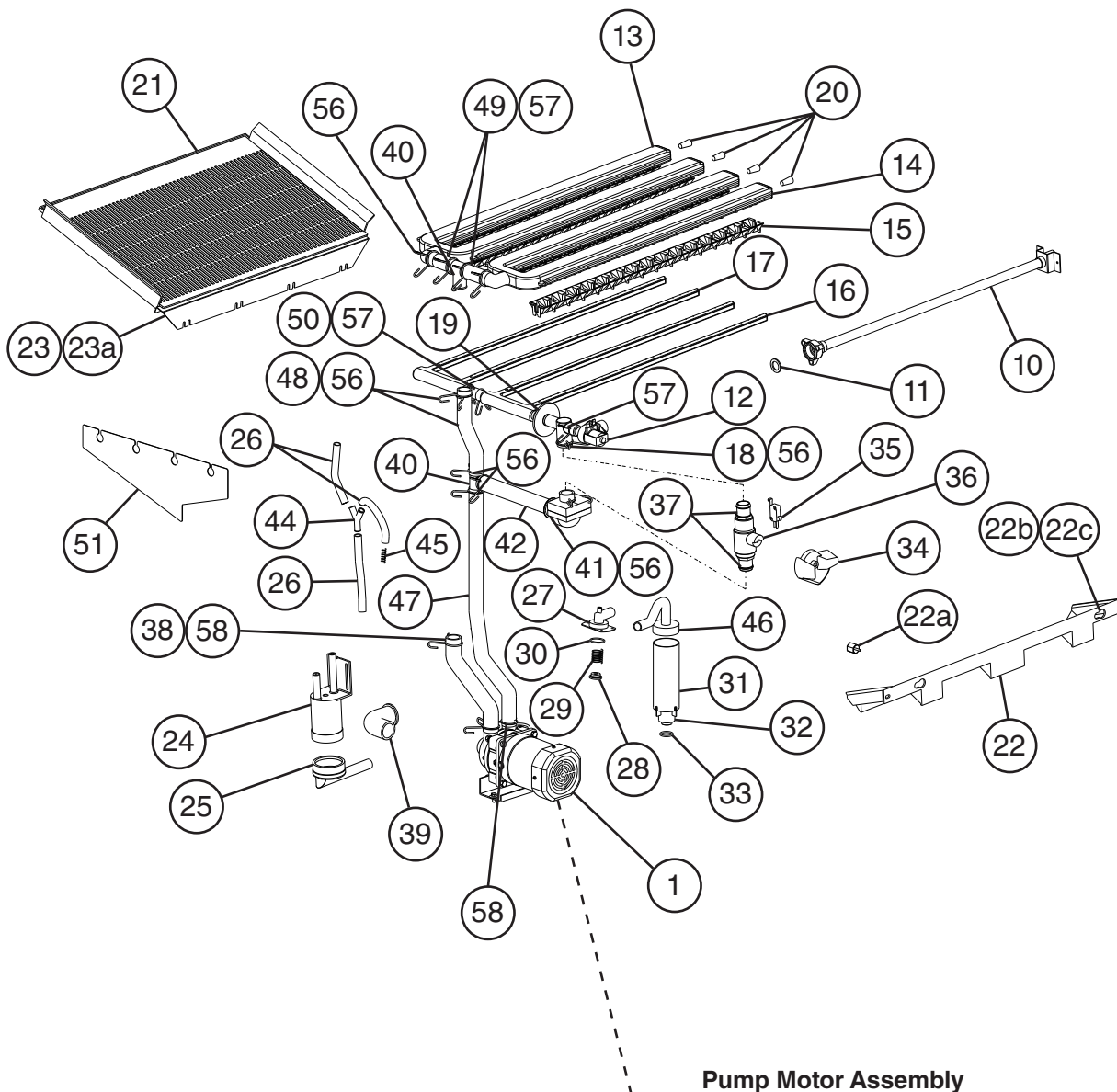
P-3 to Q-0



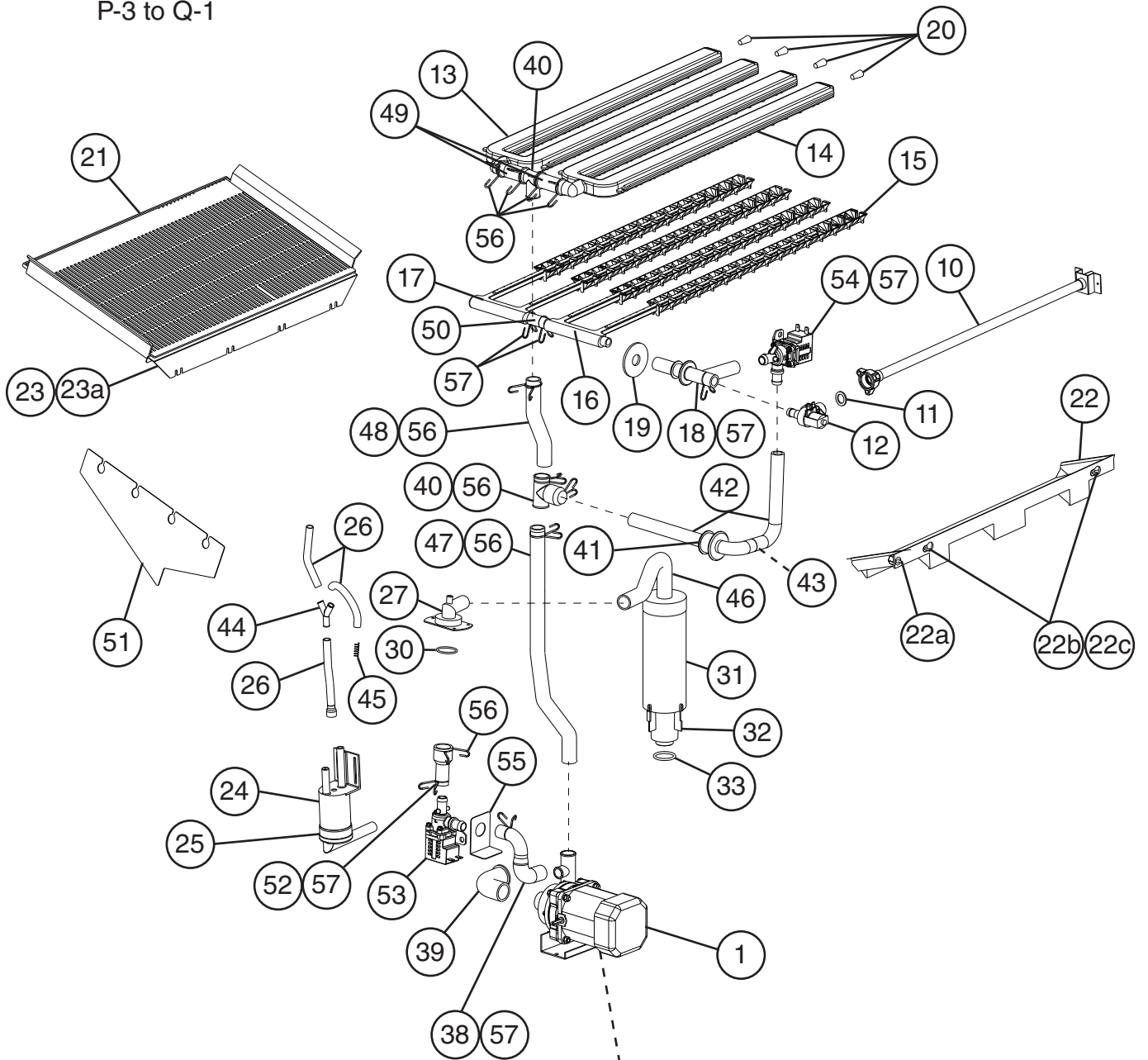
| Title: A. Main Assembly & Refrigeration Circuit    Model: KM-1100MRJ(Z) |                                          |                          |             |                 |         |            |         |     |  |  |  |  |
|-------------------------------------------------------------------------|------------------------------------------|--------------------------|-------------|-----------------|---------|------------|---------|-----|--|--|--|--|
| Index No.                                                               | Description                              | Material or Model Number | Part Number | Required Number |         |            |         |     |  |  |  |  |
|                                                                         |                                          |                          |             | G-0 to L-4      | L-0 (K) | M-0 to P-2 | P-3 P-4 | Q-0 |  |  |  |  |
| Main Assembly                                                           |                                          |                          |             |                 |         |            |         |     |  |  |  |  |
| 1                                                                       | Front Panel Assembly                     |                          | 1A6329G01   | 1               | 1       | 1          | -       |     |  |  |  |  |
|                                                                         |                                          |                          | 1A7686A01   |                 |         |            | 1       | 1   |  |  |  |  |
| 2                                                                       | Gasket                                   | L=762 mm                 | 4A0808L02   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 3                                                                       | Front Insulation                         |                          | 3A8392G01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 4                                                                       | Top Panel Assembly                       |                          | 3A1941A01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 5                                                                       | Top Insulation                           |                          | 322714G01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 6                                                                       | Right Side Panel                         |                          | 1A3617G01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 7                                                                       | Control Box Cover                        |                          | 3A9007-01   | 1               | 1       | 1          | -       |     |  |  |  |  |
|                                                                         |                                          | KM-1100MRJ               | 3B1113-01   |                 |         |            | 1       | 1   |  |  |  |  |
|                                                                         |                                          | KM-1100MRJZ              | 3B1942-01   |                 |         |            |         | 1   |  |  |  |  |
| 8                                                                       | Junction Box Cover                       |                          | 433410-01   | 2               | 2       | 2          | 2       | 2   |  |  |  |  |
| 9                                                                       | Thermostatic Bulb Holder Bracket         |                          | 322815G02   | 1               | -       |            |         |     |  |  |  |  |
| 10                                                                      | Thermostatic Bulb Holder                 |                          | 3A3903-01   | 1               | -       |            |         |     |  |  |  |  |
| 10a                                                                     | Thumbscrews                              |                          | 415949G10   | 2               | -       |            |         |     |  |  |  |  |
| 11                                                                      | Thermostatic Capillary Tube Bushing      |                          | 425307-02   | 1               | -       |            |         |     |  |  |  |  |
| 12                                                                      | Silicone Hose                            | L=285 mm                 | 7730I3812   | 1               | -       |            |         |     |  |  |  |  |
| 13                                                                      | Mechanical Bin Control                   | KM-1100MRJ               | 2A8598G01   |                 | 1       | 1          | -       |     |  |  |  |  |
|                                                                         | Ultrasonic Bin Control                   | KM-1100MRJZ              | 4A6148G01   |                 |         |            | 1       | 1   |  |  |  |  |
| 13a                                                                     | Thumbscrews                              | KM-1100MRJZ              | 415949G10   |                 | 2       | 2          | -       |     |  |  |  |  |
| 13b                                                                     | Spacer                                   | KM-1100MRJZ              | 435087-01   | 1               | 1       | 1          | -       |     |  |  |  |  |
|                                                                         |                                          |                          | 4A7285-01   |                 |         |            | 1       | 1   |  |  |  |  |
| 14                                                                      | Mechanical Bin Control Bracket           | KM-1100MRJ               | 3A6040-01   |                 | 1       | 1          | -       |     |  |  |  |  |
| 14a                                                                     | Thumbscrews                              | KM-1100MRJ               | 415949G12   |                 | 2       | 2          | 1       | 1   |  |  |  |  |
| 15                                                                      | Mechanical Bin Control Extension Bracket | KM-1100MRJ               | 4A7068G01   |                 | 1       | 1          | -       |     |  |  |  |  |
| 16                                                                      | Main Transformer                         |                          | 4A5695-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 17                                                                      | Voltage Tap Switch                       |                          | 4A1477-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |

| Title: A. Main Assembly & Refrigeration Circuit    Model: KM-1100MRJ(Z) |                                          |                          |             |                 |         |            |         |     |  |  |  |  |
|-------------------------------------------------------------------------|------------------------------------------|--------------------------|-------------|-----------------|---------|------------|---------|-----|--|--|--|--|
| Index No.                                                               | Description                              | Material or Model Number | Part Number | Required Number |         |            |         |     |  |  |  |  |
|                                                                         |                                          |                          |             | G-0 to L-4      | L-0 (K) | M-0 to P-2 | P-3 P-4 | Q-0 |  |  |  |  |
| Refrigeration Circuit                                                   |                                          |                          |             |                 |         |            |         |     |  |  |  |  |
| 18                                                                      | Compressor                               |                          | 4A1539-03   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 19                                                                      | Crankcase Heater                         |                          | 4A5397-02   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 20                                                                      | Receiver                                 |                          | 4A6213-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 21                                                                      | Evaporator                               |                          | 1A3820G01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 22                                                                      | Thermostatic Expansion Valve             |                          | 4A4008-02   | 2               | 2       | 2          | 2       | 2   |  |  |  |  |
| 23                                                                      | Thermostatic Expansion Valve Cover       |                          | 3A0944-01   | 2               | 2       | 2          | 2       | 2   |  |  |  |  |
| 24                                                                      | Thermostatic Expansion Valve Bulb Holder |                          | 3A0107-01   | 2               | 2       | 2          | 2       | 2   |  |  |  |  |
| 25                                                                      | Clamp                                    |                          | 443461-02   | 2               | 2       | 2          | 2       | 2   |  |  |  |  |
| 26                                                                      | Hot Gas Valve Body                       |                          | 4A3978-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 27                                                                      | Liquid Line Valve Body                   |                          | 4A3276-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 28                                                                      | Valve Coil                               |                          | 4A3277-01   | 2               | 2       | 2          | 2       | 2   |  |  |  |  |
| 29                                                                      | Check Valve                              |                          | 4A1373-01   | 2               | 2       | 2          | 2       | 2   |  |  |  |  |
| 30                                                                      | Strainer                                 |                          | 441569-04   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 31                                                                      | High-Pressure Switch                     |                          | 463180-04   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 32                                                                      | Thermistor                               |                          | 429006-03   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 33                                                                      | Thermistor Holder                        |                          | 427430-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 34                                                                      | Drier                                    |                          | 4A1113-01   | 1               | 1       | 1          | 1       | 1   |  |  |  |  |
| 35                                                                      | Discharge Line Coupling                  | KM-1100MRJ               | 434136G01   | 1               | -       |            |         |     |  |  |  |  |
|                                                                         | Discharge Line Service Valve             | KM-1100MRJZ              | 4A4822-01   |                 | 1       | 1          | 1       | 1   |  |  |  |  |
| 36                                                                      | Liquid Line Coupling                     | KM-1100MRJ               | 4A3887G01   | 1               | -       |            |         |     |  |  |  |  |
|                                                                         | Liquid Line Service Valve                | KM-1100MRJZ              | 4A3491-01   |                 | 1       | 1          | 1       | 1   |  |  |  |  |
| 37                                                                      | Heat Exchanger                           |                          | 1A3601G01   | 1               | 1       | 1          | -       |     |  |  |  |  |
|                                                                         |                                          |                          | 1A7725G01   |                 |         |            | 1       | -   |  |  |  |  |
|                                                                         |                                          |                          | 1A8019G01   |                 |         |            |         | 1   |  |  |  |  |

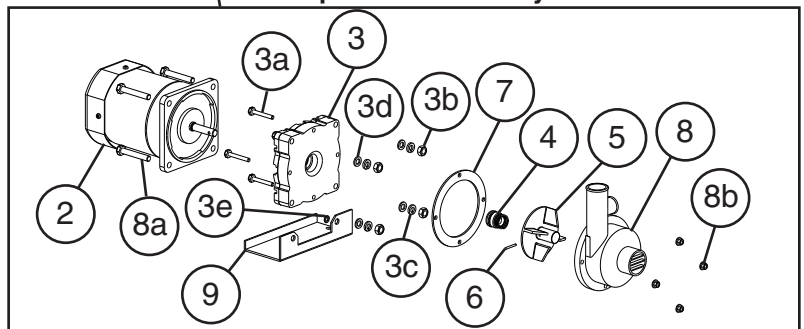
**B. Water Circuit**  
**KM-1100M\_J(Z)**  
**1/2**  
 G-0 to P-2



P-3 to Q-1



## Pump Motor Assembly



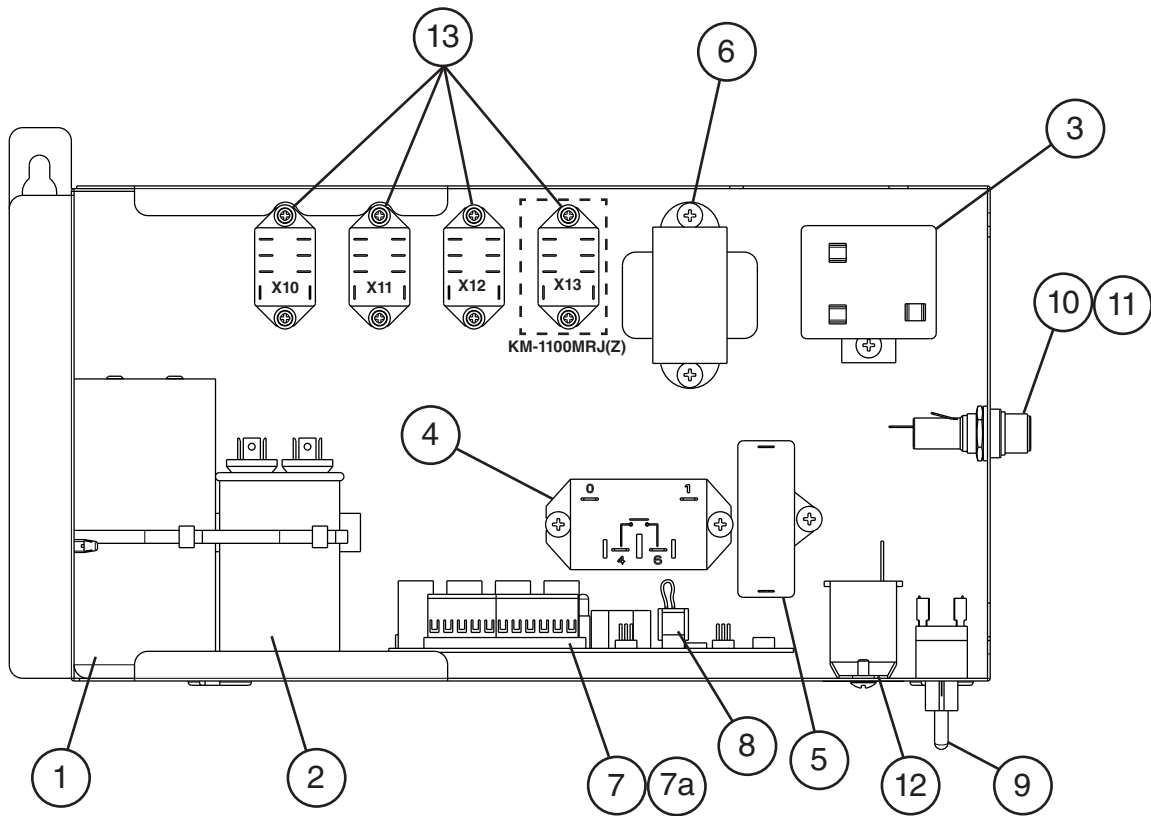
| Title: B. Water Circuit    Model: KM-1100M_J(Z) |                                                  |                          |             |                 |     |         |            |            |     |  |  |  |
|-------------------------------------------------|--------------------------------------------------|--------------------------|-------------|-----------------|-----|---------|------------|------------|-----|--|--|--|
| Index No.                                       | Description                                      | Material or Model Number | Part Number | Required Number |     |         |            |            |     |  |  |  |
|                                                 |                                                  |                          |             | G-0 to L-0      | L-1 | L-2 L-4 | M-0 to P-2 | P-3 to Q-0 | Q-1 |  |  |  |
| 1                                               | Pump Motor Assembly (includes items 2 through 9) | S-0731                   | 215693A01   | 1               | 1   | 1       | 1          | -          |     |  |  |  |
|                                                 |                                                  |                          | 2B0399A01   |                 |     |         |            | 1          | 1   |  |  |  |
| 2                                               | Pump Motor                                       |                          | 3A7682-01   | 1               | 1   | -       |            |            |     |  |  |  |
|                                                 |                                                  |                          | 2U0106-01   |                 |     | 1       | 1          | 1          | 1   |  |  |  |
| 3                                               | Pump Flange                                      |                          | 215662-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 3a                                              | Hex Bolt                                         | 4x30                     | 7B02-0430   | 4               | 4   | 4       | 4          | 4          | 4   |  |  |  |
| 3b                                              | Hex Nut                                          |                          | 7N12-0600   | 4               | 4   | 4       | 4          | 4          | 4   |  |  |  |
| 3c                                              | Split Lock Washer                                |                          | 7L22-0600   | 4               | 4   | 4       | 4          | 4          | 4   |  |  |  |
| 3d                                              | Flat Washer                                      |                          | 7W22-0600   | 4               | 4   | 4       | 4          | 4          | 4   |  |  |  |
| 3e                                              | Tooth Washer                                     |                          | 7R22-0600   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 4                                               | Mechanical Seal                                  |                          | 4A3820-03   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 5                                               | Impeller                                         |                          | 428548-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 6                                               | Pin                                              |                          | 4A0648-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 7                                               | Packing                                          |                          | 428547-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 8                                               | Pump Housing                                     |                          | 212636-01   | 1               | 1   | 1       | 1          | -          |     |  |  |  |
|                                                 |                                                  |                          | 2A2762-01   |                 |     |         |            | 1          | 1   |  |  |  |
| 8a                                              | Hex Bolt                                         | 6x40                     | 7B02-0640   | 4               | 4   | 4       | 4          | 4          | 4   |  |  |  |
| 8b                                              | Hex Flange Nut                                   |                          | 7J02-0400   | 4               | 4   | 4       | 4          | 4          | 4   |  |  |  |
| 9                                               | Pump Motor Bracket                               |                          | 435057-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 10                                              | Water Supply Pipe                                |                          | 4A5216G04   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 11                                              | Rubber Gasket                                    |                          | 4A7594-01   | 1               | 1   | 1       | -          |            |     |  |  |  |
|                                                 |                                                  |                          | 413854-03   |                 |     |         | 1          | 1          | 1   |  |  |  |
| 12                                              | Inlet Water Valve                                | KM-1100MAJ<br>KM-1100MWJ | 3U0111-01   | 1               | 1   | 1       | 1          | -          |     |  |  |  |
|                                                 |                                                  |                          | 3B1433-01   |                 |     |         |            | 1          | -   |  |  |  |
|                                                 |                                                  |                          | 3U0111-01   |                 |     |         |            |            | 1   |  |  |  |
|                                                 |                                                  | KM-1100MRJ               | 3B1433-02   | 1               | 1   | 1       |            |            |     |  |  |  |
|                                                 |                                                  | KM-1100MRJZ              | 4A6722-07   |                 |     |         | 1          | -          |     |  |  |  |
|                                                 |                                                  |                          | 3B1433-07   |                 |     |         |            | 1          | 1   |  |  |  |
| 13                                              | Left Spray Tube                                  |                          | 1A0260-02   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 14                                              | Right Spray Tube                                 |                          | 1A0260-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 15                                              | Spray Guide                                      |                          | 2A4282-02   | 4               | 4   | 4       | 4          | 4          | 4   |  |  |  |
| 16                                              | Right Water Supply Tube                          |                          | 2A0079-02   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 17                                              | Left Water Supply Tube                           |                          | 2A0079-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 18                                              | Distributor A (Tee)                              |                          | 4A0177-01   | 1               | 1   | 1       | -          |            |     |  |  |  |
|                                                 |                                                  |                          | 3A9429-01   |                 |     |         | 1          | 1          | 1   |  |  |  |
| 19                                              | Flange                                           | KM-1100MAJ<br>KM-1100MWJ | 439267-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 20                                              | Plug                                             |                          | 4A0176-01   | 4               | 4   | 4       | 4          | 4          | 4   |  |  |  |
| 21                                              | Cube Guide A                                     |                          | 214905-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 22                                              | Cube Guide B                                     |                          | 322644-02   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 22a                                             | Thumbscrew                                       |                          | 415949G12   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 22b                                             | Collar                                           |                          | 435269-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 22c                                             | Screw                                            | 4x6                      | 7C22-0412   | 2               | 2   | 2       | 2          | 2          | 2   |  |  |  |
| 23                                              | Plate                                            |                          | 3B0973-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 23a                                             | T2 Screw                                         | 4x10                     | 7P32-0410   | 4               | 4   | 4       | 4          | 4          | 4   |  |  |  |
| 24                                              | Float Switch Assembly                            |                          | 4A7077G02   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 25                                              | Float Switch Connector                           |                          | 426799-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |

| Title: B. Water Circuit    Model: KM-1100M_J(Z) |                                                 |                          |             |                 |     |         |            |            |     |  |  |  |
|-------------------------------------------------|-------------------------------------------------|--------------------------|-------------|-----------------|-----|---------|------------|------------|-----|--|--|--|
| Index No.                                       | Description                                     | Material or Model Number | Part Number | Required Number |     |         |            |            |     |  |  |  |
|                                                 |                                                 |                          |             | G-0 to L-0      | L-1 | L-2 L-4 | M-0 to P-2 | P-3 to Q-0 | Q-1 |  |  |  |
| 26                                              | Silicone Hose                                   | L=135 mm (each)          | 773013812   | 3               | 3   | 3       | 3          | 3          | 3   |  |  |  |
| 27                                              | Drain Valve Housing                             |                          | 3A1170-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 28                                              | Valve Seat                                      |                          | 433705-01   | 1               | 1   | 1       | 1          | -          |     |  |  |  |
| 29                                              | Spring                                          |                          | 322685-01   | 1               | 1   | 1       | 1          | -          |     |  |  |  |
| 30                                              | O-Ring                                          |                          | 7611-G035   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 31                                              | Overflow Cap                                    |                          | 322816-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 32                                              | Overflow Pipe                                   |                          | 322691-02   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 33                                              | O-Ring                                          |                          | 4A1234-01   | 1               | 1   | 1       | 1          | -          |     |  |  |  |
|                                                 |                                                 |                          | 7611-G035   |                 |     |         |            | 1          | 1   |  |  |  |
| 34                                              | Cleaning Valve Handle                           |                          | 215383-01   | 1               | 1   | 1       | 1          | -          |     |  |  |  |
| 35                                              | Cleaning Valve Microswitch                      |                          | 4A2546-01   | 1               | 1   | 1       | 1          | -          |     |  |  |  |
| 36                                              | Cleaning Valve Ball Valve                       |                          | 439293-01   | 1               | 1   | 1       | 1          | -          |     |  |  |  |
| 37                                              | Cleaning Valve Male Adaptor                     |                          | 325826-01   | 2               | 2   | 2       | 2          | -          |     |  |  |  |
| 38                                              | Drain Hose                                      |                          | 435092-01   | 1               | 1   | 1       | 1          | -          |     |  |  |  |
|                                                 |                                                 |                          | 3B1457-01   |                 |     |         |            | 1          | 1   |  |  |  |
| 39                                              | Inlet Hose A                                    |                          | 435091-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 40                                              | Distributor B (Tee)                             |                          | 432426-01   | 2               | 2   | 2       | 2          | 2          | 2   |  |  |  |
| 41                                              | Rubber Ring                                     |                          | 439236-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 42                                              | Bypass Hose                                     |                          | 439265-01   | 1               | 1   | 1       | 1          | -          |     |  |  |  |
|                                                 | 3-Piece Bypass Hose Assembly (includes item 43) |                          | 3B1376G01   |                 |     |         |            | 1          | 1   |  |  |  |
| 43                                              | Joint Pipe                                      |                          | 4A6286-01   |                 |     |         |            | 1          | 1   |  |  |  |
| 44                                              | Connector                                       |                          | 432763-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 45                                              | Spring                                          |                          | 435825-01   |                 |     |         |            | 1          | 1   |  |  |  |
| 46                                              | Distributor Hose (C)                            |                          | 326655-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 47                                              | Vinyl Hose                                      | L=470 mm                 | 7716B2025   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 48                                              | Vinyl Hose                                      | L=170 mm                 | 7716B2025   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 49                                              | Vinyl Hose                                      | L=63 mm                  | 7716B2025   | 2               | 2   | 2       | 2          | 2          | 2   |  |  |  |
| 50                                              | Vinyl Hose                                      | L=140 mm                 | 7730-1519   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 51                                              | Splash Guard                                    |                          | 4A6118-01   | 1               | 1   | 1       | 1          | 1          | 1   |  |  |  |
| 52                                              | Drain Hose B                                    |                          | 3B1462-01   |                 |     |         |            | 1          | 1   |  |  |  |
| 53                                              | Drain Valve                                     |                          | 4A5745-07   |                 |     |         |            | 1          | 1   |  |  |  |
| 54                                              | Cleaning Valve                                  |                          | 4A5745-06   |                 |     |         |            | 1          | 1   |  |  |  |
| 55                                              | Drain Valve Terminal Cover                      |                          | 3B1856-01   |                 |     |         |            | 1          | 1   |  |  |  |
| Hose Clamps                                     |                                                 |                          |             |                 |     |         |            |            |     |  |  |  |
| 56                                              | Hose Clamp                                      | 25 mm                    | 427443-03   | 11              | 11  | 11      | 11         | 9          | 9   |  |  |  |
| 57                                              | Hose Clamp                                      | 18 mm                    | 427443-05   | 3               | 3   | 3       | 3          | 6          | 6   |  |  |  |
| 58                                              | Hose Clamp                                      | 27 mm                    | 427443-08   | 2               | 2   | 2       | 2          |            |     |  |  |  |

**C. Control Box Assembly**  
**KM-1100M\_J(Z)**

1/2

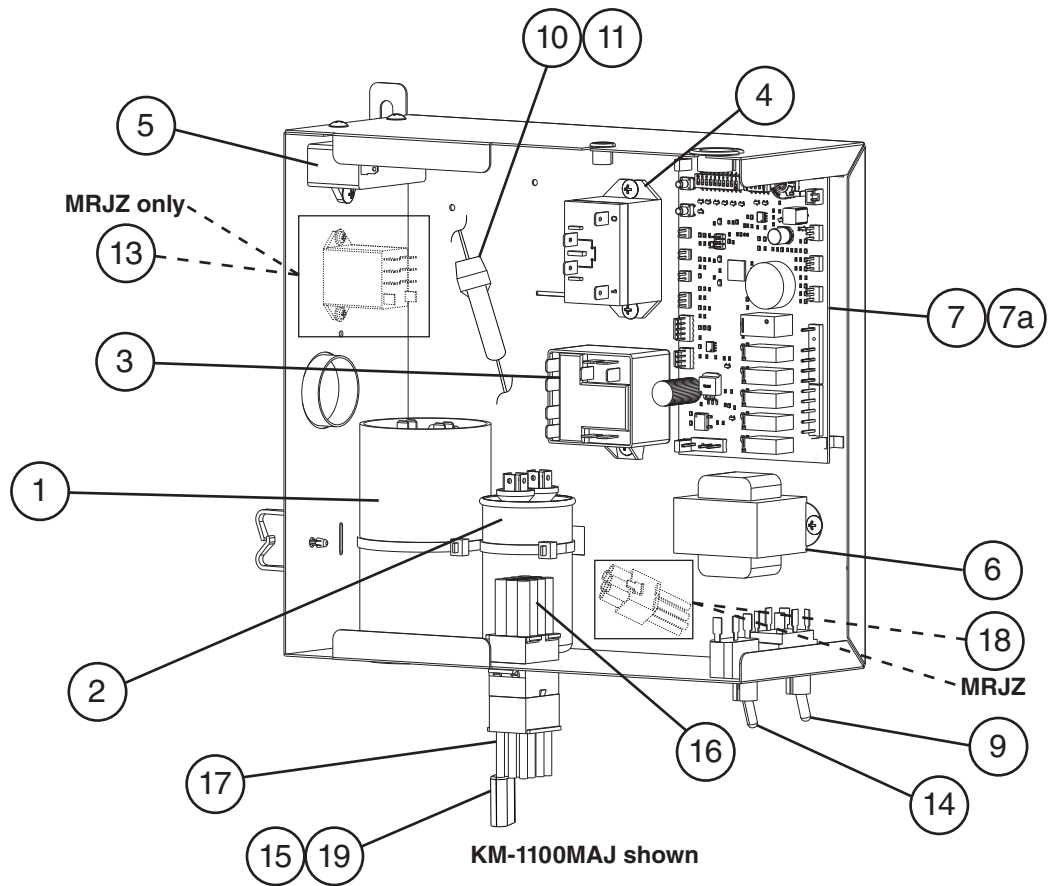
G-0 to P-2



## C. Control Box Assembly KM-1100M\_J(Z)

2/2

P-3 to Q-1

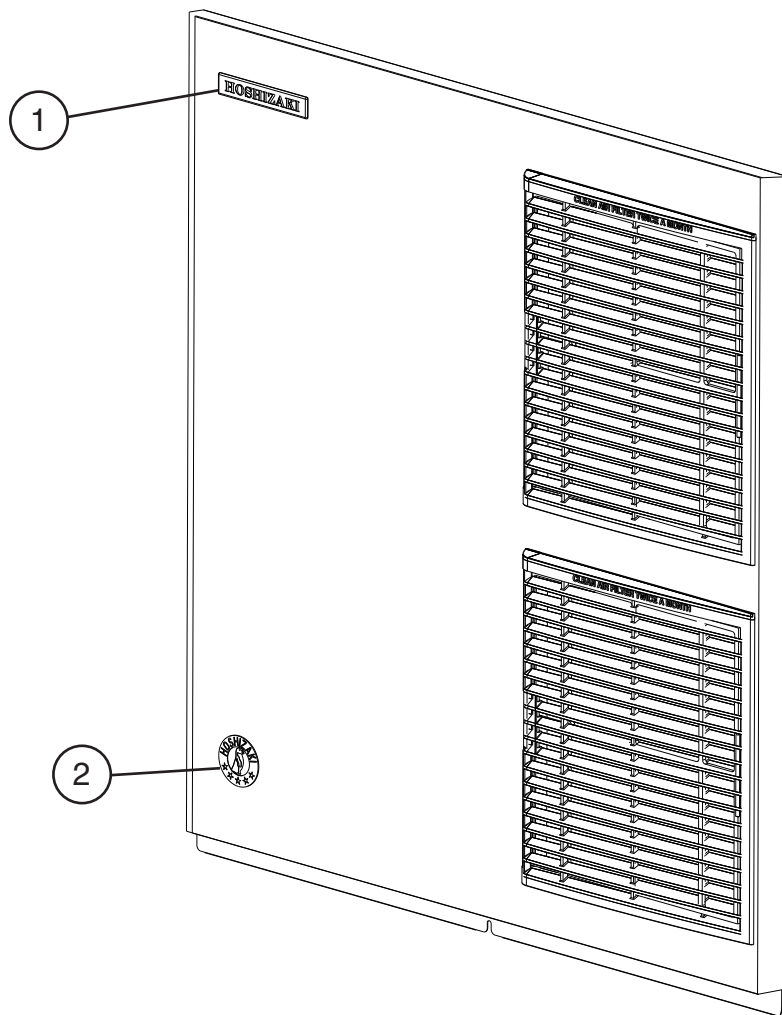


| Title: C. Control Box Assembly    Model: KM-1100M_J(Z) |                                                                                         |                           |             |                 |            |         |                |                |  |  |  |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------|-------------|-----------------|------------|---------|----------------|----------------|--|--|--|
| Index No.                                              | Description                                                                             | Material or Model Number  | Part Number | Required Number |            |         |                |                |  |  |  |
|                                                        |                                                                                         |                           |             | G-0 to L-1      | L-2 to L-4 | L-0 (K) | L-1 (M) to P-2 | P-4 (K) to Q-1 |  |  |  |
| 1                                                      | Start Capacitor                                                                         | 145-174MFD, 220VAC        | 3A0076-11   | 1               | 1          | 1       | 1              | 1              |  |  |  |
| 2                                                      | Run Capacitor                                                                           | 30MFD, 370VAC             | 3A2005-03   | 1               | 1          | 1       | 1              | 1              |  |  |  |
| 3                                                      | Start Relay                                                                             |                           | 4A1107-09   | 1               | 1          | 1       | 1              | 1              |  |  |  |
|                                                        |                                                                                         |                           | 4A1107-13   | 1               | 1          | 1       | 1              | 1              |  |  |  |
| 4                                                      | Compressor Relay                                                                        |                           | 4A3140-01   | 1               | 1          | 1       | 1              | 1              |  |  |  |
| 5                                                      | Pump Motor Capacitor                                                                    | 10MFD, 250VAC             | 443192-01   | 1               | 1          | 1       | 1              | -              |  |  |  |
|                                                        |                                                                                         | 15MFD, 240VAC             | 439705-01   |                 |            |         |                | 1              |  |  |  |
| 6                                                      | Control Transformer                                                                     |                           | 3A0172-01   | 1               | 1          | 1       | 1              | 1              |  |  |  |
| 7                                                      | Control Board                                                                           |                           | 2A7664-04   | 1               | 1          | 1       | 1              | -              |  |  |  |
|                                                        |                                                                                         |                           | 2A9678-02   |                 |            |         |                | 1              |  |  |  |
| 7a                                                     | Control Board Support                                                                   |                           | 4A0336-03   | 4               | 4          | 4       | 4              | 4              |  |  |  |
| 8                                                      | K4 Jumper                                                                               |                           | 4A4883G01   | 1               | 1          | 1       | 1              | -              |  |  |  |
| 9                                                      | Control Switch                                                                          |                           | 443119-01   | 1               | 1          | 1       | 1              | -              |  |  |  |
|                                                        | Mode Switch                                                                             |                           | 4A6232-01   |                 |            |         |                | 1              |  |  |  |
| 10                                                     | Fuse Holder                                                                             | KM-1100MAJ                | 4A5443-01   | 1               | 1          | 1       | -              |                |  |  |  |
|                                                        |                                                                                         | KM-1100MWJ<br>KM-1100MRJ  |             | 1               | 1          | -       |                |                |  |  |  |
|                                                        | In-Line Fuse Holder (not shown)                                                         | KM-1100MAJ                | 4A6950-01   |                 |            |         | 1              | 1              |  |  |  |
|                                                        |                                                                                         | KM-1100MWJ<br>KM-1100MRJZ |             |                 |            | 1       | 1              | 1              |  |  |  |
| 11                                                     | Fuse                                                                                    | AGC-10, 250VAC, 10A       | 4A0893-07   | 1               | 1          | 1       | 1              | 1              |  |  |  |
| 12                                                     | Bin Control Thermostat                                                                  |                           | 4A2879-02   | 1               | 1          | -       |                |                |  |  |  |
| 13                                                     | Relay<br>X10 - Pump Motor Relay<br>X11 - X10 Control Relay<br>X12 - Slush Control Relay | All Models                | 406132-07   | 3               | 3          | 3       | 3              | -              |  |  |  |
|                                                        | X13 - Crankcase Heater Relay                                                            | KM-1100MRJ(Z)             |             | 1               | 1          | 1       | 1              | -              |  |  |  |
|                                                        | X10 - Crankcase Heater Relay                                                            |                           |             |                 |            |         |                | 1              |  |  |  |
|                                                        |                                                                                         |                           |             |                 |            |         |                |                |  |  |  |
| 14                                                     | Control Switch                                                                          |                           | 4A0985-01   |                 |            |         |                | 1              |  |  |  |
| 15                                                     | Noise Killer (capacitor)                                                                | KM-1100MAJ                | 4A7911G01   |                 |            |         |                | 1              |  |  |  |
| 16                                                     | Wire Harness A (includes items 10 and 11)                                               | KM-1100M_J(Z)             | 1A7314-01   |                 |            |         |                | 1              |  |  |  |
| 17                                                     | Wire Harness B                                                                          | KM-1100M_J(Z)             | 1A7316-01   |                 |            |         |                | 1              |  |  |  |
| 18                                                     | Wire Harness C                                                                          | KM-1100MRJ(Z)             | 1A5697-01   |                 |            |         |                | 1              |  |  |  |
| 19                                                     | Compressor Harness (not shown)                                                          |                           | 1A4899-01   |                 |            |         |                | 1              |  |  |  |
|                                                        |                                                                                         | KM-1100MWJ                | 1A4899-02   |                 |            |         |                | 1              |  |  |  |

## D. Accessories & Labels

### KM-1100M\_J(Z)

G-0 to Q-1



| Title: D. Accessories & Labels    Model: KM-1100M_J(Z) |                        |                          |                           |                 |  |  |  |  |  |  |  |
|--------------------------------------------------------|------------------------|--------------------------|---------------------------|-----------------|--|--|--|--|--|--|--|
| Index No.                                              | Description            | Material or Model Number | Part Number               | Required Number |  |  |  |  |  |  |  |
|                                                        |                        |                          |                           | G-0 to Q-1      |  |  |  |  |  |  |  |
| 1                                                      | Hoshizaki Emblem Label |                          | <a href="#">4A0560-01</a> | 1               |  |  |  |  |  |  |  |
| 2                                                      | Penguin Label          |                          | <a href="#">475552L02</a> | 1               |  |  |  |  |  |  |  |
| 3                                                      | Universal Brace        |                          | <a href="#">4A0363-01</a> | 2               |  |  |  |  |  |  |  |
| 3a                                                     | Hex Head Bolt          |                          | <a href="#">7B02-0512</a> | 2               |  |  |  |  |  |  |  |