



# HOSHIZAKI

## Parts List

Modular Crescent Cuber  
Serenity Series

Models  
KMS-830MLH



[hoshizakiamerica.com](http://hoshizakiamerica.com)

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## **Auxiliary Codes**

### **KMS-830MLH**

|     |                |
|-----|----------------|
| A-0 | April 2011     |
| B-0 | April 2012     |
| C-0 | March 2013     |
| C-1 | September 2013 |
| D-0 | February 2014  |
| E-0 | March 2015     |
| F-0 | March 2016     |

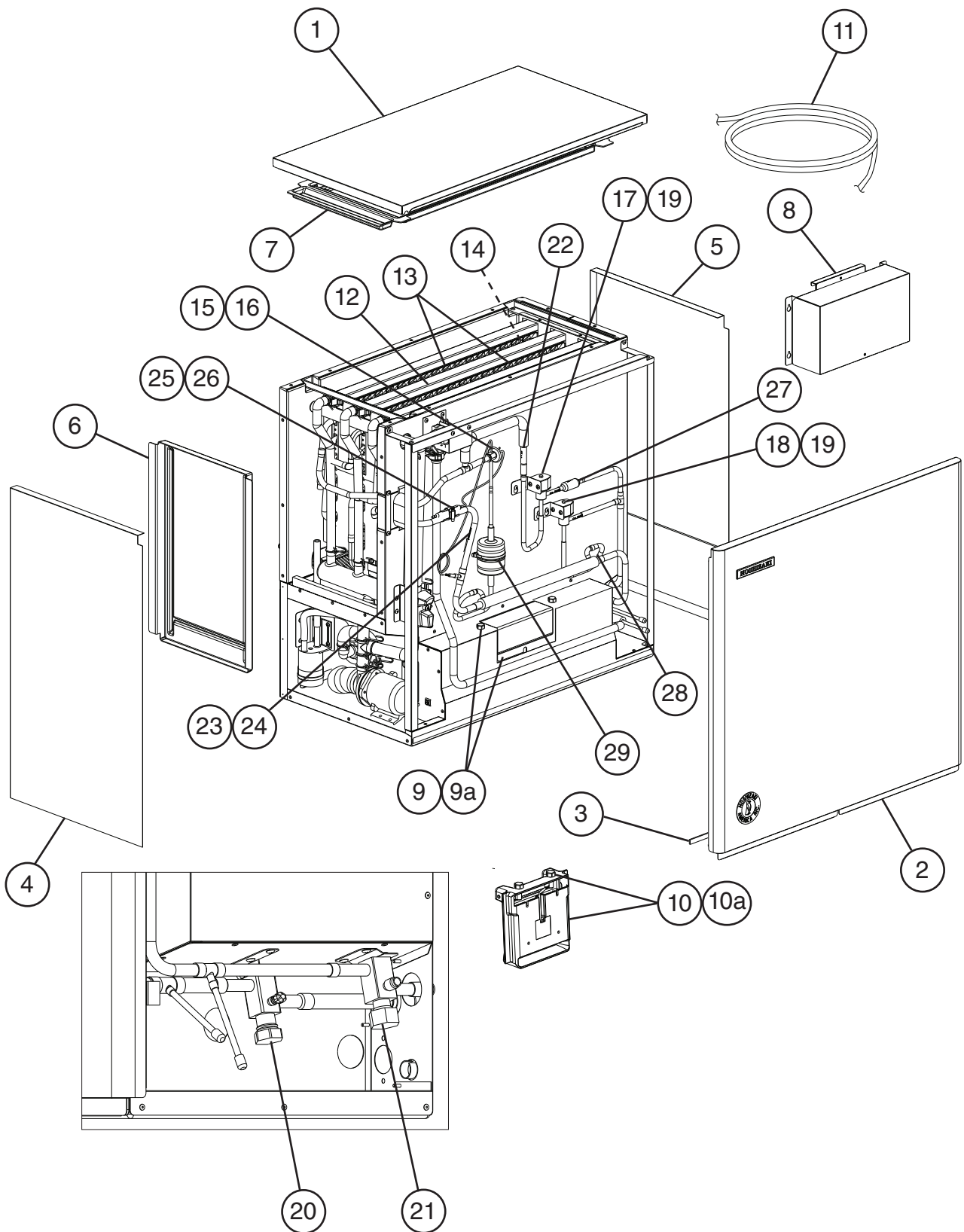
## **Auxiliary Code Breakdown**

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**

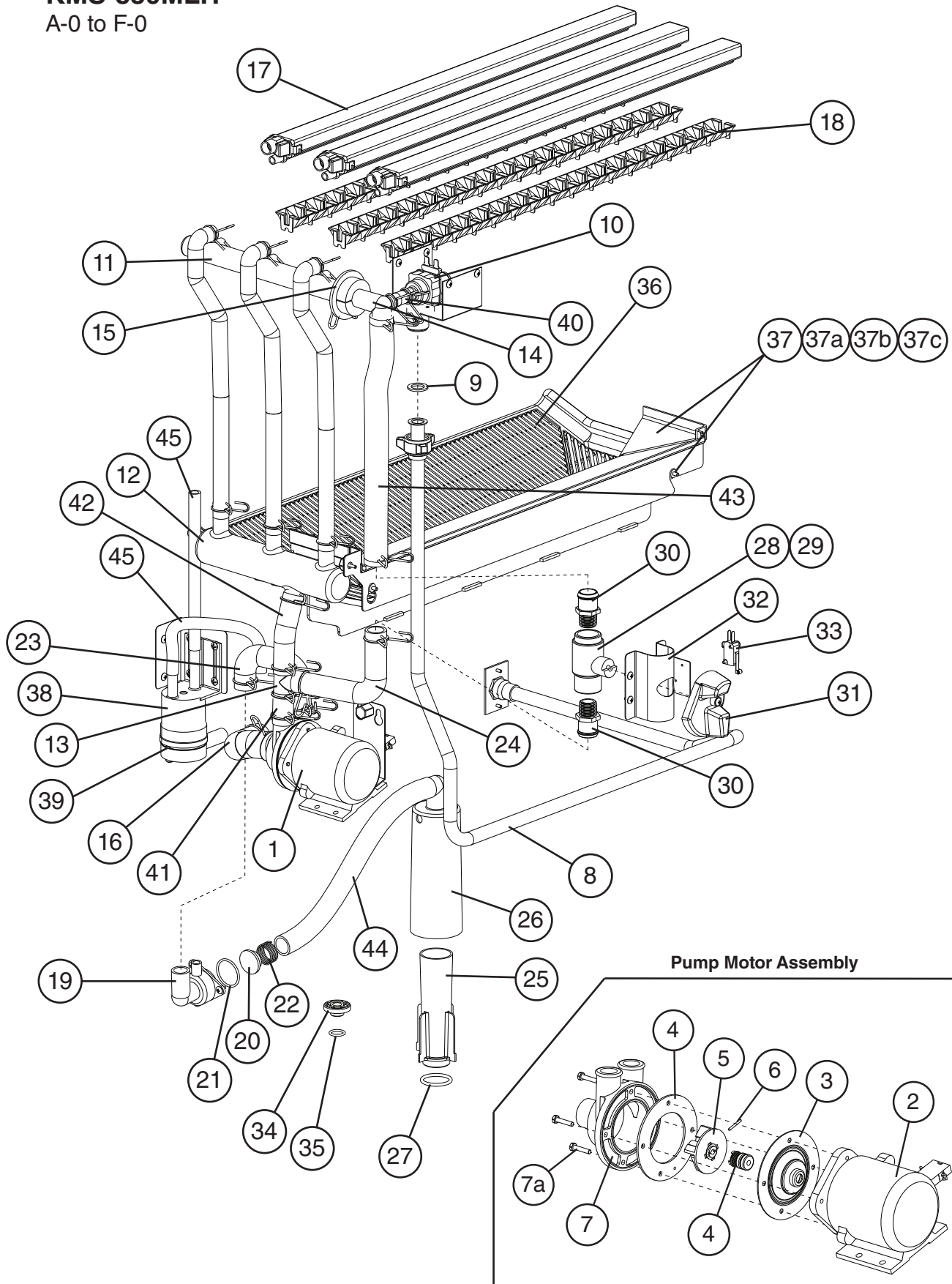
Most assemblies cannot be ordered as complete units; parts in the assemblies generally must be ordered separately.

# **A. Main Assembly and Refrigeration Circuit** **KMS-830MLH** A-0 to F-0



| Title: A. Main Assembly and Refrigeration Circuit |                                          |                          |             | Model: KMS-830MLH |  |  |  |  |  |  |  |  |  |
|---------------------------------------------------|------------------------------------------|--------------------------|-------------|-------------------|--|--|--|--|--|--|--|--|--|
| Index No.                                         | Description                              | Material or Model Number | Part Number | Required Number   |  |  |  |  |  |  |  |  |  |
|                                                   |                                          |                          |             | A-0 to F-0        |  |  |  |  |  |  |  |  |  |
| Main Assembly                                     |                                          |                          |             |                   |  |  |  |  |  |  |  |  |  |
| 1                                                 | Top Panel                                |                          | 2A6262-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 2                                                 | Front Panel                              |                          | 2A6454-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 3                                                 | Gasket                                   |                          | 4A0808L02   | 1                 |  |  |  |  |  |  |  |  |  |
| 4                                                 | Left Side Panel                          |                          | 2A6456-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 5                                                 | Right Side Panel                         |                          | 2A6287G01   | 1                 |  |  |  |  |  |  |  |  |  |
| 6                                                 | Left side Insulation                     |                          | 3A6364G01   | 1                 |  |  |  |  |  |  |  |  |  |
| 7                                                 | Top Insulation                           |                          | 3A6363G01   | 1                 |  |  |  |  |  |  |  |  |  |
| 8                                                 | Control Box Cover                        |                          | 3A6373-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 9                                                 | Bin Control Cover                        |                          | 3A2642-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 9a                                                | Thumbscrew                               |                          | 415949G10   | 2                 |  |  |  |  |  |  |  |  |  |
| 10                                                | Bin Control                              |                          | 2A4393G01   | 1                 |  |  |  |  |  |  |  |  |  |
| 10a                                               | Thumbscrew                               |                          | 415949G10   | 2                 |  |  |  |  |  |  |  |  |  |
| 11                                                | Wire Harness                             |                          | 4A2200G04   | 1                 |  |  |  |  |  |  |  |  |  |
| Refrigeration Circuit                             |                                          |                          |             |                   |  |  |  |  |  |  |  |  |  |
| 12                                                | Evaporator (includes items 11 and 12)    |                          | 2A6365G01   | 1                 |  |  |  |  |  |  |  |  |  |
| 13                                                | Outer Evaporator Plate                   |                          | 2A6363G01   | 2                 |  |  |  |  |  |  |  |  |  |
| 14                                                | Center Evaporator Plate                  |                          | 2A6364G01   | 1                 |  |  |  |  |  |  |  |  |  |
| 15                                                | Thermostatic Expansion Valve             |                          | 4A5302-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 16                                                | Thermostatic Expansion Valve Cover       |                          | 3A0944-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 17                                                | Hot Gas Valve Body                       |                          | 4A3978-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 18                                                | Line Valve Body                          |                          | 4A3276-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 19                                                | Valve Coil                               |                          | 4A3277-01   | 2                 |  |  |  |  |  |  |  |  |  |
| 20                                                | Suction Line Shutoff Valve               |                          | 4A3490-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 21                                                | Liquid Line Shutoff Valve                |                          | 4A4822-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 22                                                | Check Valve                              |                          | 4A2054-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 23                                                | Thermistor                               |                          | 429006-03   | 1                 |  |  |  |  |  |  |  |  |  |
| 24                                                | Thermistor Holder                        |                          | 427430-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 25                                                | Thermostatic Expansion Valve Bulb Holder |                          | 3A0107-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 26                                                | Clamp                                    |                          | 443461-02   | 1                 |  |  |  |  |  |  |  |  |  |
| 27                                                | Strainer                                 |                          | 441569-02   | 1                 |  |  |  |  |  |  |  |  |  |
| 28                                                | Heat Exchanger                           |                          | 4A3754-01   | 1                 |  |  |  |  |  |  |  |  |  |
| 29                                                | Drier                                    |                          | 4A2663-01   | 1                 |  |  |  |  |  |  |  |  |  |

**B. Water Circuit**  
**KMS-830MLH**  
 A-0 to F-0



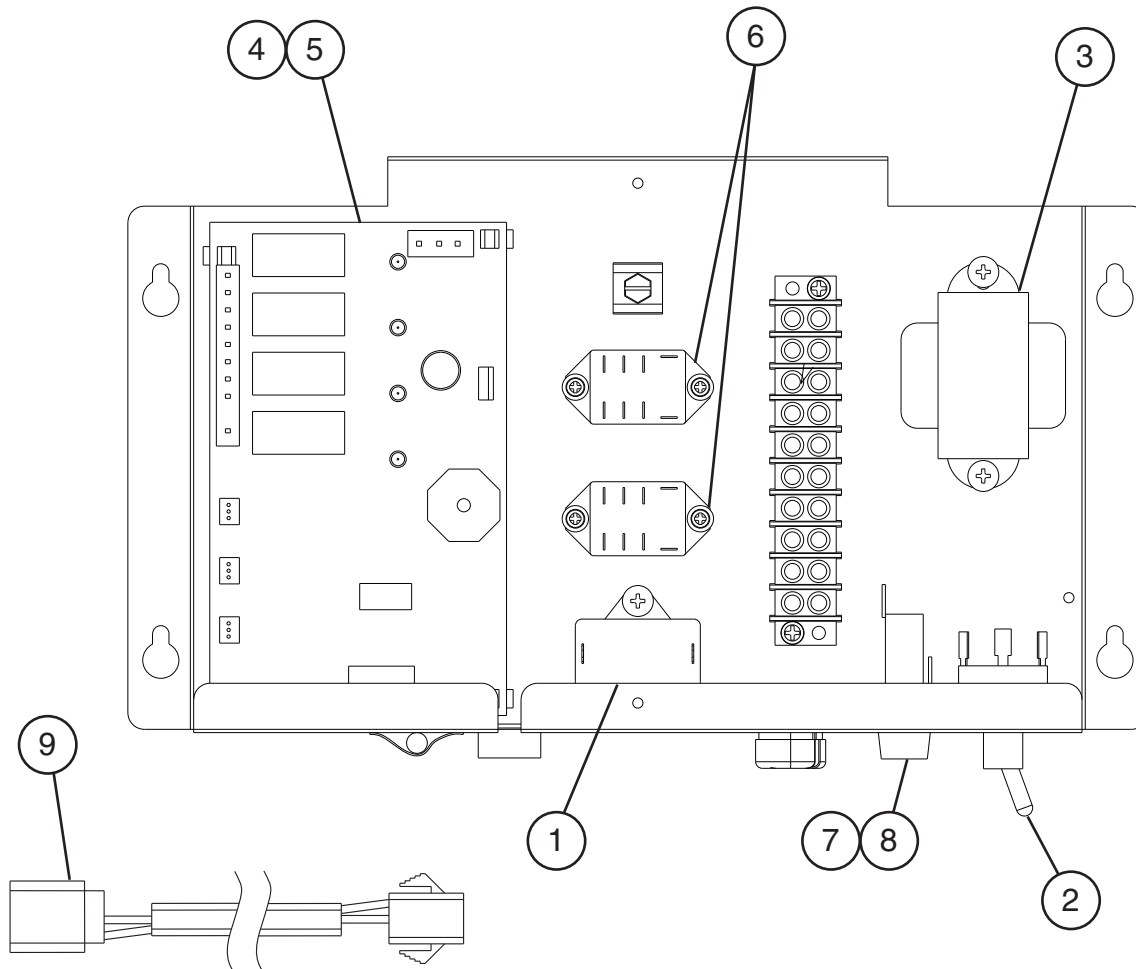
| Title: B. Water Circuit    Model: KMS-830MLH |                                                     |                          |             |            |                 |  |  |  |  |  |  |  |
|----------------------------------------------|-----------------------------------------------------|--------------------------|-------------|------------|-----------------|--|--|--|--|--|--|--|
| Index No.                                    | Description                                         | Material or Model Number | Part Number | A-0 to F-0 | Required Number |  |  |  |  |  |  |  |
|                                              |                                                     |                          |             |            |                 |  |  |  |  |  |  |  |
| 1                                            | Pump Motor Assembly<br>(includes items 2 through 8) |                          | 3A2638A03   | 1          |                 |  |  |  |  |  |  |  |
| 2                                            | Pump Motor                                          |                          | 2A2758-01   | 1          |                 |  |  |  |  |  |  |  |
| 3                                            | Pump Flange                                         |                          | 3A2988-01   | 1          |                 |  |  |  |  |  |  |  |
| 4                                            | Mechanical Seal                                     |                          | 465627-01   | 1          |                 |  |  |  |  |  |  |  |
| 5                                            | Impeller                                            |                          | 433522-01   | 1          |                 |  |  |  |  |  |  |  |
| 6                                            | Pin                                                 |                          | 4A0648-01   | 1          |                 |  |  |  |  |  |  |  |
| 7                                            | Pump Housing                                        |                          | 211409-01   | 1          |                 |  |  |  |  |  |  |  |
| 7a                                           | Screw                                               | 4x20                     | 4A3871-01   | 4          |                 |  |  |  |  |  |  |  |
| 8                                            | Water Supply Pipe                                   |                          | 3A6358G01   | 1          |                 |  |  |  |  |  |  |  |
| 9                                            | Rubber Gasket                                       |                          | 413854-03   | 1          |                 |  |  |  |  |  |  |  |
| 10                                           | Inlet Water Valve                                   |                          | 3U0111-03   | 1          |                 |  |  |  |  |  |  |  |
| 11                                           | Distributor Hose A                                  |                          | 325738-01   | 1          |                 |  |  |  |  |  |  |  |
| 12                                           | Distributor Hose C                                  |                          | 3A6345-01   | 1          |                 |  |  |  |  |  |  |  |
| 13                                           | Distributor                                         |                          | 432426-01   | 1          |                 |  |  |  |  |  |  |  |
| 14                                           | Distributor B                                       |                          | 3A6353-01   | 1          |                 |  |  |  |  |  |  |  |
| 15                                           | Flange                                              |                          | 439267-01   | 1          |                 |  |  |  |  |  |  |  |
|                                              |                                                     |                          | 439267-02   |            |                 |  |  |  |  |  |  |  |
| 16                                           | Suction Hose                                        |                          | 4A3001-02   | 1          |                 |  |  |  |  |  |  |  |
| 17                                           | Spray Tube                                          |                          | 4A3715G01   | 3          |                 |  |  |  |  |  |  |  |
| 18                                           | Spray Guide                                         |                          | 118939P01   | 3          |                 |  |  |  |  |  |  |  |
| 19                                           | Drain Valve Housing                                 |                          | 323613-01   | 1          |                 |  |  |  |  |  |  |  |
| 20                                           | Valve Seat                                          |                          | 433705-01   | 1          |                 |  |  |  |  |  |  |  |
| 21                                           | O-Ring                                              |                          | 7611-G035   | 1          |                 |  |  |  |  |  |  |  |
| 22                                           | Spring                                              |                          | 322110-01   | 1          |                 |  |  |  |  |  |  |  |
| 23                                           | Drain Hose                                          |                          | 4A5270-01   | 1          |                 |  |  |  |  |  |  |  |
| 24                                           | Bypass Hose                                         |                          | 4A5278-01   | 1          |                 |  |  |  |  |  |  |  |
| 25                                           | Overflow Pipe                                       |                          | 430722-08   | 1          |                 |  |  |  |  |  |  |  |
| 26                                           | Overflow Cap                                        |                          | 321002-01   | 1          |                 |  |  |  |  |  |  |  |
| 27                                           | O-Ring                                              |                          | 4A1234-01   | 1          |                 |  |  |  |  |  |  |  |
| 28                                           | Ball Valve Assembly<br>(includes items 29 and 30)   |                          | 442137A01   | 1          |                 |  |  |  |  |  |  |  |
| 29                                           | Ball Valve                                          |                          | 439293-01   | 1          |                 |  |  |  |  |  |  |  |
| 30                                           | Male Adaptor                                        |                          | 325826-01   | 2          |                 |  |  |  |  |  |  |  |
| 31                                           | Handle                                              |                          | 215383-01   | 1          |                 |  |  |  |  |  |  |  |
| 32                                           | Valve Holder                                        |                          | 3A1178-01   | 1          |                 |  |  |  |  |  |  |  |
| 33                                           | Microswitch                                         |                          | 4A2546-01   | 1          |                 |  |  |  |  |  |  |  |
| 34                                           | Drain Plug                                          |                          | 309246-01   | 1          |                 |  |  |  |  |  |  |  |
| 35                                           | O-Ring                                              |                          | 7611-P015   | 1          |                 |  |  |  |  |  |  |  |
| 36                                           | Cube Guide A                                        |                          | 1A2081-01   | 1          |                 |  |  |  |  |  |  |  |
| 37                                           | Cube Guide B                                        |                          | 1A2082-01   | 1          |                 |  |  |  |  |  |  |  |
| 37a                                          | Collar                                              |                          | 435269-01   | 2          |                 |  |  |  |  |  |  |  |
| 37b                                          | Flat Head T2 Screw                                  | 4x12                     | 7P22-0412   | 2          |                 |  |  |  |  |  |  |  |
| 37c                                          | Thumbscrew                                          |                          | 415949G10   | 1          |                 |  |  |  |  |  |  |  |

| Title: B. Water Circuit    Model: KMS-830MLH |                        |                          |             |                 |  |  |  |  |  |  |  |  |
|----------------------------------------------|------------------------|--------------------------|-------------|-----------------|--|--|--|--|--|--|--|--|
| Index No.                                    | Description            | Material or Model Number | Part Number | Required Number |  |  |  |  |  |  |  |  |
|                                              |                        |                          |             | A-0 to F-0      |  |  |  |  |  |  |  |  |
| 38                                           | Float Switch           |                          | 4A3624-01   | 1               |  |  |  |  |  |  |  |  |
| 39                                           | Float Switch Connector |                          | 426799-03   | 1               |  |  |  |  |  |  |  |  |
| 40                                           | Vinyl Hose             | L=40 mm                  | 7716-1216   | 1               |  |  |  |  |  |  |  |  |
| 41                                           | Vinyl Hose             | L=40 mm                  | 7716-2025   | 1               |  |  |  |  |  |  |  |  |
| 42                                           | Vinyl Hose             | L=100 mm                 | 7716-2025   | 1               |  |  |  |  |  |  |  |  |
| 43                                           | Vinyl Hose             | L=315 mm                 | 7716-2025   | 1               |  |  |  |  |  |  |  |  |
| 44                                           | Vinyl Hose             | L=335 mm                 | 7716-2025   | 1               |  |  |  |  |  |  |  |  |
| 45                                           | Silicone Hose          | L=180 mm                 | 7730I3896   | 2               |  |  |  |  |  |  |  |  |
| <b>Hose Clamps</b>                           |                        |                          |             |                 |  |  |  |  |  |  |  |  |
|                                              | Hose Clamp             | 25 mm                    | 427443-03   | 11              |  |  |  |  |  |  |  |  |
|                                              | Hose Clamp             | 16.5 mm                  | 427443-04   | 2               |  |  |  |  |  |  |  |  |
|                                              | Hose Clamp             | 18 mm                    | 427443-05   | 3               |  |  |  |  |  |  |  |  |
|                                              | Hose Clamp             | 20 mm                    | 427443-06   | 3               |  |  |  |  |  |  |  |  |

## C. Control Box Assembly

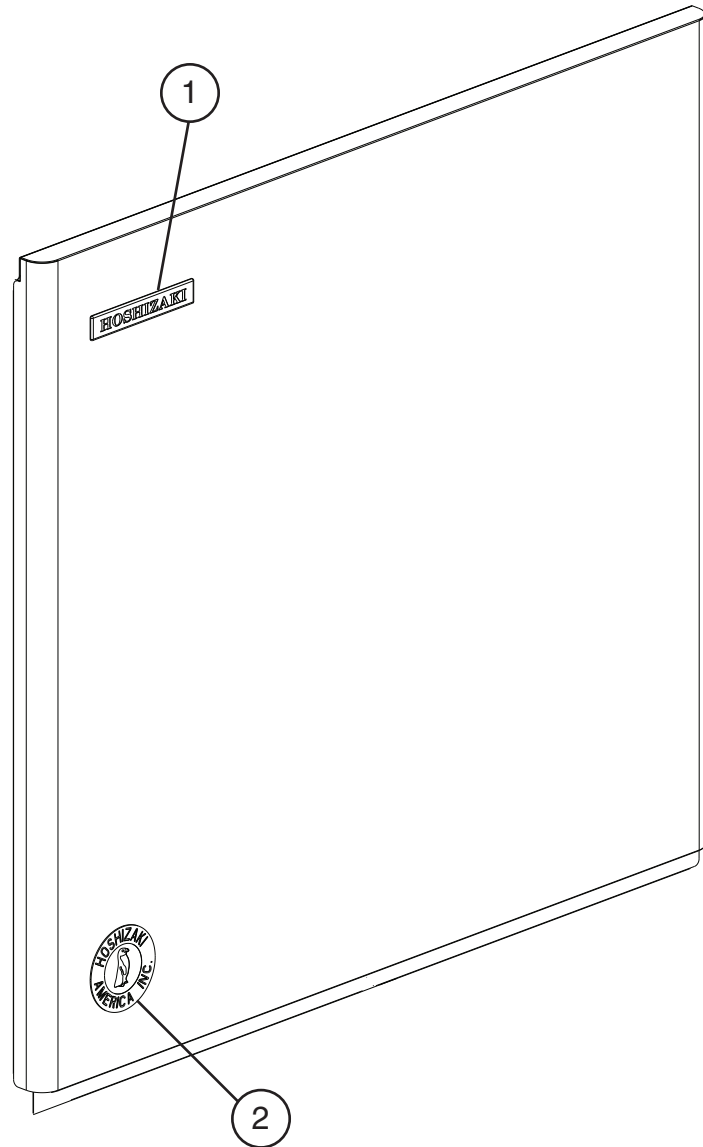
### KMS-830MLH

A-0 to F-0



| Title: C. Control Box Assembly |                            | Model: KMS-830MLH        |                           | Required Number |            |  |  |  |  |  |  |  |  |
|--------------------------------|----------------------------|--------------------------|---------------------------|-----------------|------------|--|--|--|--|--|--|--|--|
| Index No.                      | Description                | Material or Model Number | Part Number               | A-0             | B-0 to F-0 |  |  |  |  |  |  |  |  |
| 1                              | Pump Motor Capacitor       | 5.5MFD, 250VAC           | <a href="#">443192-03</a> | 1               | 1          |  |  |  |  |  |  |  |  |
| 2                              | Control Switch             |                          | <a href="#">443119-01</a> | 1               | 1          |  |  |  |  |  |  |  |  |
| 3                              | Control Transformer        |                          | <a href="#">3A0172-01</a> | 1               | 1          |  |  |  |  |  |  |  |  |
| 4                              | Control Board              |                          | <a href="#">2A3792-01</a> | 1               | 1          |  |  |  |  |  |  |  |  |
| 5                              | Control Board Support      |                          | <a href="#">4A0336-03</a> | 4               | 4          |  |  |  |  |  |  |  |  |
| 6                              | Relay (X10 and X11)        |                          | <a href="#">406132-07</a> | 2               | 2          |  |  |  |  |  |  |  |  |
| 7                              | Fuse Holder                |                          | <a href="#">4A3449-01</a> | 1               | -          |  |  |  |  |  |  |  |  |
|                                |                            |                          | <a href="#">4A5443-01</a> |                 | 1          |  |  |  |  |  |  |  |  |
| 8                              | Fuse                       | ACG-10A, 250VAC          | <a href="#">4A0893-07</a> | 1               | 1          |  |  |  |  |  |  |  |  |
| 9                              | Wire Harness (Bin Control) |                          | <a href="#">4A2200G04</a> | 1               | 1          |  |  |  |  |  |  |  |  |

**D. Accessories & Labels**  
**KMS-830MLH**  
A-0 to F-0



| Title: D. Accessories & Labels    Model: KMS-830MLH |                        |                          |             |                 |  |  |  |  |  |  |  |  |
|-----------------------------------------------------|------------------------|--------------------------|-------------|-----------------|--|--|--|--|--|--|--|--|
| Index No.                                           | Description            | Material or Model Number | Part Number | Required Number |  |  |  |  |  |  |  |  |
|                                                     |                        |                          |             | A-0 to F-0      |  |  |  |  |  |  |  |  |
| 1                                                   | Hoshizaki Emblem Label |                          | 4A0560-01   | 1               |  |  |  |  |  |  |  |  |
| 2                                                   | Penguin-HA-Label       |                          | 4A0526-01   | 1               |  |  |  |  |  |  |  |  |
| 3                                                   | Universal Brace        |                          | 4A5357-01   | 2               |  |  |  |  |  |  |  |  |
| 3a                                                  | Hex Bolt               | 5x12, SS                 | 7B02-0512   | 2               |  |  |  |  |  |  |  |  |