

# Hoshizaki America, Inc.

## Modular Flaker

### Models

FD-650MAH-C, MWH-C, MRH-C



“A Superior Degree  
of Reliability”

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

## PARTS LIST



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## **Auxiliary Codes**

### **FD-650MAH-C**

C-0 June 2013

D-0 June 2014

D-1 September 2014

E-0 March 2015

### **FD-650MWH-C**

C-0 November 2013

D-0 June 2014

D-1 September 2014

### **FD-650MRH-C**

C-0 December 2013

D-0 June 2014

D-1 September 2014

E-0 June 2015

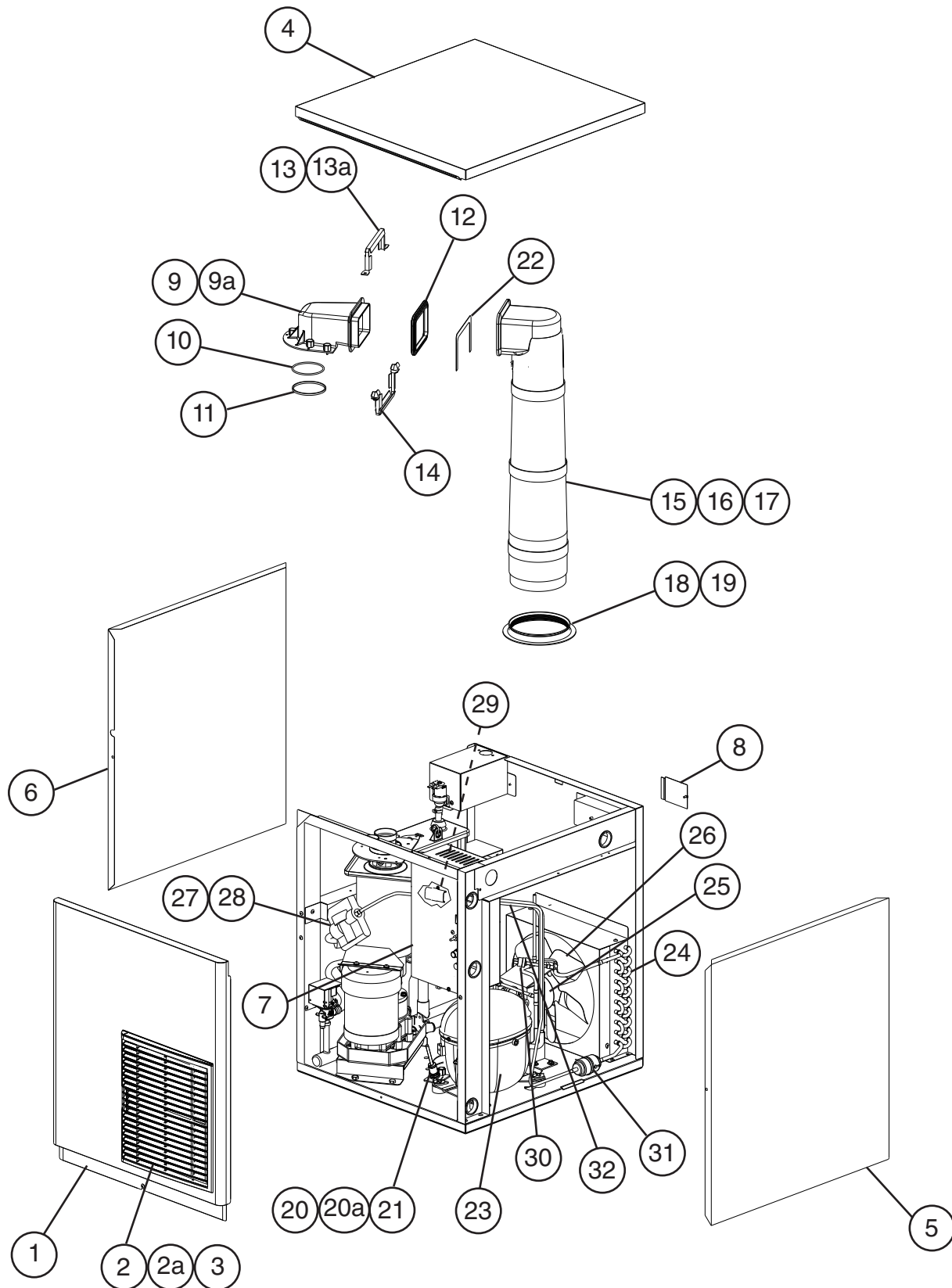
## **Auxiliary Code Breakdown**

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**

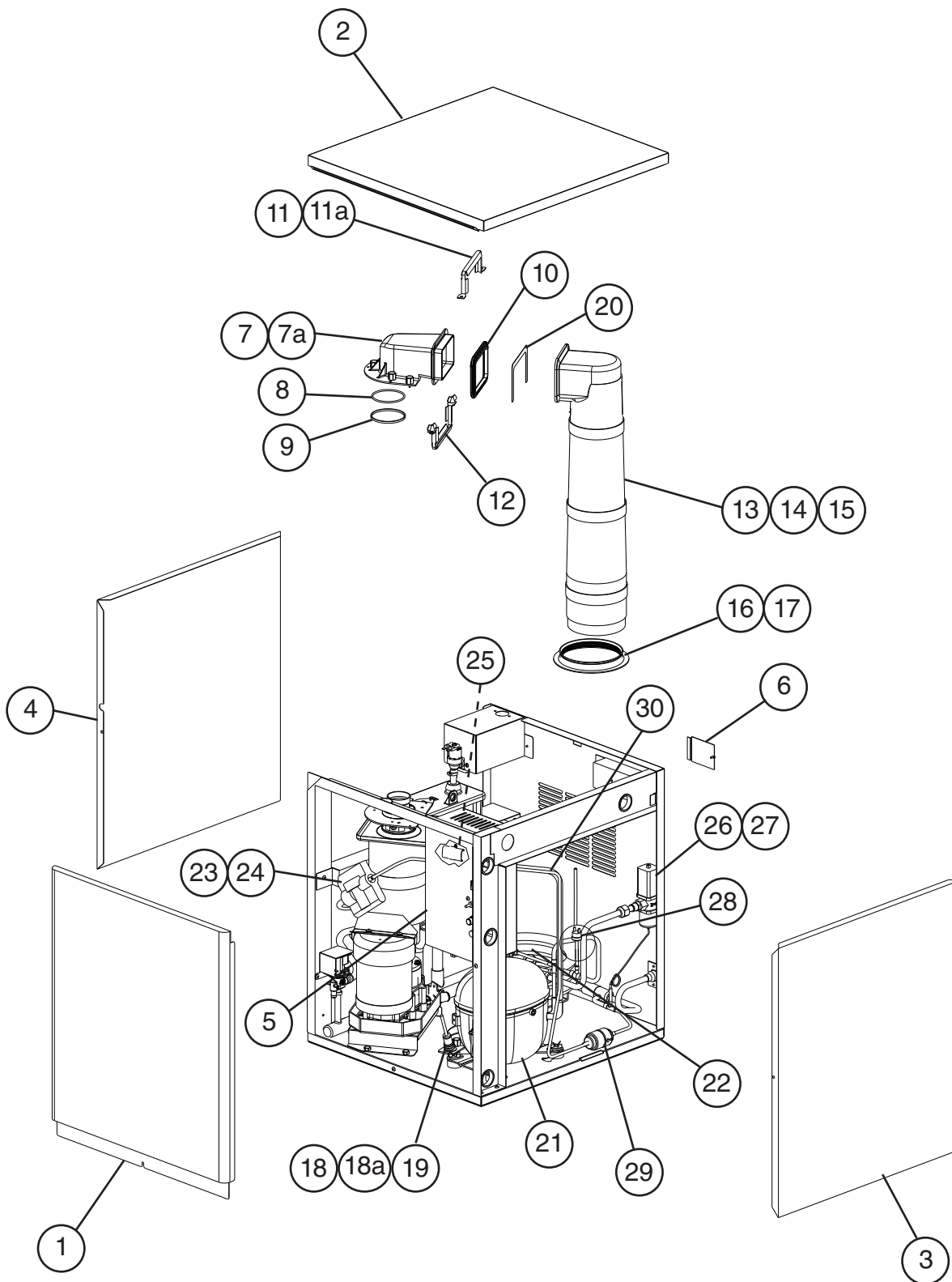
Most assemblies cannot be ordered as complete units; parts in the assemblies generally must be ordered separately.

# **A. Main Assembly & Refrigeration Circuit** **FD-650MAH-C** C-0 to E-0



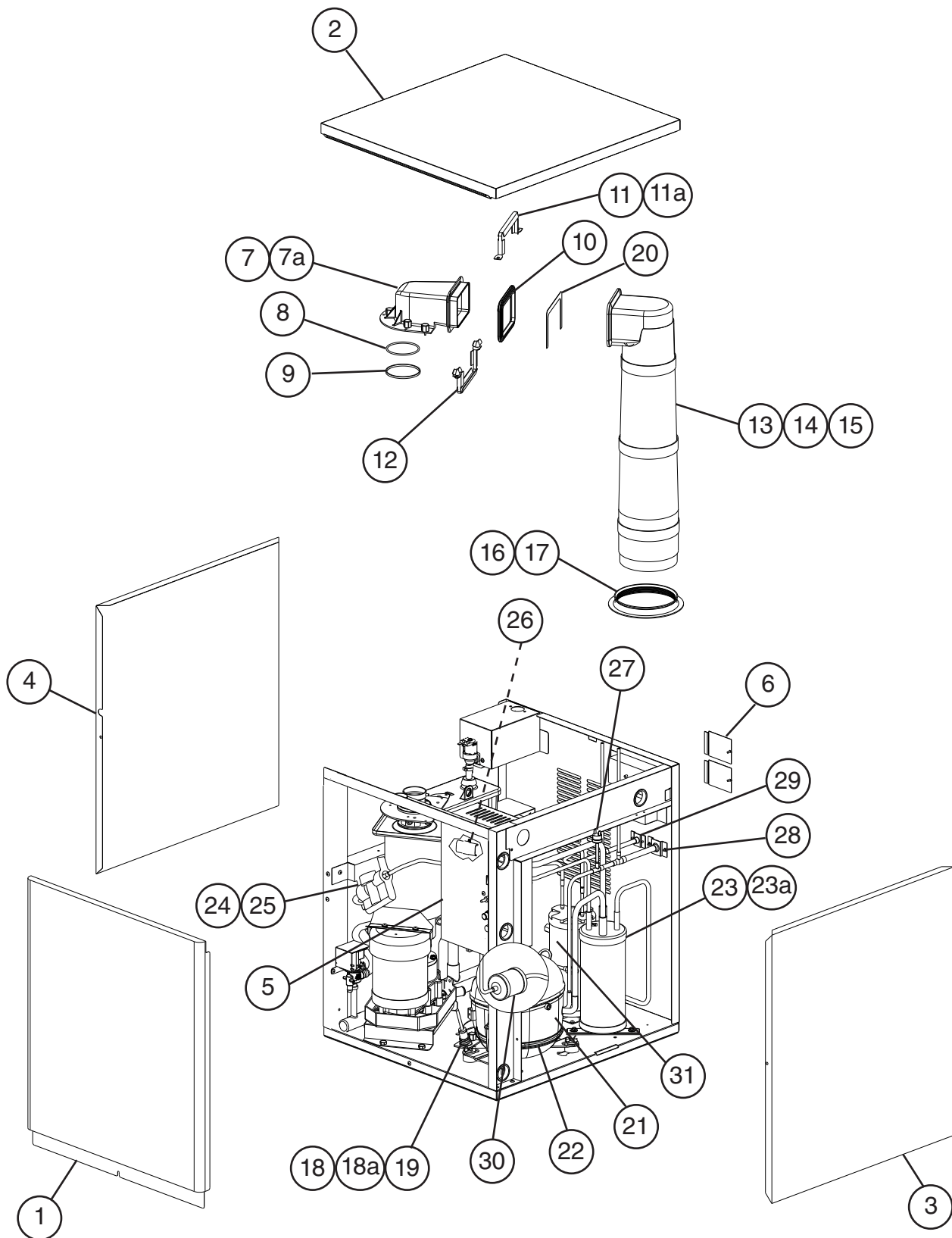
| Title: A. Main Assembly & Refrigeration Circuit    Model: FD-650MAH-C |                                          |                          |             |                 |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------|------------------------------------------|--------------------------|-------------|-----------------|--|--|--|--|--|--|--|--|--|
| Index No.                                                             | Description                              | Material or Model Number | Part Number | Required Number |  |  |  |  |  |  |  |  |  |
|                                                                       |                                          |                          |             | C-0 to E-0      |  |  |  |  |  |  |  |  |  |
| Main Assembly                                                         |                                          |                          |             |                 |  |  |  |  |  |  |  |  |  |
| 1                                                                     | Front Panel                              |                          | 2A7086-01   | 1               |  |  |  |  |  |  |  |  |  |
| 2                                                                     | Louver                                   |                          | 1A0547-01   | 1               |  |  |  |  |  |  |  |  |  |
| 2a                                                                    | Push Retainer                            |                          | 4A2414-01   | 3               |  |  |  |  |  |  |  |  |  |
| 3                                                                     | Air Filter                               |                          | 2A2062G01   | 1               |  |  |  |  |  |  |  |  |  |
| 4                                                                     | Top Panel                                |                          | 2A7090-01   | 1               |  |  |  |  |  |  |  |  |  |
| 5                                                                     | Right Side Panel                         |                          | 2A4432G01   | 1               |  |  |  |  |  |  |  |  |  |
| 6                                                                     | Left Side Panel                          |                          | 2A3897G01   | 1               |  |  |  |  |  |  |  |  |  |
| 7                                                                     | Control Box Cover                        |                          | 3A0411-01   | 1               |  |  |  |  |  |  |  |  |  |
| 8                                                                     | Junction Box Cover                       |                          | 433410-01   | 1               |  |  |  |  |  |  |  |  |  |
| 9                                                                     | Spout                                    |                          | 104797-01   | 1               |  |  |  |  |  |  |  |  |  |
| 9a                                                                    | Thumbscrew                               |                          | 415949G12   | 5               |  |  |  |  |  |  |  |  |  |
| 10                                                                    | O-Ring                                   |                          | 4A4755-03   | 1               |  |  |  |  |  |  |  |  |  |
| 11                                                                    | Nylon Ring                               |                          | 432661-02   | 1               |  |  |  |  |  |  |  |  |  |
| 12                                                                    | Spout-to-Chute Packing                   |                          | 321037-01   | 1               |  |  |  |  |  |  |  |  |  |
| 13                                                                    | Upper Spout Strap                        |                          | 328703-02   | 1               |  |  |  |  |  |  |  |  |  |
| 13a                                                                   | Wing Nut                                 |                          | 7E12-0600   | 2               |  |  |  |  |  |  |  |  |  |
| 14                                                                    | Lower Spout Strap                        |                          | 321038G02   | 1               |  |  |  |  |  |  |  |  |  |
| 15                                                                    | Chute                                    |                          | 2A1919-03   | 1               |  |  |  |  |  |  |  |  |  |
| 16                                                                    | Chute Insulation                         |                          | 2A1920-01   | 1               |  |  |  |  |  |  |  |  |  |
| 17                                                                    | Chute Tie                                |                          | 436531G01   | 3               |  |  |  |  |  |  |  |  |  |
| 18                                                                    | Chute Packing                            |                          | 432877-01   | 1               |  |  |  |  |  |  |  |  |  |
| 19                                                                    | Ring                                     |                          | 3A1017-01   | 1               |  |  |  |  |  |  |  |  |  |
| 20                                                                    | Bin Control Housing (infrared sensor)    |                          | 3A3478-01   | 1               |  |  |  |  |  |  |  |  |  |
| 20a                                                                   | Thumbscrew                               |                          | 415949G12   | 1               |  |  |  |  |  |  |  |  |  |
| 21                                                                    | Bin Control (infrared sensor)            |                          | 4A4469-01   | 1               |  |  |  |  |  |  |  |  |  |
| 22                                                                    | Spout-to-Chute Bracket                   |                          | 4A1712-01   | 1               |  |  |  |  |  |  |  |  |  |
| Refrigeration Circuit                                                 |                                          |                          |             |                 |  |  |  |  |  |  |  |  |  |
| 23                                                                    | Compressor                               |                          | 4A4479-01   | 1               |  |  |  |  |  |  |  |  |  |
| 24                                                                    | Condenser                                |                          | 2A7092-01   | 1               |  |  |  |  |  |  |  |  |  |
| 25                                                                    | Fan Motor                                |                          | 4A3158-01   | 1               |  |  |  |  |  |  |  |  |  |
| 26                                                                    | Fan Blade (includes set screw)           |                          | 444898-01   | 1               |  |  |  |  |  |  |  |  |  |
| 27                                                                    | Thermostatic Expansion Valve             |                          | 4A1117-01   | 1               |  |  |  |  |  |  |  |  |  |
| 28                                                                    | Thermostatic Expansion Valve Cover       |                          | 4A1168-01   | 1               |  |  |  |  |  |  |  |  |  |
| 29                                                                    | Thermostatic Expansion Valve Bulb Holder |                          | 4A5641-01   | 1               |  |  |  |  |  |  |  |  |  |
| 30                                                                    | High-Pressure Switch                     |                          | 463180-04   | 1               |  |  |  |  |  |  |  |  |  |
| 31                                                                    | Drier                                    |                          | 4A1113-01   | 1               |  |  |  |  |  |  |  |  |  |
| 32                                                                    | Heat Exchanger                           |                          | 2A7045G01   | 1               |  |  |  |  |  |  |  |  |  |

# **A. Main Assembly & Refrigeration Circuit** **FD-650MWH-C** C-0 to D-1



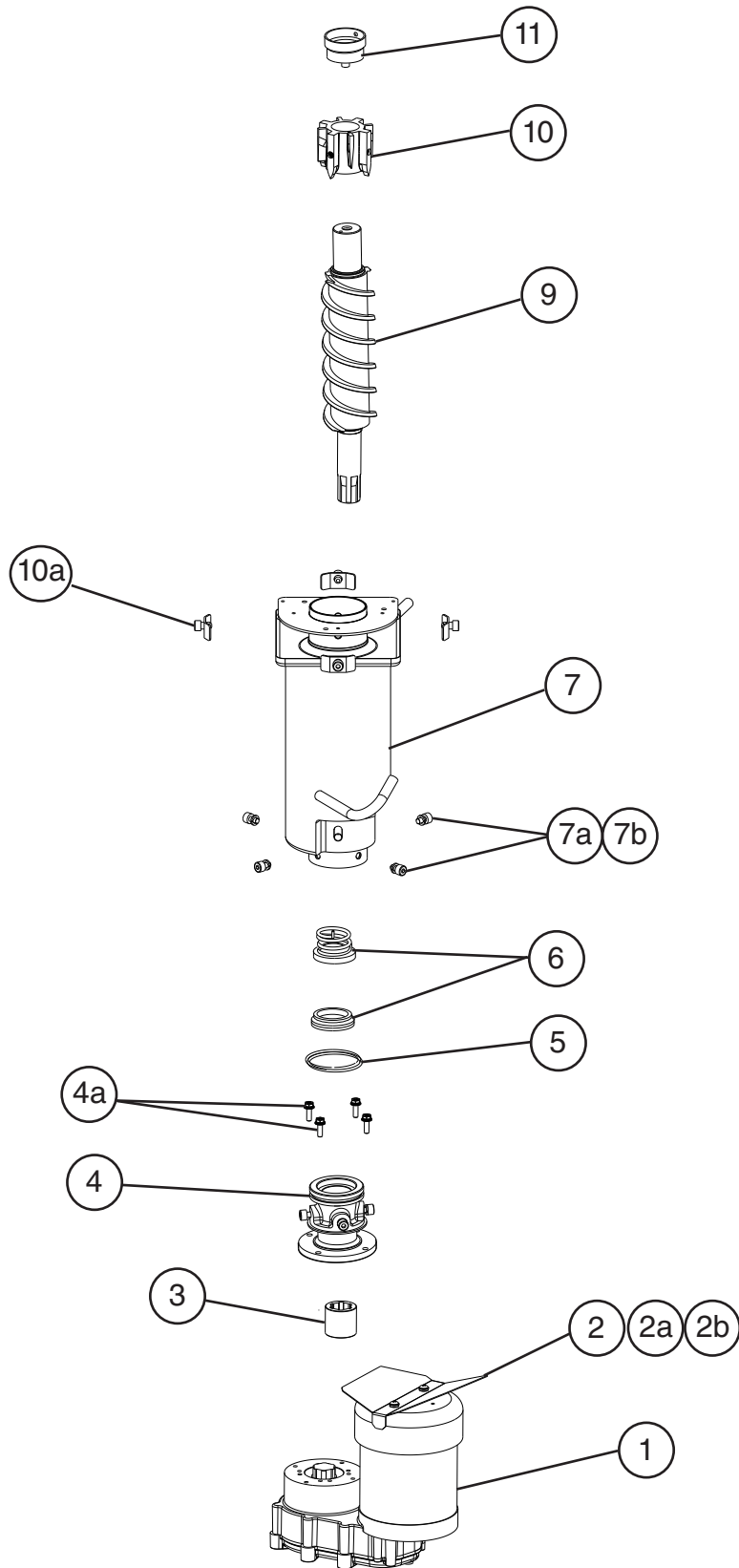
| Title: A. Main Assembly & Refrigeration Circuit    Model: FD-650MWH-C |                                          |                          |             |            |                 |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------|------------------------------------------|--------------------------|-------------|------------|-----------------|--|--|--|--|--|--|--|--|
| Index No.                                                             | Description                              | Material or Model Number | Part Number | C-0 to D-1 | Required Number |  |  |  |  |  |  |  |  |
|                                                                       |                                          |                          |             |            |                 |  |  |  |  |  |  |  |  |
| Main Assembly                                                         |                                          |                          |             |            |                 |  |  |  |  |  |  |  |  |
| 1                                                                     | Front Panel                              |                          | 3A5611-13   | 1          |                 |  |  |  |  |  |  |  |  |
| 2                                                                     | Top Panel                                |                          | 2A7090-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 3                                                                     | Right Side Panel                         |                          | 2A4432G01   | 1          |                 |  |  |  |  |  |  |  |  |
| 4                                                                     | Left Side Panel                          |                          | 2A3897G01   | 1          |                 |  |  |  |  |  |  |  |  |
| 5                                                                     | Control Box Cover                        |                          | 3A0411-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 6                                                                     | Junction Box Cover                       |                          | 433410-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 7                                                                     | Spout                                    |                          | 104797-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 7a                                                                    | Thumbscrew                               |                          | 415949G12   | 5          |                 |  |  |  |  |  |  |  |  |
| 8                                                                     | O-Ring                                   |                          | 4A4755-03   | 1          |                 |  |  |  |  |  |  |  |  |
| 9                                                                     | Nylon Ring                               |                          | 432661-02   | 1          |                 |  |  |  |  |  |  |  |  |
| 10                                                                    | Spout-to-Chute Packing                   |                          | 321037-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 11                                                                    | Upper Strap                              |                          | 328703-02   | 1          |                 |  |  |  |  |  |  |  |  |
| 11a                                                                   | Wing Nut                                 |                          | 7E12-0600   | 2          |                 |  |  |  |  |  |  |  |  |
| 12                                                                    | Lower Strap                              |                          | 321038G02   | 1          |                 |  |  |  |  |  |  |  |  |
| 13                                                                    | Chute                                    |                          | 2A1919-03   | 1          |                 |  |  |  |  |  |  |  |  |
| 14                                                                    | Chute Insulation                         |                          | 2A1920-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 15                                                                    | Chute Tie                                |                          | 436531G01   | 3          |                 |  |  |  |  |  |  |  |  |
| 16                                                                    | Chute Packing                            |                          | 432877-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 17                                                                    | Ring                                     |                          | 3A1017-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 18                                                                    | Bin Control Housing (infrared sensor)    |                          | 3A3478-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 18a                                                                   | Thumbscrew                               |                          | 415949G12   | 1          |                 |  |  |  |  |  |  |  |  |
| 19                                                                    | Bin Control (infrared sensor)            |                          | 4A4469-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 20                                                                    | Spout-to-Chute Bracket                   |                          | 4A1712-01   | 1          |                 |  |  |  |  |  |  |  |  |
| Refrigeration Circuit                                                 |                                          |                          |             |            |                 |  |  |  |  |  |  |  |  |
| 21                                                                    | Compressor                               |                          | 4A5090-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 22                                                                    | Condenser                                |                          | 3A7321-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 23                                                                    | Thermostatic Expansion Valve             |                          | 4A1117-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 24                                                                    | Thermostatic Expansion Valve Cover       |                          | 4A1168-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 25                                                                    | Thermostatic Expansion Valve Bulb Holder |                          | 4A5641-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 26                                                                    | Water Regulating Valve                   |                          | 4A0911-06   | 1          |                 |  |  |  |  |  |  |  |  |
| 27                                                                    | Male Connector                           |                          | 4A1087-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 28                                                                    | High-Pressure Switch                     |                          | 463180-05   | 1          |                 |  |  |  |  |  |  |  |  |
| 29                                                                    | Drier                                    |                          | 4A1113-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 30                                                                    | Heat Exchanger                           |                          | 2A7045G01   | 1          |                 |  |  |  |  |  |  |  |  |

# **A. Main Assembly & Refrigeration Circuit** **FD-650MRH-C** C-0 to E-0

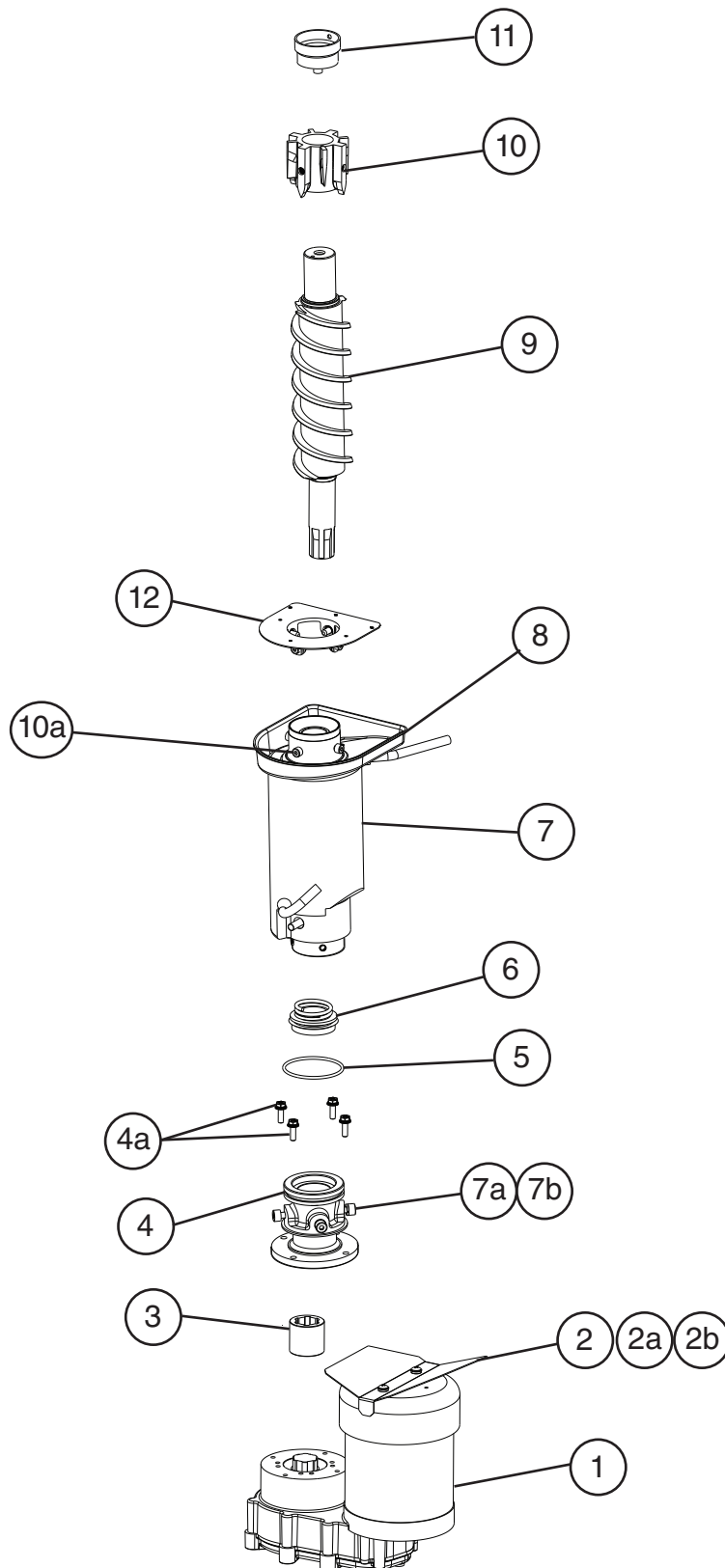


| Title: A. Main Assembly & Refrigeration Circuit    Model: FD-650MRH-C |                                          |                          |             |            |                 |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------|------------------------------------------|--------------------------|-------------|------------|-----------------|--|--|--|--|--|--|--|--|
| Index No.                                                             | Description                              | Material or Model Number | Part Number | C-0 to E-0 | Required Number |  |  |  |  |  |  |  |  |
|                                                                       |                                          |                          |             |            |                 |  |  |  |  |  |  |  |  |
| Main Assembly                                                         |                                          |                          |             |            |                 |  |  |  |  |  |  |  |  |
| 1                                                                     | Front Panel                              |                          | 2A4601-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 2                                                                     | Top Panel                                |                          | 2A7090-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 3                                                                     | Right Side Panel                         |                          | 2A4432G01   | 1          |                 |  |  |  |  |  |  |  |  |
| 4                                                                     | Left Side Panel                          |                          | 2A3897G01   | 1          |                 |  |  |  |  |  |  |  |  |
| 5                                                                     | Control Box Cover                        |                          | 3A0411-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 6                                                                     | Junction Box Cover                       |                          | 433410-01   | 2          |                 |  |  |  |  |  |  |  |  |
| 7                                                                     | Spout                                    |                          | 104797-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 7a                                                                    | Thumbscrew                               |                          | 415949G12   | 5          |                 |  |  |  |  |  |  |  |  |
| 8                                                                     | O-Ring                                   |                          | 4A4755-03   | 1          |                 |  |  |  |  |  |  |  |  |
| 9                                                                     | Nylon Ring                               |                          | 432661-02   | 1          |                 |  |  |  |  |  |  |  |  |
| 10                                                                    | Spout-to-Chute Packing                   |                          | 321037-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 11                                                                    | Upper Spout Strap                        |                          | 328703-02   | 1          |                 |  |  |  |  |  |  |  |  |
| 11a                                                                   | Wing Nut                                 | M6, SS                   | 7E12-0600   | 2          |                 |  |  |  |  |  |  |  |  |
| 12                                                                    | Lower Spout Strap                        |                          | 321038G02   | 1          |                 |  |  |  |  |  |  |  |  |
| 13                                                                    | Chute                                    |                          | 2A1919-03   | 1          |                 |  |  |  |  |  |  |  |  |
| 14                                                                    | Chute Insulation                         |                          | 2A1920-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 15                                                                    | Chute Tie                                |                          | 436531G01   | 3          |                 |  |  |  |  |  |  |  |  |
| 16                                                                    | Chute Packing                            |                          | 432877-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 17                                                                    | Ring                                     |                          | 3A1017-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 18                                                                    | Bin Control Housing (infrared sensor)    |                          | 3A3478-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 18a                                                                   | Thumbscrew                               |                          | 415949G12   | 1          |                 |  |  |  |  |  |  |  |  |
| 19                                                                    | Bin Control (infrared sensor)            |                          | 4A4469-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 20                                                                    | Spout-to-Chute Bracket                   |                          | 4A1712-01   | 1          |                 |  |  |  |  |  |  |  |  |
| Refrigeration Circuit                                                 |                                          |                          |             |            |                 |  |  |  |  |  |  |  |  |
| 21                                                                    | Compressor                               |                          | 4A5090-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 22                                                                    | Crankcase Heater                         |                          | 4A5091-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 23                                                                    | Accumulator                              |                          | 3A6803-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 23a                                                                   | Bolts                                    |                          | 7B0230512   | 2          |                 |  |  |  |  |  |  |  |  |
| 24                                                                    | Thermostatic Expansion Valve             |                          | 4A3493-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 25                                                                    | Thermostatic Expansion Valve Cover       |                          | 4A1168-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 26                                                                    | Thermostatic Expansion Valve Bulb Holder |                          | 4A5641-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 27                                                                    | High-Pressure Switch                     |                          | 463180-04   | 1          |                 |  |  |  |  |  |  |  |  |
| 28                                                                    | Discharge Line Coupling                  |                          | 434132G01   | 1          |                 |  |  |  |  |  |  |  |  |
| 29                                                                    | Liquid Line Coupling                     |                          | 433751G01   | 1          |                 |  |  |  |  |  |  |  |  |
| 30                                                                    | Drier                                    |                          | 4A1338-01   | 1          |                 |  |  |  |  |  |  |  |  |
| 31                                                                    | Reciever                                 |                          | 437596-01   | 1          |                 |  |  |  |  |  |  |  |  |

**B. Icemaking Unit**  
**FD-650M\_H-C**  
C-0 to D-0

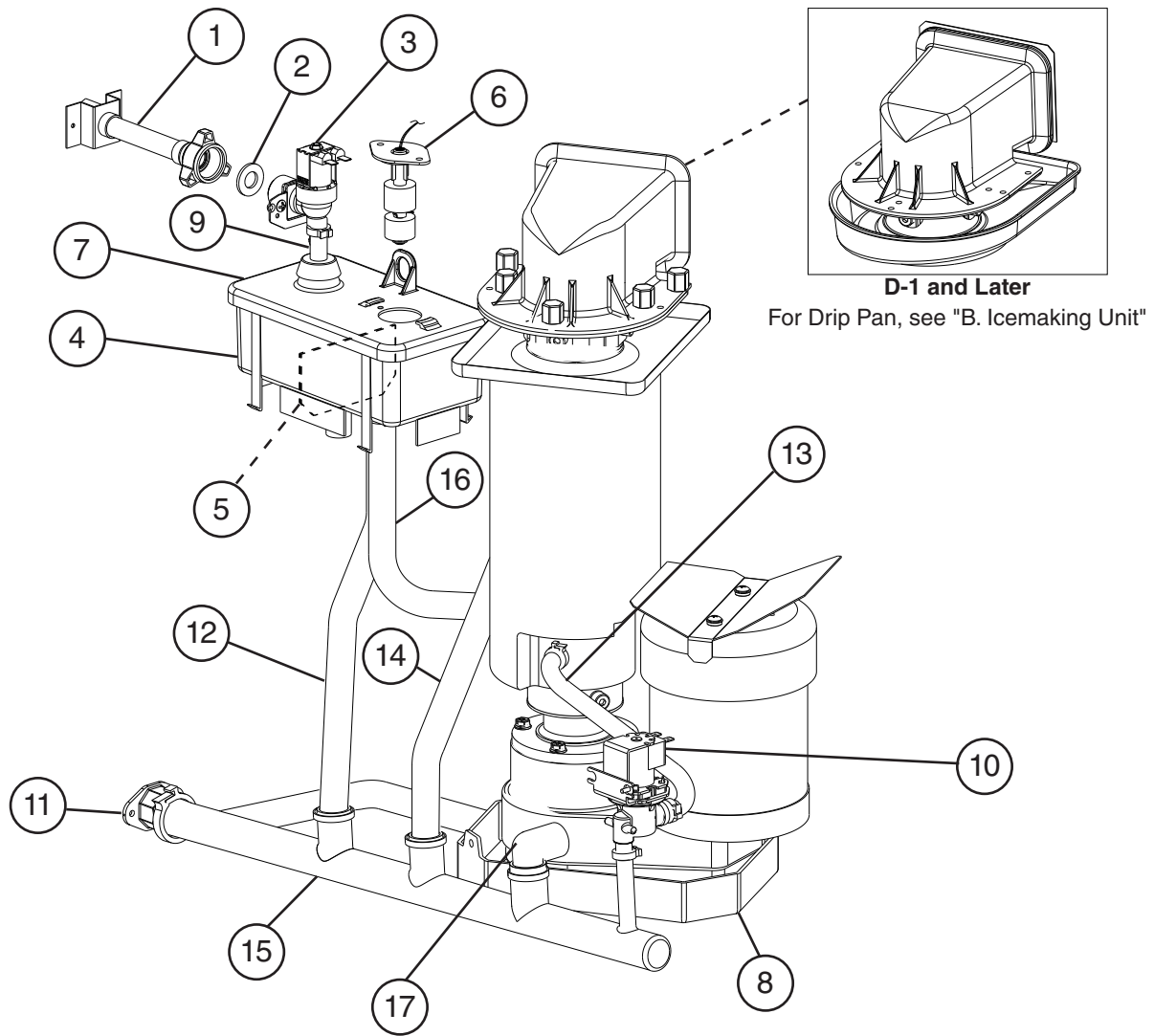


**B. Icemaking Unit**  
**FD-650M\_H-C**  
D-1, E-0



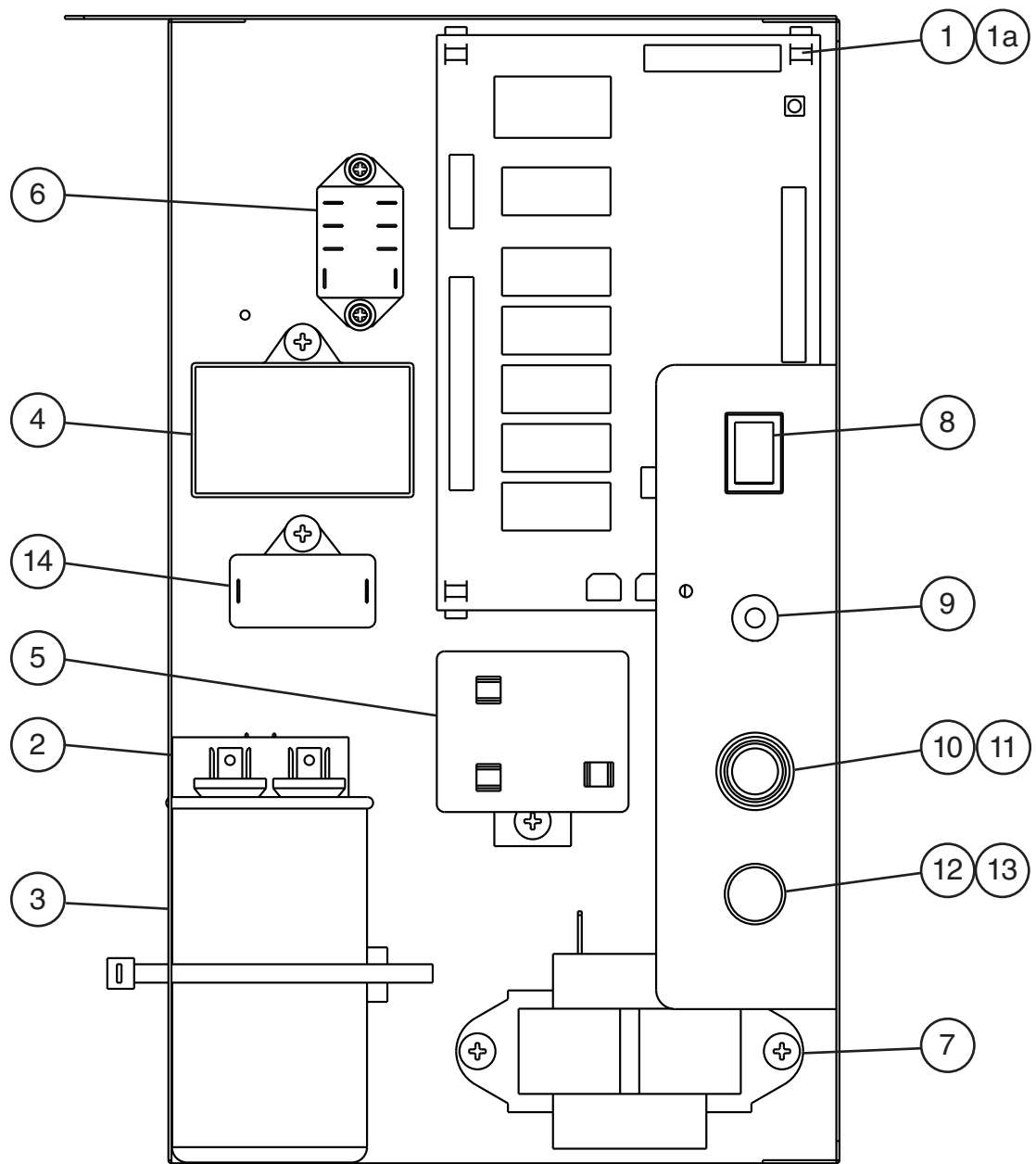
| Title: B. Icemaking Unit    Model: FD-650M_H-C |                       |                          |             |                 |         |  |  |  |  |  |  |  |
|------------------------------------------------|-----------------------|--------------------------|-------------|-----------------|---------|--|--|--|--|--|--|--|
| Index No.                                      | Description           | Material or Model Number | Part Number | Required Number |         |  |  |  |  |  |  |  |
|                                                |                       |                          |             | C-0 to D-0      | D-1 E-0 |  |  |  |  |  |  |  |
| 1                                              | Gear Motor            |                          | 4A5650-01   | 1               | 1       |  |  |  |  |  |  |  |
| 2                                              | Gear Motor Cover      |                          | 3A4584-01   | 1               | 1       |  |  |  |  |  |  |  |
| 2a                                             | Truss Head Screw      |                          | 7C32-0408   | 2               | 2       |  |  |  |  |  |  |  |
| 2b                                             | Rubber Washer         |                          | 4A5268-01   | 2               | 2       |  |  |  |  |  |  |  |
| 3                                              | Spline Coupling       |                          | 4A3204-01   | 1               | 1       |  |  |  |  |  |  |  |
| 4                                              | Housing               |                          | 2A0947-01   | 1               | 1       |  |  |  |  |  |  |  |
| 4a                                             | Hex Bolt              | 6x20, SS                 | 4A1989-01   | 4               | 4       |  |  |  |  |  |  |  |
| 5                                              | O-Ring                |                          | 4A4755-02   | 1               | 1       |  |  |  |  |  |  |  |
| 6                                              | Mechanical Seal       |                          | 432492-01   | 1               | 1       |  |  |  |  |  |  |  |
| 7                                              | Evaporator            |                          | 2A3312G01   | 1               | -       |  |  |  |  |  |  |  |
|                                                |                       |                          | 2A7209G01   |                 | 1       |  |  |  |  |  |  |  |
| 7a                                             | Socket Head Cap Screw |                          | 7S12-0812   | 4               | 4       |  |  |  |  |  |  |  |
| 7b                                             | Split Lock Washer     |                          | 7L220800    | 4               | 4       |  |  |  |  |  |  |  |
| 8                                              | Drip Pan              |                          | 2A7187-01   |                 | 1       |  |  |  |  |  |  |  |
| 9                                              | Auger                 |                          | 120863G02   | 1               | 1       |  |  |  |  |  |  |  |
| 10                                             | Extruding Head        |                          | 3A2176G01   | 1               | 1       |  |  |  |  |  |  |  |
| 10a                                            | Seal Bolt             |                          | P01768-01   | 4               | 4       |  |  |  |  |  |  |  |
| 11                                             | Cutter                |                          | 427183G01   | 1               | 1       |  |  |  |  |  |  |  |
| 12                                             | Flange                |                          | 352713-01   |                 | 1       |  |  |  |  |  |  |  |

**C. Water Circuit**  
**FD-650M\_H-C**  
C-0 to E-0



| Title: C. Water Circuit    Model: FD-650M_H-C |                                   |                          |             |                 |         |  |  |  |  |  |  |  |
|-----------------------------------------------|-----------------------------------|--------------------------|-------------|-----------------|---------|--|--|--|--|--|--|--|
| Index No.                                     | Description                       | Material or Model Number | Part Number | Required Number |         |  |  |  |  |  |  |  |
|                                               |                                   |                          |             | C-0 to D-0      | D-1 E-0 |  |  |  |  |  |  |  |
| 1                                             | Water Supply Pipe                 |                          | 4A4026G02   | 1               | 1       |  |  |  |  |  |  |  |
| 2                                             | Rubber Gasket                     |                          | 413854-03   | 1               | 1       |  |  |  |  |  |  |  |
| 3                                             | Inlet Water Valve                 |                          | 4A5309-01   | 1               | 1       |  |  |  |  |  |  |  |
| 4                                             | Reservoir                         |                          | 2A0753-01   | 1               | 1       |  |  |  |  |  |  |  |
| 5                                             | Reservoir Separator               |                          | 4A1255-01   | 1               | 1       |  |  |  |  |  |  |  |
| 6                                             | Float Switch                      |                          | 435490-01   | 1               | 1       |  |  |  |  |  |  |  |
| 7                                             | Reservoir Cover                   |                          | 214810-01   | 1               | 1       |  |  |  |  |  |  |  |
| 8                                             | Gear Motor Drain Pan              |                          | 4A4354G01   | 1               | 1       |  |  |  |  |  |  |  |
| 9                                             | Reservoir Inlet Hose              |                          | 4A0869-01   | 1               | 1       |  |  |  |  |  |  |  |
| 10                                            | Drain Valve                       |                          | 4A2772-02   | 1               | 1       |  |  |  |  |  |  |  |
| 11                                            | Drain Fitting                     |                          | 4A5528-02   | 1               | 1       |  |  |  |  |  |  |  |
| 12                                            | Overflow Hose (vinyl)             | L=380 mm                 | 7725-1923   | 1               | 1       |  |  |  |  |  |  |  |
| 13                                            | Evaporator Outlet Hose (silicone) | L=250 mm                 | 773013896   | 1               | 1       |  |  |  |  |  |  |  |
| 14                                            | Drip Pan Hose (vinyl)             | L=480 mm                 | 7725-1923   | 1               | -       |  |  |  |  |  |  |  |
|                                               |                                   |                          | 4A0658L01   |                 | 1       |  |  |  |  |  |  |  |
| 15                                            | Drain Hose                        |                          | 3A7748-01   | 1               | -       |  |  |  |  |  |  |  |
|                                               |                                   |                          | 3A8195-01   |                 | 1       |  |  |  |  |  |  |  |
| 16                                            | Reservoir Outlet Hose             |                          | 4A1165-06   | 1               | 1       |  |  |  |  |  |  |  |
| 17                                            | Elbow                             |                          | 4A5624-01   | 1               | 1       |  |  |  |  |  |  |  |
|                                               |                                   |                          |             |                 |         |  |  |  |  |  |  |  |
|                                               |                                   |                          |             |                 |         |  |  |  |  |  |  |  |
| Hose Clamps                                   |                                   |                          |             |                 |         |  |  |  |  |  |  |  |
|                                               | Hose Clamp                        | 33 mm                    | 4A2017-03   | 1               | 1       |  |  |  |  |  |  |  |
|                                               | Hose Clamp                        | 18 mm                    | 4A2017-05   | 1               | 1       |  |  |  |  |  |  |  |
|                                               | Hose Clamp                        | 20 mm                    | 4A2017-06   | 1               | 1       |  |  |  |  |  |  |  |
|                                               | Hose Clamp                        | 14 mm                    | 4A2017-08   | 4               | 4       |  |  |  |  |  |  |  |

**D. Control Box Assembly**  
**FD-650M\_H-C**  
 C-0 to E-0

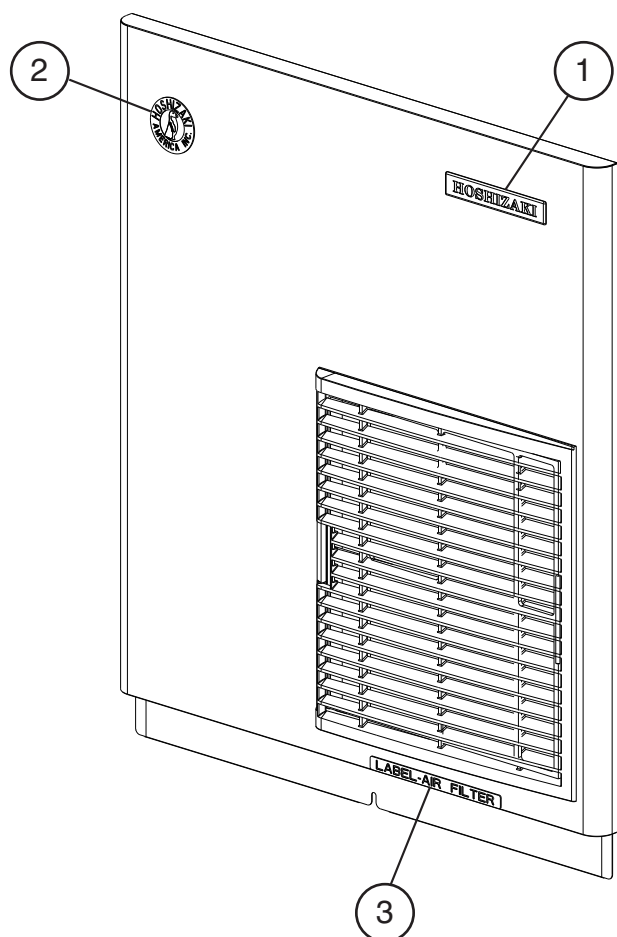


| Title: D. Control Box Assembly    Model: FD-650M_H-C |                          |                                    |             |            |                 |  |  |  |  |  |  |  |
|------------------------------------------------------|--------------------------|------------------------------------|-------------|------------|-----------------|--|--|--|--|--|--|--|
| Index No.                                            | Description              | Material or Model Number           | Part Number | C-0 to E-0 | Required Number |  |  |  |  |  |  |  |
|                                                      |                          |                                    |             |            |                 |  |  |  |  |  |  |  |
| 1                                                    | F-A Control Board        |                                    | 2A4296-01   | 1          |                 |  |  |  |  |  |  |  |
| 1a                                                   | Control Board Support    |                                    | 4A0336-03   | 4          |                 |  |  |  |  |  |  |  |
| 2                                                    | Start Capacitor          | 243-292MFD, 165VAC                 | 3A0076-20   | 1          |                 |  |  |  |  |  |  |  |
| 3                                                    | Run Capacitor            | 35MFD, 440VAC                      | 3A2005-12   | 1          |                 |  |  |  |  |  |  |  |
| 4                                                    | Gear Motor Capacitor     | 20MFD, 350VAC                      | 443192-01   | 1          |                 |  |  |  |  |  |  |  |
| 5                                                    | Start Relay              | <b>FD-650MAH-C</b>                 | 4A1107-11   | 1          |                 |  |  |  |  |  |  |  |
|                                                      |                          | <b>FD-650MWH-C</b>                 | 4A1107-18   | 1          |                 |  |  |  |  |  |  |  |
|                                                      |                          | <b>FD-650MRH-C</b>                 |             |            |                 |  |  |  |  |  |  |  |
| 6                                                    | Compressor Control Relay | 120VAC                             | 406132-07   | 1          |                 |  |  |  |  |  |  |  |
| 7                                                    | Control Transformer      |                                    | 4A0557-01   | 1          |                 |  |  |  |  |  |  |  |
| 8                                                    | Control Switch           |                                    | 4A0558-01   | 1          |                 |  |  |  |  |  |  |  |
| 9                                                    | Power Switch             |                                    | 4A2332-01   | 1          |                 |  |  |  |  |  |  |  |
| 10                                                   | Fuse Holder (control)    |                                    | 4A5443-01   | 1          |                 |  |  |  |  |  |  |  |
| 11                                                   | Fuse (control)           | AGC-1A, 250VAC                     | 4A0893-01   | 1          |                 |  |  |  |  |  |  |  |
| 12                                                   | Fuse Holder (gear motor) |                                    | 4A3449-02   | 1          |                 |  |  |  |  |  |  |  |
| 13                                                   | Fuse (gear motor)        | GMD-2A, 250VAC<br>Slow Blow        | 4A0893-05   | 1          |                 |  |  |  |  |  |  |  |
| 14                                                   | Fan Motor Capacitor      | <b>FD-650MAH-C</b><br>5MFD, 250VAC | 443192-02   | 1          |                 |  |  |  |  |  |  |  |

## E. Accessories & Labels

### FD-650M\_H-C

C-0 to E-0



| Title: E. Accessories & Labels    Model: FD-650M_H-C |                        |                          |             |                 |         |  |  |  |  |  |  |
|------------------------------------------------------|------------------------|--------------------------|-------------|-----------------|---------|--|--|--|--|--|--|
| Index No.                                            | Description            | Material or Model Number | Part Number | Required Number |         |  |  |  |  |  |  |
|                                                      |                        |                          |             | C-0 to D-0      | D-1 E-0 |  |  |  |  |  |  |
| 1                                                    | Hoshizaki Emblem Label |                          | 4A0560-01   | 1               | 1       |  |  |  |  |  |  |
| 2                                                    | Penguin Label          |                          | 456246-01   | 1               | 1       |  |  |  |  |  |  |
| 3                                                    | Air Filter Label       | <b>FD-650MAH-C</b>       | 426177-01   | 1               | -       |  |  |  |  |  |  |
| 4                                                    | Universal Brace        |                          | 4A0363-01   | 2               | 2       |  |  |  |  |  |  |
| 4a                                                   | Hex Head Bolt          | 5x12, SS                 | 7B02-0512   | 2               | 2       |  |  |  |  |  |  |