



# HOSHIZAKI

## Parts List

Self-Contained Crescent Cuber

Models

KM-81BAJ

KM-116BAJ

KM-161BAJ, BWJ



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## Auxiliary Codes

### KM-81BAJ

J-0 April 2019  
K-0 January 2020  
K-1 March 2020  
K-2 May 2020  
K-3 August 2020  
L-0 January 2021  
L-1 August 2021  
M-0 April 2022  
M-1 May 2022  
N-0 April 2023  
P-0 January 2024  
P-1 March 2024

### KM-116BAJ

J-0 April 2019  
K-0 January 2020  
K-1 June 2020  
L-0 January 2021  
L-1 August 2021  
M-0 April 2022  
N-0 April 2023  
P-0 January 2024  
P-1 March 2024  
P-2 July 2024

### KM-161BAJ

J-0 April 2019  
K-0 January 2020  
K-1 March 2020  
K-2 May 2020  
K-3 August 2020  
L-0 January 2021  
L-1 August 2021  
L-3 December 2021  
M-0 January 2022  
M-1 March 2022  
N-0 March 2023  
P-0 January 2024  
P-2 July 2024

### KM-161BWJ

J-0 April 2019  
K-0 February 2020  
K-2 November 2020  
K-3 December 2020  
L-0 January 2021  
L-1 August 2021  
M-1 August 2022  
N-0 April 2023

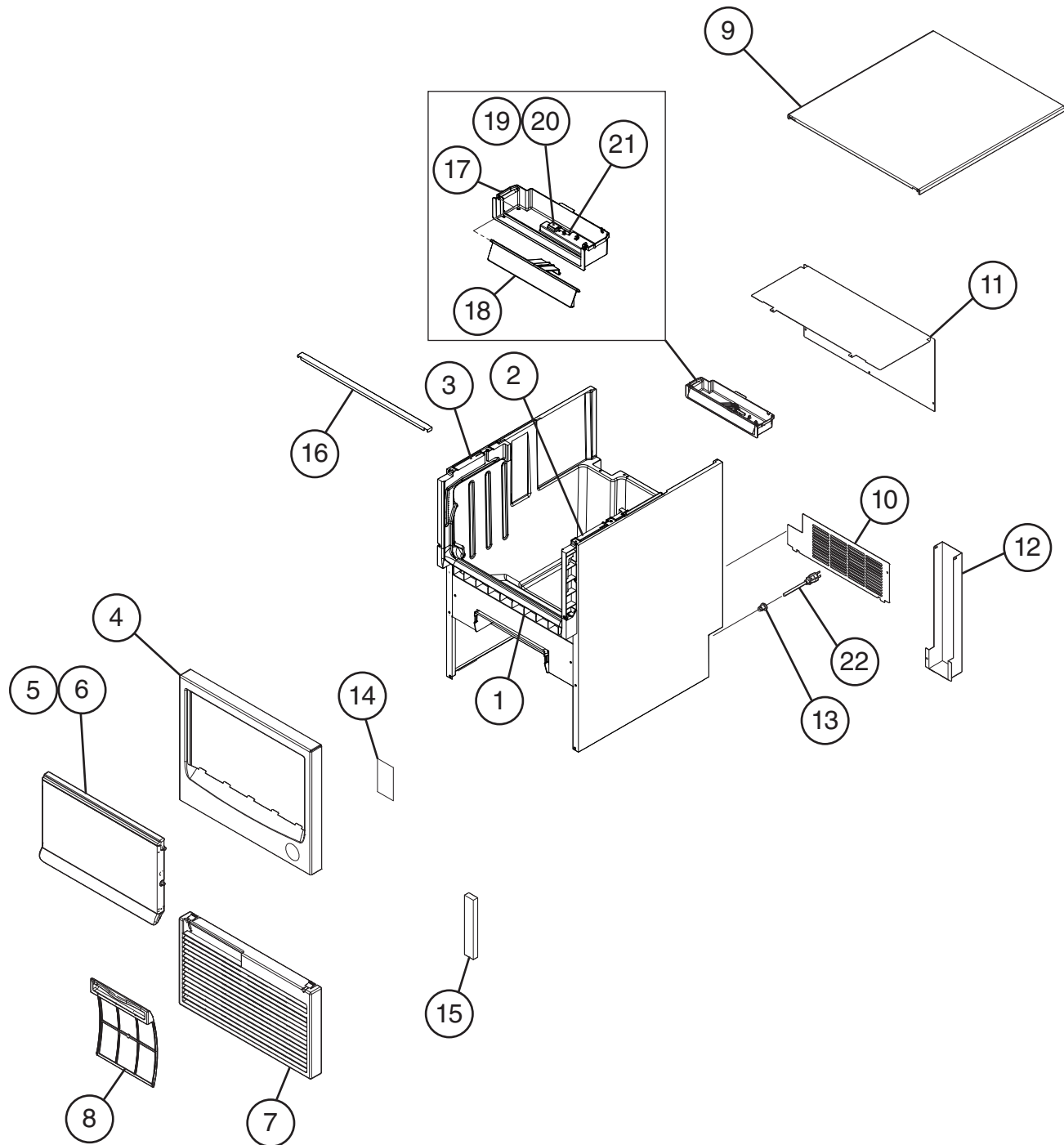
## Auxiliary Code Breakdown

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**  
**KM-81BAJ, KM-116BAJ, KM-161BJ**  
J-0 to P-2



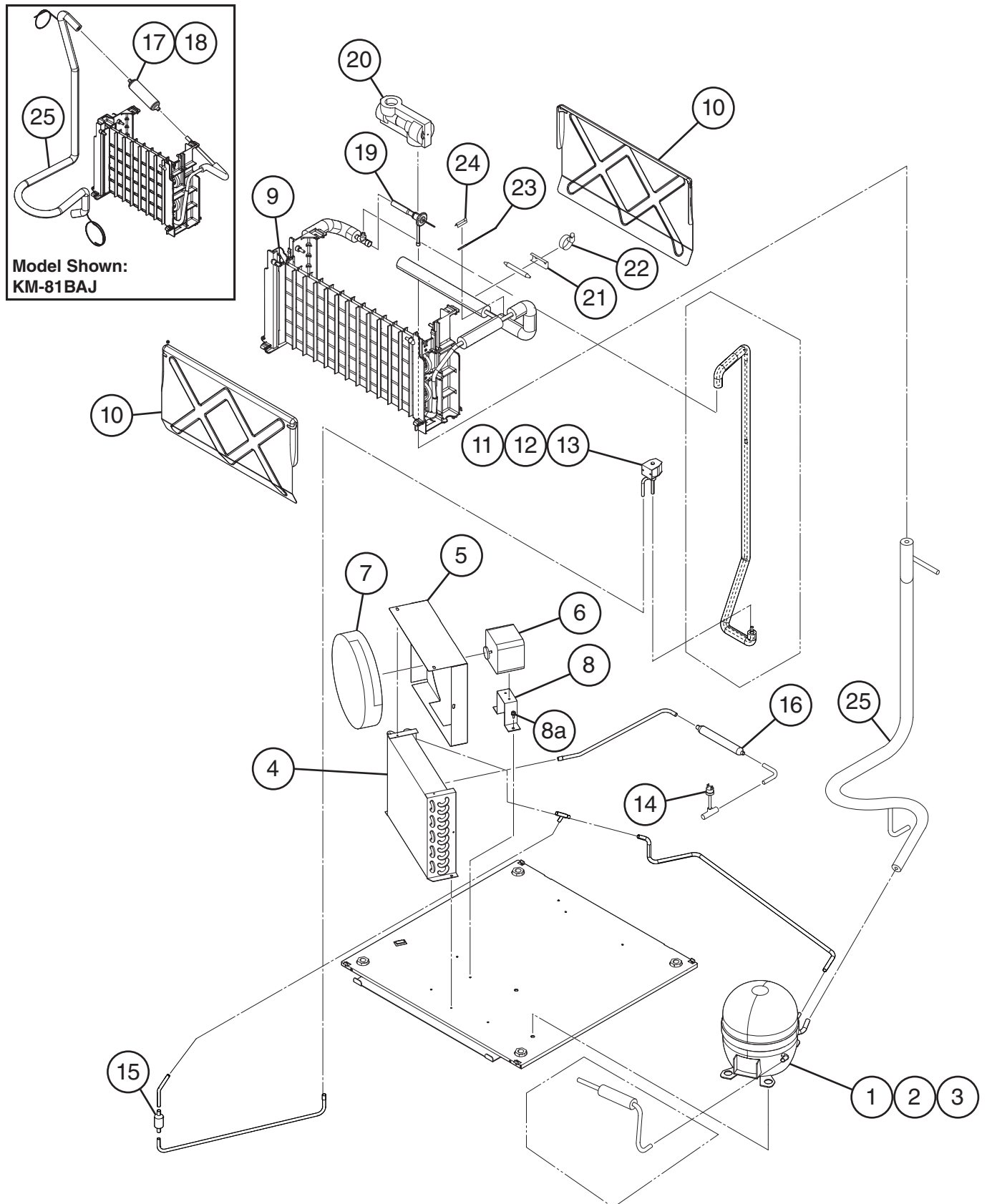
| Title: A. Main Assembly    Model: KM-81BAJ, KM-116BAJ, KM-161BAJ |                                           |                          |             |                 |            |            |                |         |  |  |  |  |
|------------------------------------------------------------------|-------------------------------------------|--------------------------|-------------|-----------------|------------|------------|----------------|---------|--|--|--|--|
| Index No.                                                        | Description                               | Material or Model Number | Part Number | Required Number |            |            |                |         |  |  |  |  |
|                                                                  |                                           |                          |             | J-0 to K-1      | K-2 to L-0 | L-1 to N-0 | P-0 to P-2 (G) | P-2 (H) |  |  |  |  |
| Main Assembly                                                    |                                           |                          |             |                 |            |            |                |         |  |  |  |  |
| 1                                                                | Front Frame                               | KM-81BAJ                 | 250744-01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-116BAJ, KM-161B_J     | 250745-01   | 1               | 1          | 1          | 1              | -       |  |  |  |  |
|                                                                  |                                           |                          | 2A9647-01   |                 |            |            |                | 1       |  |  |  |  |
| 2                                                                | Right Rail                                |                          | 124932P01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 3                                                                | Left Rail                                 |                          | 124933P01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 4                                                                | Front Panel                               | KM-81BAJ                 | 2A9163G01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-116BAJ, KM-161B_J     | 2A9130G01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 5                                                                | Door<br>(replace with 4 pieces of item 6) | KM-81BAJ                 | 374533G02   | 1               | -          |            |                |         |  |  |  |  |
|                                                                  |                                           |                          | 1A5921G01   |                 | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-116BAJ, KM-161B_J     | 1A5920G01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 6                                                                | Collar                                    |                          | 481481P02   | 4               | 4          | 4          | 4              | 4       |  |  |  |  |
| 7                                                                | Louver                                    | KM-81BAJ                 | 117636-01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-116BAJ, KM-161B_J     | 117635-01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 8                                                                | Air Filter                                | KM-81BAJ                 | 250728G01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-116BAJ, KM-161B_J     | 250727G01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 9                                                                | Top Panel Assembly                        | KM-81BAJ                 | 2A9131A08   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-116BAJ                | 2A9131A07   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-161B_J                | 2A9131A09   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 10                                                               | Rear Louver Cover                         | KM-81BAJ                 | 368311-01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-116BAJ                | 368312-01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-161BAJ                | 368313-01   | 1               | 1          | 1          | 1              | -       |  |  |  |  |
|                                                                  |                                           |                          | 3B2024-01   |                 |            |            |                | 1       |  |  |  |  |
|                                                                  |                                           | KM-161BWJ                | 371349M01   | 1               | 1          | 1          | 1              | -       |  |  |  |  |
|                                                                  |                                           |                          | 3B2024-01   |                 |            |            |                | 1       |  |  |  |  |
| 11                                                               | Rear Panel                                | KM-81BAJ                 | 370654M02   | 1               | 1          | -          |                |         |  |  |  |  |
|                                                                  |                                           |                          | 3B1050-02   |                 |            | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-116BAJ                | 370654M01   | 1               | 1          | -          |                |         |  |  |  |  |
|                                                                  |                                           |                          | 3B1050-01   |                 |            | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-161B_J                | 370654M03   | 1               | 1          | -          |                |         |  |  |  |  |
|                                                                  |                                           |                          | 3B1050-03   |                 |            | 1          | 1              | 1       |  |  |  |  |
| 12                                                               | Pipe Cover                                | KM-81BAJ, KM-116BAJ      | 368305-01   | 1               | 1          | -          |                |         |  |  |  |  |
|                                                                  |                                           |                          | 3B0945-01   |                 |            | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-161B_J                | 368305-02   | 1               | 1          | -          |                |         |  |  |  |  |
|                                                                  |                                           |                          | 3B0945-02   |                 |            | 1          | 1              | 1       |  |  |  |  |
| 13                                                               | Bushing                                   |                          | 420472-02   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 14                                                               | Overflow Seal                             | KM-81BAJ                 | 472471P01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-116BAJ, KM-161B_J     | 4Y4321P01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 15                                                               | Air Guard                                 | KM-81BAJ                 | 470302-01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-116BAJ, KM-161BAJ     | 470302-02   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                           | KM-161BWJ                | 371347M01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |

| Title: A. Main Assembly    Model: KM-81BAJ, KM-116BAJ, KM-161BAJ |                                     |                          |             |                 |            |            |                |         |  |  |  |  |
|------------------------------------------------------------------|-------------------------------------|--------------------------|-------------|-----------------|------------|------------|----------------|---------|--|--|--|--|
| Index No.                                                        | Description                         | Material or Model Number | Part Number | Required Number |            |            |                |         |  |  |  |  |
|                                                                  |                                     |                          |             | J-0 to K-1      | K-2 to L-0 | L-1 to N-0 | P-0 to P-2 (G) | P-2 (H) |  |  |  |  |
| 16                                                               | Rail Brace                          | KM-81BAJ                 | 482685M01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                     | KM-116BAJ, KM-161B_J     | 384405M01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 17                                                               | Mechanical Bin Control Housing      | KM-81BAJ                 | 4A6595G01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                     | KM-116BAJ, KM-161B_J     | 4A6594G01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 18                                                               | Mechanical Bin Control Actuator     | KM-81BAJ                 | 371150G01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
|                                                                  |                                     | KM-116BAJ, KM-161B_J     | 371152G01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 19                                                               | Mechanical Bin Control              |                          | P05693-01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 20                                                               | Mechanical Bin Control Switch Cover |                          | 470314-01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 21                                                               | Silicone Hose                       | L=680 mm                 | 7730I3656   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |
| 22                                                               | Power Supply Cord                   |                          | P00004-01   | 1               | 1          | 1          | 1              | 1       |  |  |  |  |

## B. Refrigeration Circuit

### KM-81BAJ, KM-116BAJ, KM-161BAJ

J-0 to P-2



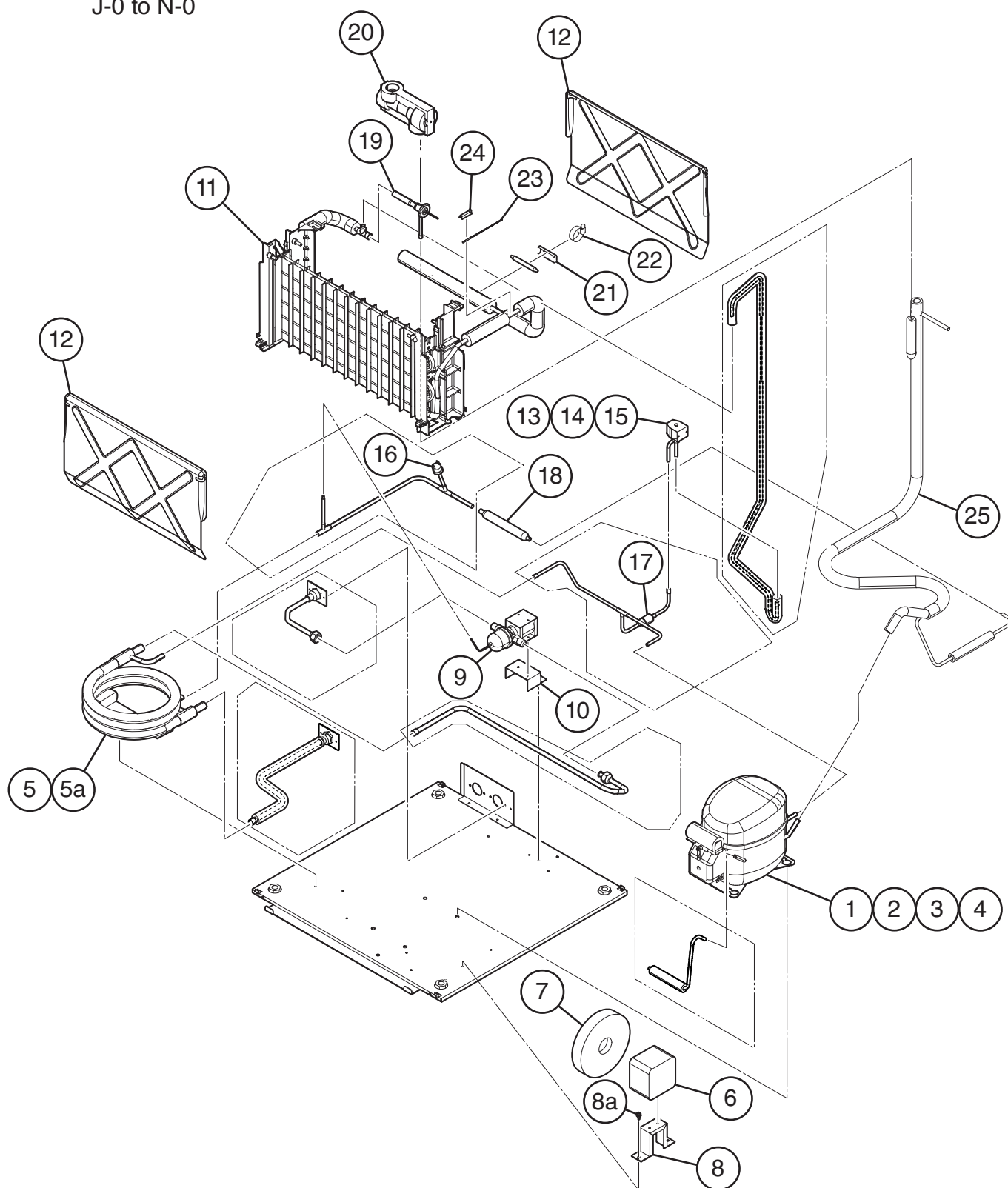
| Title: B. Refrigeration Circuit    Model: KM-81BAJ, KM-116BAJ, KM-161BAJ |                                     |                          |                        |            |                 |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------|-------------------------------------|--------------------------|------------------------|------------|-----------------|--|--|--|--|--|--|--|
| Index No.                                                                | Description                         | Material or Model Number | Part Number            | J-0 to P-2 | Required Number |  |  |  |  |  |  |  |
|                                                                          |                                     |                          |                        |            |                 |  |  |  |  |  |  |  |
| 1                                                                        | Compressor                          | KM-81BAJ                 | P00023-01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-116BAJ                | P00024-01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-161BAJ                | P00025-01              | 1          |                 |  |  |  |  |  |  |  |
| 2                                                                        | PTC Start Relay                     | KM-81BAJ                 | P00354-01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-116BAJ                | P00359-01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-161BAJ                | 438849-01              | 1          |                 |  |  |  |  |  |  |  |
| 3                                                                        | External Protector                  | KM-81BAJ                 | 456254-01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-116BAJ                | P00360-01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-161BAJ                | P00363-01              | 1          |                 |  |  |  |  |  |  |  |
| 4                                                                        | Condenser                           | KM-81BAJ                 | P00003-01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-116BAJ                | P00028-01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-161BAJ                | P00030-01              | 1          |                 |  |  |  |  |  |  |  |
| 5                                                                        | Shroud                              | KM-81BAJ                 | 368317-01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-116BAJ                | 368318-01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-161BAJ                | 3B0352-01              | 1          |                 |  |  |  |  |  |  |  |
| 6                                                                        | Fan Motor                           | KM-81BAJ                 | 384355G01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-116BAJ, KM-161BAJ     | 384356G01              | 1          |                 |  |  |  |  |  |  |  |
| 7                                                                        | Fan Blade                           |                          | P00006-01              | 1          |                 |  |  |  |  |  |  |  |
| 8                                                                        | Fan Motor Bracket                   |                          | 4A6952-01              | 1          |                 |  |  |  |  |  |  |  |
| 8a                                                                       | Bolt                                |                          | 436206-03              | 2          |                 |  |  |  |  |  |  |  |
| 9                                                                        | Evaporator                          | KM-81BAJ                 | 2A9161G01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-116BAJ                | 2A9148G01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-161BAJ                | 2A9133G01              | 1          |                 |  |  |  |  |  |  |  |
| 10                                                                       | Separator                           | KM-81BAJ                 | 250749-02              | 2          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-116BAJ                | 250749-01              | 2          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-161BAJ                | 250749-03              | 2          |                 |  |  |  |  |  |  |  |
| 11                                                                       | Hot Gas Valve                       |                          | 4A3275-01              | 1          |                 |  |  |  |  |  |  |  |
| 12                                                                       | Coil Valve                          |                          | 384347G01              | 1          |                 |  |  |  |  |  |  |  |
| 13                                                                       | Bolt                                |                          | 4A3277F01<br>4A3277-01 | 1          |                 |  |  |  |  |  |  |  |
| 14                                                                       | High-Pressure Switch                | KM-161BAJ                | 463180-02              | 1          |                 |  |  |  |  |  |  |  |
| 15                                                                       | Strainer                            | KM-81BAJ                 | 441569-03              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-116BAJ, KM-161BAJ     | 441569-04              | 1          |                 |  |  |  |  |  |  |  |
| 16                                                                       | Drier                               | KM-81BAJ, KM-116BAJ      | P00007-01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-161BAJ                | 458776-01              | 1          |                 |  |  |  |  |  |  |  |
| 17                                                                       | Accumulator                         | KM-81BAJ                 | P00010-01              | 1          |                 |  |  |  |  |  |  |  |
|                                                                          |                                     | KM-116BAJ                | P00010-02              | 1          |                 |  |  |  |  |  |  |  |
| 18                                                                       | Accumulator Cover                   | KM-81BAJ, KM-116BAJ      | 7762-3555              | 1          |                 |  |  |  |  |  |  |  |
| 19                                                                       | Thermostatic Expansion Valve        | KM-161BAJ                | P00318-01              | 1          |                 |  |  |  |  |  |  |  |
| 20                                                                       | Thermostatic Expansion Valve Cover  | KM-161BAJ                | 369332Z01              | 1          |                 |  |  |  |  |  |  |  |
| 21                                                                       | Thermostatic Expansion Valve Holder | KM-161BAJ                | 451267-01              | 1          |                 |  |  |  |  |  |  |  |
| 22                                                                       | Clamp                               | KM-161BAJ                | 443461-01              | 1          |                 |  |  |  |  |  |  |  |

| Title: B. Refrigeration Circuit    Model: KM-81BAJ, KM-116BAJ, KM-161BAJ |                   |                          |             |                 |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------|-------------------|--------------------------|-------------|-----------------|--|--|--|--|--|--|--|--|
| Index No.                                                                | Description       | Material or Model Number | Part Number | Required Number |  |  |  |  |  |  |  |  |
|                                                                          |                   |                          |             | J-0 to P-2      |  |  |  |  |  |  |  |  |
| 23                                                                       | Thermistor        |                          | P00027-01   | 1               |  |  |  |  |  |  |  |  |
| 24                                                                       | Thermistor Holder |                          | 436455-01   | 1               |  |  |  |  |  |  |  |  |
| 25                                                                       | Heat Exchanger    | KM-81BAJ                 | 2A9160G01   | 1               |  |  |  |  |  |  |  |  |
|                                                                          |                   | KM-116BAJ                | 2A9149G01   | 1               |  |  |  |  |  |  |  |  |
|                                                                          |                   | KM-161BAJ                | 2A9134G01   | 1               |  |  |  |  |  |  |  |  |

## B. Refrigeration Circuit

### KM-161BWJ

J-0 to N-0

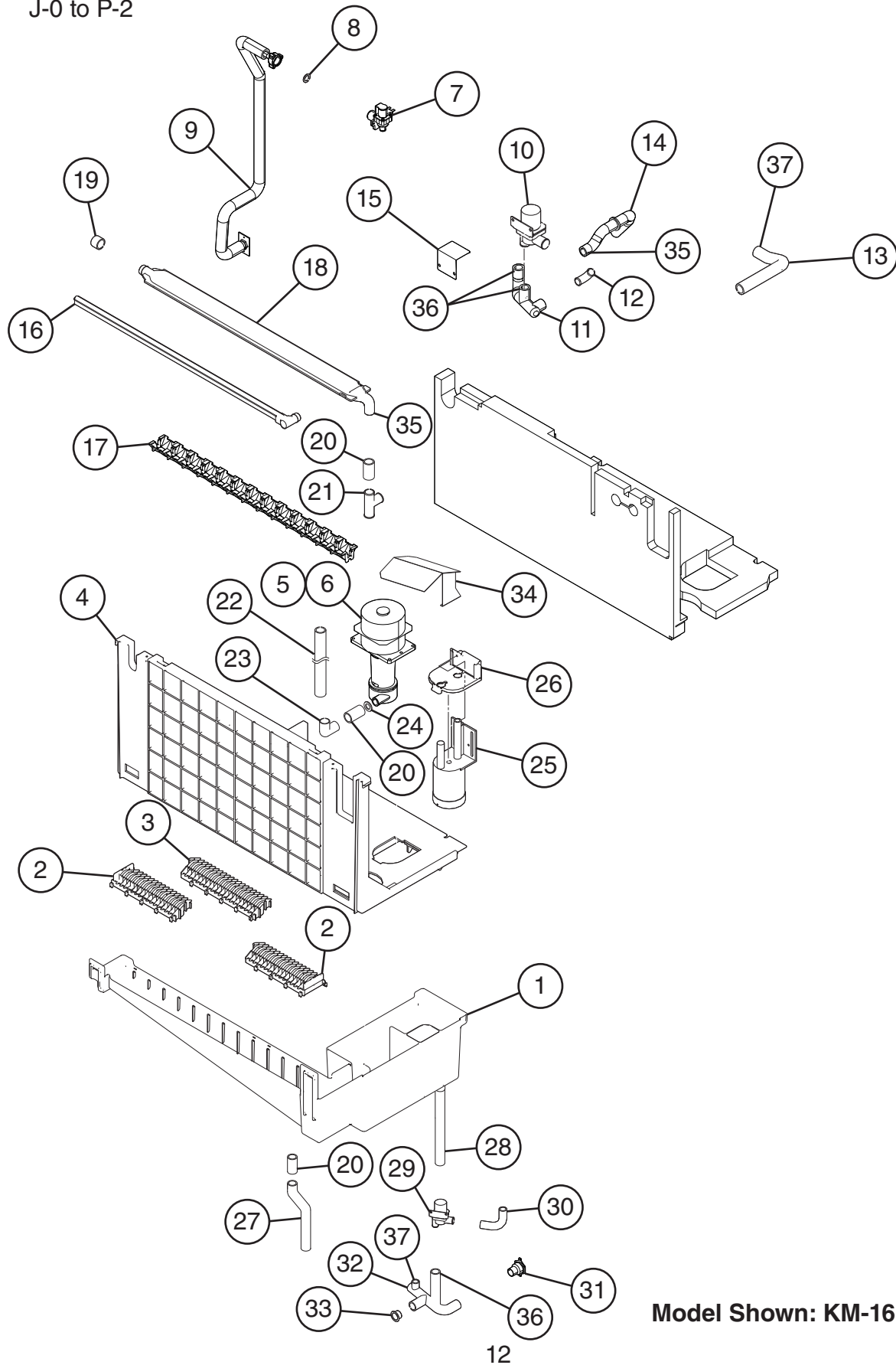


| Title: B. Refrigeration Circuit    Model: KM-161BWJ |                                     |                          |                        |                 |  |  |  |  |  |  |  |  |
|-----------------------------------------------------|-------------------------------------|--------------------------|------------------------|-----------------|--|--|--|--|--|--|--|--|
| Index No.                                           | Description                         | Material or Model Number | Part Number            | Required Number |  |  |  |  |  |  |  |  |
|                                                     |                                     |                          |                        | J-0 to N-0      |  |  |  |  |  |  |  |  |
| 1                                                   | Compressor                          |                          | P04286-01              | 1               |  |  |  |  |  |  |  |  |
| 2                                                   | PTC Start Relay                     |                          | P04291-01              | 1               |  |  |  |  |  |  |  |  |
| 3                                                   | Start Capacitor                     | 189-227MFD, 165VAC       | P04288-01              | 1               |  |  |  |  |  |  |  |  |
| 4                                                   | External Protector                  |                          | P04290-01              | 1               |  |  |  |  |  |  |  |  |
| 5                                                   | Condenser                           |                          | P01539-01              | 1               |  |  |  |  |  |  |  |  |
| 5a                                                  | Flange Bolt                         |                          | 7B0230516              | 4               |  |  |  |  |  |  |  |  |
| 6                                                   | Fan Motor                           |                          | 384355G01              | 1               |  |  |  |  |  |  |  |  |
| 7                                                   | Fan Blade                           |                          | P01056-01              | 1               |  |  |  |  |  |  |  |  |
| 8                                                   | Fan Motor Bracket                   |                          | 4A6952-01              | 1               |  |  |  |  |  |  |  |  |
| 8a                                                  | Bolt                                |                          | 436206-03              | 2               |  |  |  |  |  |  |  |  |
| 9                                                   | Water Regulating Valve              |                          | P04020-01              | 1               |  |  |  |  |  |  |  |  |
| 10                                                  | Water Regulating Valve Bracket      |                          | 371348M01              | 1               |  |  |  |  |  |  |  |  |
| 11                                                  | Evaporator                          |                          | 2A9133G01              | 1               |  |  |  |  |  |  |  |  |
| 12                                                  | Separator                           |                          | 250749-03              | 2               |  |  |  |  |  |  |  |  |
| 13                                                  | Hot Gas Valve                       |                          | 4A3275-01              | 1               |  |  |  |  |  |  |  |  |
| 14                                                  | Coil Valve                          |                          | 384352G01<br>384347G01 | 1               |  |  |  |  |  |  |  |  |
| 15                                                  | Coil Valve Bolt                     |                          | 4A3277F01<br>4A3277-01 | 1               |  |  |  |  |  |  |  |  |
| 16                                                  | High-Pressure Switch                |                          | 463180-02              | 1               |  |  |  |  |  |  |  |  |
| 17                                                  | Strainer                            |                          | 441569-04              | 1               |  |  |  |  |  |  |  |  |
| 18                                                  | Drier                               |                          | 458776-01              | 1               |  |  |  |  |  |  |  |  |
| 19                                                  | Thermostatic Expansion Valve        |                          | P00318-01              | 1               |  |  |  |  |  |  |  |  |
| 20                                                  | Thermostatic Expansion Valve Cover  |                          | 369332Z01              | 1               |  |  |  |  |  |  |  |  |
| 21                                                  | Thermostatic Expansion Valve Holder |                          | 451267-01              | 1               |  |  |  |  |  |  |  |  |
| 22                                                  | Clamp                               |                          | 443461-01              | 1               |  |  |  |  |  |  |  |  |
| 23                                                  | Thermistor                          |                          | P00027-01              | 1               |  |  |  |  |  |  |  |  |
| 24                                                  | Thermistor Holder                   |                          | 436455-01              | 1               |  |  |  |  |  |  |  |  |
| 25                                                  | Heat Exchanger                      |                          | 2A9140G01              | 1               |  |  |  |  |  |  |  |  |

## C. Water Circuit

### KM-81BAJ, KM-116BAJ, KM-161B\_J

J-0 to P-2



Model Shown: KM-161BAJ

| Title: C. Water Circuit    Model: KM-81BAJ, KM-116BAJ, KM-161B_J |                       |                          |                           |                 |            |         |                |         |  |  |  |  |
|------------------------------------------------------------------|-----------------------|--------------------------|---------------------------|-----------------|------------|---------|----------------|---------|--|--|--|--|
| Index No.                                                        | Description           | Material or Model Number | Part Number               | Required Number |            |         |                |         |  |  |  |  |
|                                                                  |                       |                          |                           | J-0 to K-2      | K-3 to L-0 | L-1 L-2 | L-3 to P-0 (C) | P-1 P-2 |  |  |  |  |
| 1                                                                | Water Tank            | KM-81BAJ                 | <a href="#">117637-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-116BAJ                | <a href="#">117638-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-161B_J                | <a href="#">117639-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 2                                                                | Cube Guide A          |                          | <a href="#">250742-01</a> | 2               | 2          | 2       | 2              | 2       |  |  |  |  |
| 3                                                                | Cube Guide B          | KM-116BAJ                | <a href="#">250741-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-161B_J                | <a href="#">250740-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 4                                                                | Ice Making Bracket    | KM-81BAJ                 | <a href="#">117630-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-116BAJ                | <a href="#">117631-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-161B_J                | <a href="#">117632-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 5                                                                | Pump Motor            | KM-81BAJ                 | <a href="#">P00467-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-116BAJ, KM-161B_J     | <a href="#">P00468-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 6                                                                | Pump Motor Capacitor  | 1MFD, 4000V              | <a href="#">4Y1175-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 7                                                                | Inlet Water Valve     | KM-81BAJ, KM-116BAJ      | <a href="#">3U0152-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-161B_J                | <a href="#">3U0133-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 8                                                                | Rubber Gasket         |                          | <a href="#">4A7594-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 9                                                                | Water Supply Pipe     | KM-81BAJ                 | <a href="#">4A6705G01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-116BAJ                | <a href="#">4A6701G01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-161B_J                | <a href="#">4A6685G01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 10                                                               | Cleaning Valve        |                          | <a href="#">384353G01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 11                                                               | Water Supply Pipe (A) |                          | <a href="#">384395R01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 12                                                               | Elbow                 |                          | <a href="#">470303-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 13                                                               | Bypass Hose           |                          | <a href="#">374229R01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 14                                                               | Water Supply Pipe (B) |                          | <a href="#">374228R01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 15                                                               | Drain Valve Cover     |                          | <a href="#">482837M01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 16                                                               | Water Supply Tube     | KM-81BAJ                 | <a href="#">250743-02</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-116BAJ                | <a href="#">250743-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-161B_J                | <a href="#">250743-03</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 17                                                               | Spray Guide           | KM-81BAJ                 | <a href="#">252052P02</a> | 1               | 1          | 1       | 1              | -       |  |  |  |  |
|                                                                  |                       |                          | 2A4282-06                 |                 |            |         |                | 1       |  |  |  |  |
|                                                                  |                       | KM-116BAJ                | <a href="#">252052P01</a> | 1               | 1          | 1       | 1              | -       |  |  |  |  |
|                                                                  |                       |                          | 2A4282-05                 |                 |            |         |                | 1       |  |  |  |  |
|                                                                  |                       | KM-161B_J                | <a href="#">252052P03</a> | 1               | 1          | 1       | -              |         |  |  |  |  |
|                                                                  |                       |                          | 2A4282-03                 |                 |            |         | 1              | 1       |  |  |  |  |
| 18                                                               | Spray Tube            | KM-81BAJ                 | <a href="#">250746-02</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-116BAJ                | <a href="#">250746-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-161B_J                | <a href="#">250746-03</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 19                                                               | Spray Tube Cap        |                          | <a href="#">370777R01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 20                                                               | Silicone Hose         | L=90 mm                  | <a href="#">7730-1519</a> | 3               | 3          | 3       | 3              | 3       |  |  |  |  |
| 21                                                               | Tee                   |                          | <a href="#">470312-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 22                                                               | Silicone Hose         | L=280 mm                 | <a href="#">7730-1519</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 23                                                               | Elbow                 |                          | <a href="#">417703-01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 24                                                               | Washer                | KM-81BAJ                 | <a href="#">4Y4194P01</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                       | KM-116BAJ, KM-161B_J     | <a href="#">4Y4194P02</a> | 1               | 1          | 1       | 1              | 1       |  |  |  |  |

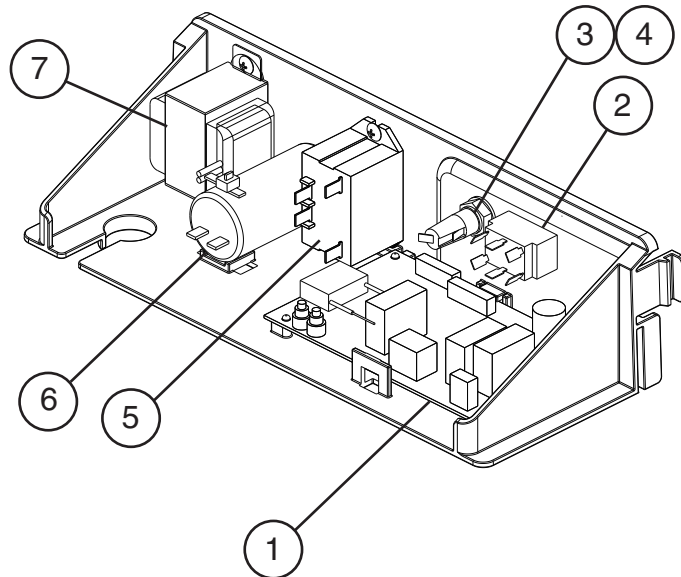
| Title: C. Water Circuit    Model: KM-81BAJ, KM-116BAJ, KM-161B_J |                      |                          |             |                 |            |         |                |         |  |  |  |  |
|------------------------------------------------------------------|----------------------|--------------------------|-------------|-----------------|------------|---------|----------------|---------|--|--|--|--|
| Index No.                                                        | Description          | Material or Model Number | Part Number | Required Number |            |         |                |         |  |  |  |  |
|                                                                  |                      |                          |             | J-0 to K-2      | K-3 to L-0 | L-1 L-2 | L-3 to P-0 (C) | P-1 P-2 |  |  |  |  |
| 25                                                               | Float Switch         |                          | 4A3624-04   | 1               | 1          | 1       | -              |         |  |  |  |  |
|                                                                  |                      |                          | 4A7077G03   |                 |            |         | 1              | 1       |  |  |  |  |
| 26                                                               | Float Switch Bracket | KM-161B_J                | 368339-01   | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 27                                                               | Overflow Pipe        | KM-81BAJ                 | 369038P01   | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                      | KM-116BAJ                | 369038P02   | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
|                                                                  |                      | KM-161B_J                | 369038P03   | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 28                                                               | Silicone Hose        | L=150 mm                 | 7730-1519   | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 29                                                               | Drain Valve          |                          | 384352G01   | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 30                                                               | Drain Valve Hose     |                          | 470304-01   | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 31                                                               | Drain Fitting        |                          | 2A9337G01   | 1               | 1          | -       |                |         |  |  |  |  |
|                                                                  |                      |                          | 4A5527-02   |                 |            | 1       | 1              | 1       |  |  |  |  |
| 32                                                               | Drain Hose           |                          | 370704R01   | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 33                                                               | Drain Cap            |                          | 472250P01   | 1               | 1          | 1       | 1              | 1       |  |  |  |  |
| 34                                                               | Pump Motor Barrier   |                          | 4A6948-01   |                 | 1          | 1       | 1              | 1       |  |  |  |  |
| Hose Clamps                                                      |                      |                          |             |                 |            |         |                |         |  |  |  |  |
| 35                                                               | Hose Clamp           | 16.5 mm                  | 427443-04   | 2               | 2          | 2       | 2              | 2       |  |  |  |  |
| 36                                                               | Hose Clamp           | 18 mm                    | 427443-05   | 3               | 3          | 3       | 2              | 2       |  |  |  |  |
| 37                                                               | Hose Clamp           | 20 mm                    | 427443-06   | 2               | 2          | 2       | 2              | 2       |  |  |  |  |

## D. Control Box Assembly

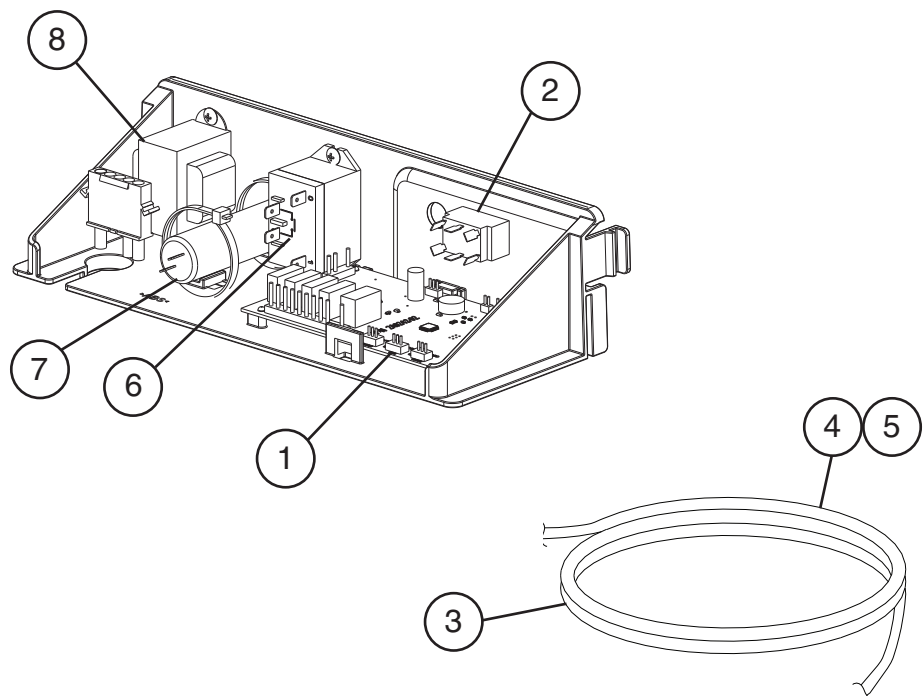
### KM-81BAJ, KM-116BAJ, KM-161B\_J

J-0 to P-2

#### L-1 and Earlier



#### L-2 and Later



## D. Control Box Assembly

### KM-81BAJ, KM-116BAJ, KM-161B\_J

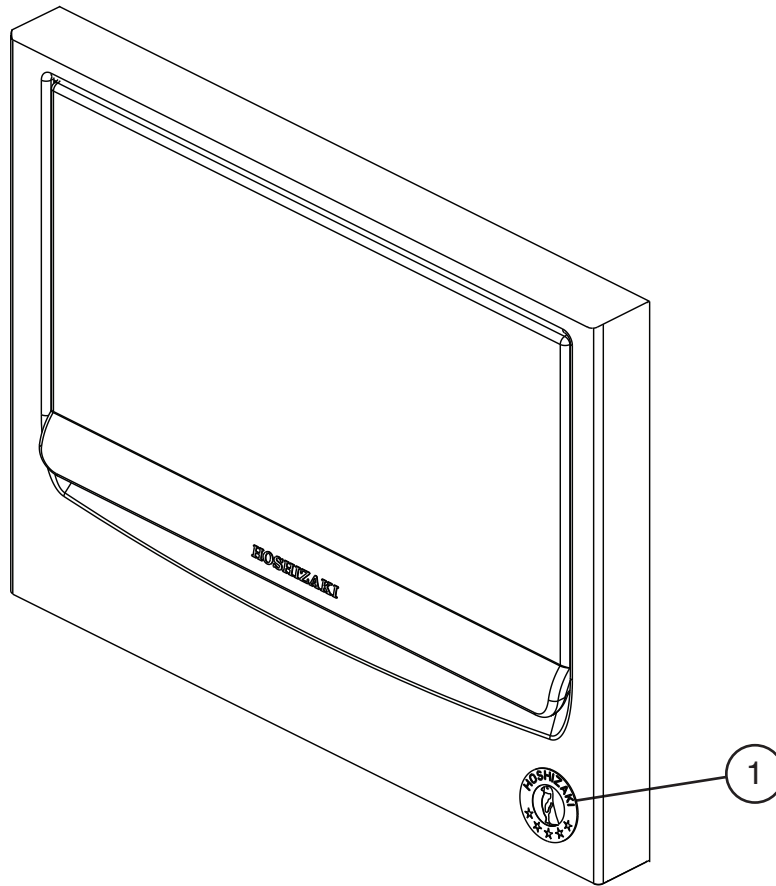
J-0 to P-2

| Title: D. Control Box Assembly    Model: KM-81BAJ, KM-116BAJ, KM-161B_J |                                                                      |                                              |             |                 |            |  |  |  |  |  |  |
|-------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------|-------------|-----------------|------------|--|--|--|--|--|--|
| Index No.                                                               | Description                                                          | Material or Model Number                     | Part Number | Required Number |            |  |  |  |  |  |  |
|                                                                         |                                                                      |                                              |             | J-0 to L-1      | L-2 to P-2 |  |  |  |  |  |  |
| 1                                                                       | Control Board                                                        | KM-81BAJ<br>KM-161BWJ                        | SP-5631     | 1               | -          |  |  |  |  |  |  |
|                                                                         |                                                                      |                                              | 2B0161-01   |                 | 1          |  |  |  |  |  |  |
|                                                                         |                                                                      | KM-116BAJ<br>KM-161BAJ                       | SP-5632     | 1               | -          |  |  |  |  |  |  |
|                                                                         |                                                                      |                                              | 2B0161-01   |                 | 1          |  |  |  |  |  |  |
| 2                                                                       | Toggle Switch                                                        |                                              | P00033-01   | 1               | -          |  |  |  |  |  |  |
|                                                                         |                                                                      |                                              | 443119-01   |                 | 1          |  |  |  |  |  |  |
| 3                                                                       | Wire Harness<br>(includes items 4 and 5 serial number L-2 and later) |                                              | 1A6589-01   |                 | 1          |  |  |  |  |  |  |
| 4                                                                       | Fuse Holder                                                          |                                              | P00014-01   | 1               | -          |  |  |  |  |  |  |
|                                                                         |                                                                      |                                              | 4A5443-01   |                 | 1          |  |  |  |  |  |  |
| 5                                                                       | Fuse                                                                 | 5A, 250VAC                                   | P01143-01   | 1               | 1          |  |  |  |  |  |  |
| 6                                                                       | Power Relay                                                          | 30A                                          | 449000-01   | 1               | -          |  |  |  |  |  |  |
|                                                                         |                                                                      |                                              | 4A3140-01   |                 | 1          |  |  |  |  |  |  |
| 7                                                                       | Start Capacitor                                                      | KM-116BAJ,<br>KM-161BAJ<br>100MFD,<br>160VAC | 4Y1175-01   | 1               | 1          |  |  |  |  |  |  |
| 8                                                                       | Control Transformer                                                  |                                              | 3A4395-01   | 1               | -          |  |  |  |  |  |  |
|                                                                         |                                                                      |                                              | 3A0172-01   |                 | 1          |  |  |  |  |  |  |

## E. Accessories & Labels

**KM-81BAJ, KM-116BAJ, KM-161B\_J**

J-0 to P-2



| Title: E. Accessories & Labels    Model: KM-81BAJ, KM-116BAJ, KM-161B_J |               |                          |                           |            |                 |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------|---------------|--------------------------|---------------------------|------------|-----------------|--|--|--|--|--|--|--|
| Index No.                                                               | Description   | Material or Model Number | Part Number               | J-0 to P-2 | Required Number |  |  |  |  |  |  |  |
|                                                                         |               |                          |                           |            |                 |  |  |  |  |  |  |  |
| 1                                                                       | Penguin Label |                          | <a href="#">475552L02</a> | 1          |                 |  |  |  |  |  |  |  |
| 2                                                                       | Leg           |                          | <a href="#">4A2525-01</a> | 4          |                 |  |  |  |  |  |  |  |
| 3                                                                       | Scoop         |                          | <a href="#">2X4119P01</a> | 1          |                 |  |  |  |  |  |  |  |