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|----------|---------------|
| No.      | F082-3692     |
| ISSUED:  | Apr. 5, 2012  |
| REVISED: | Dec. 14, 2015 |



# **HOSHIZAKI SELF-CONTAINED FLAKER**

**MODEL    FM-480AKE(-SB)  
              FM-480AKE-N(-SB)**

**(F082, F082-C101, F082-C106,  
F082-C107, F082-C130, F082-C131)**

## **PARTS LIST (HE)**

B-1    APR. 2012  
C-0    JAN. 2013  
D-0    JAN. 2014  
D-1    JAN. 2014  
E-0    JAN. 2015  
E-2    SEP. 2015

## List of Specifications

|                |           |                                     |
|----------------|-----------|-------------------------------------|
| FM-480AKE      | F082      | 50Hz                                |
|                | F082-C130 | 60Hz                                |
| FM-480AKE-SB   | F082-C101 | 50Hz, Chasiss : SUS304              |
| FM-480AKE-N    | F082-C106 | 50Hz, Nugget type                   |
|                | F082-C131 | 60Hz, Nugget type                   |
| FM-480AKE-N-SB | F082-C107 | 50Hz, Nugget type, Chasiss : SUS304 |

## Auxiliary Codes

### 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

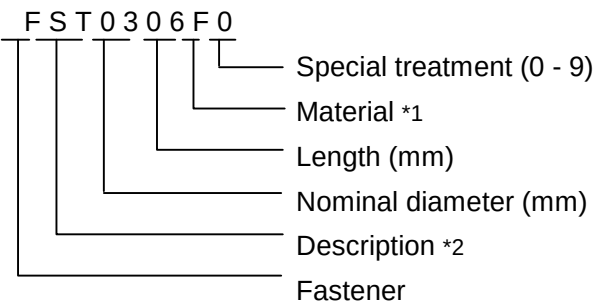
Most assemblies cannot be ordered as complete units; parts in the assemblies generally must be ordered separately.

MARKS LOCATED UNDER THE AUXILIARY CODE

- = Part deleted.
- x = Part deleted and replaced by "o" part.
- o = New part in place of "x" part.

FASTENER PART NUMBER

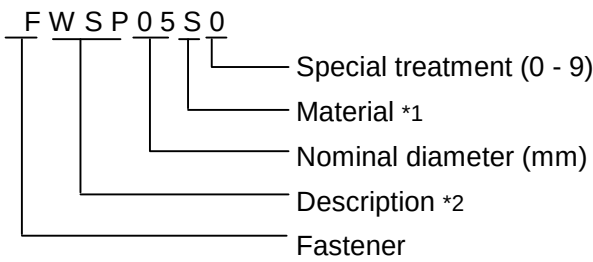
SCREWS



\*1

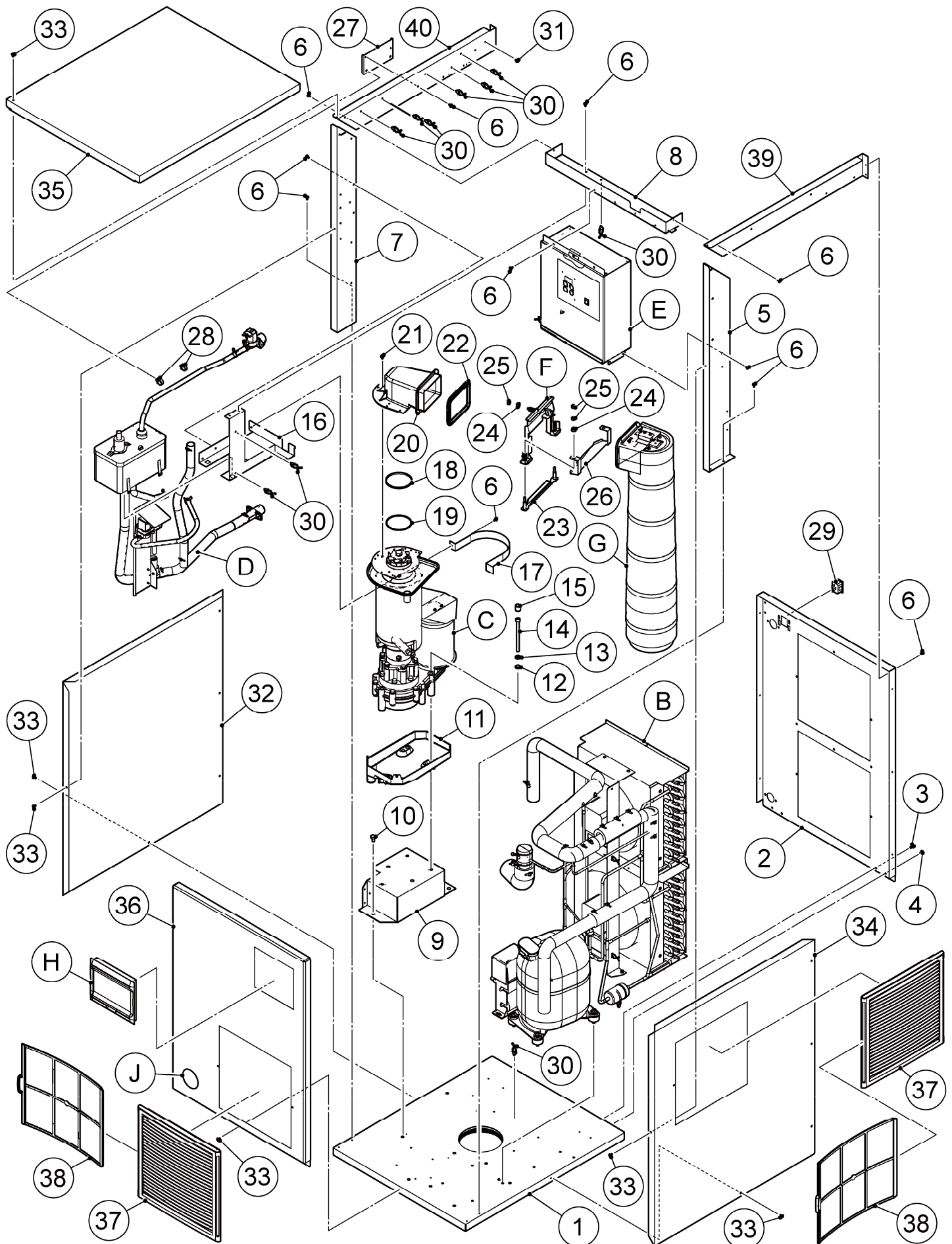
- F: Steel
- S: Austenitic stainless steel
- M: Martensitic stainless steel
- B: Copper alloy
- P: Polycarbonate
- N: Polyamide
- V: PVC
- A: ABS
- X: Polyacetal
- L: Aluminum

NUTS & WASHERS



\*2

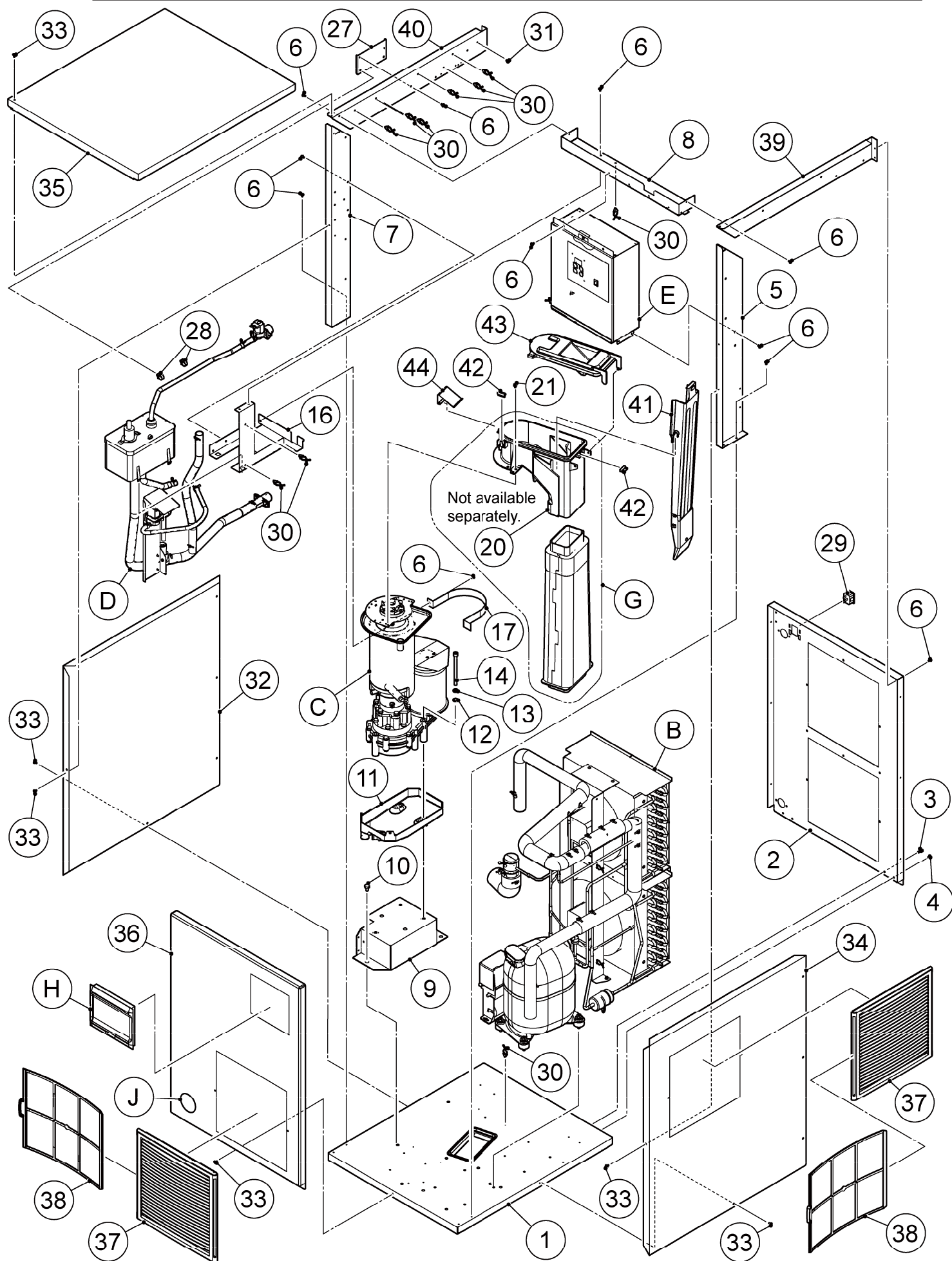
- First letter
- S: Machine screw
- T: Tapping screw
- M: Wood screw
- B: Bolt
- W: Washer
- N: Nut



FM-480AKE (-SB)  
FM-480AKE-N (-SB)

A. ICE FLAKER ASSY

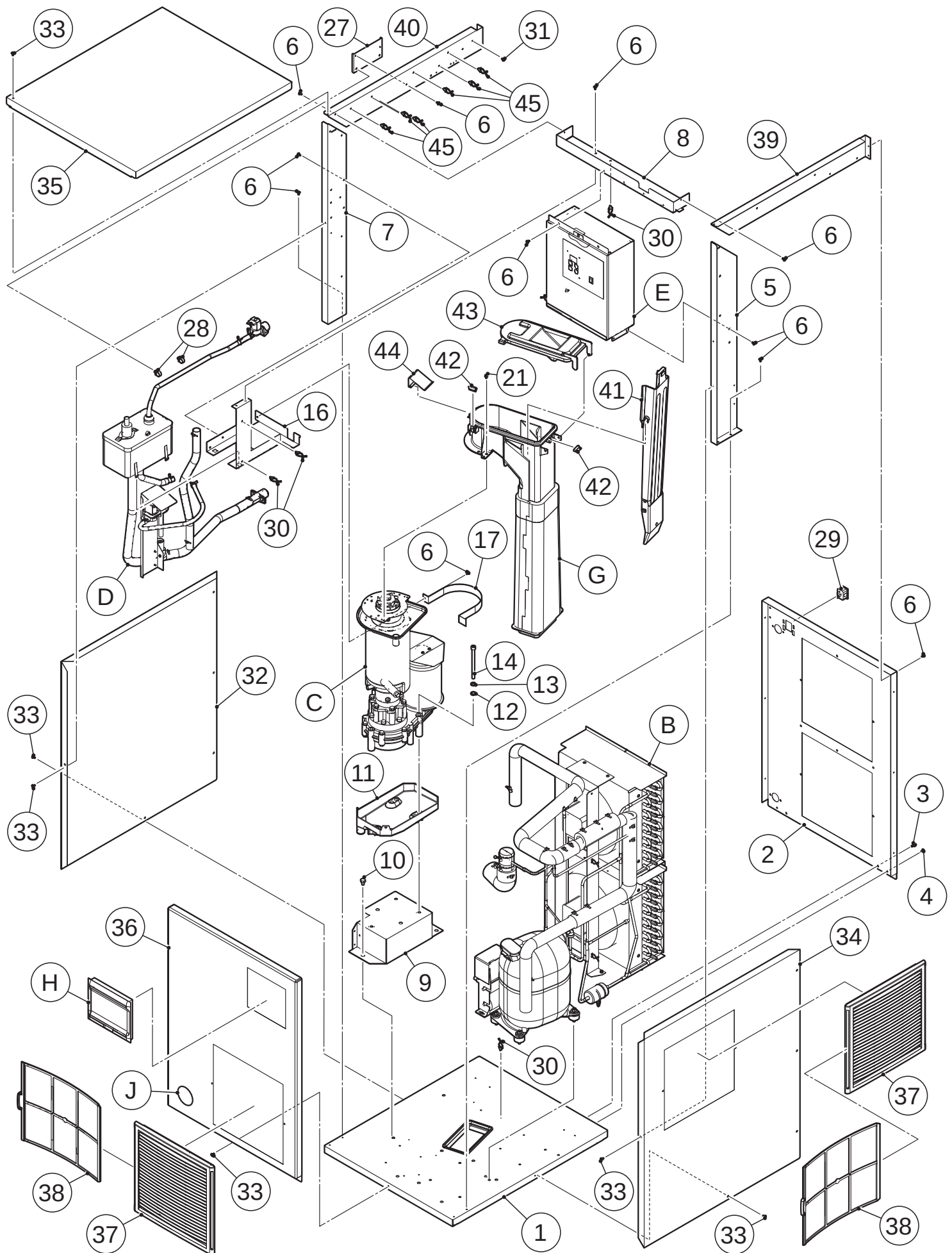
(D-1) to (E-1)



FM-480AKE-N (-SB)

### A. ICE FLAKER ASSY

(E-2) and later



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| MODEL: FM-480AKE (-SB)    |                                               |                                                                                                            |             |              |            |     |  |  |
|---------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------|--------------|------------|-----|--|--|
| TITLE: A. ICE FLAKER ASSY |                                               |                                                                                                            |             |              |            |     |  |  |
| FM-480AKE-N (-SB)         |                                               |                                                                                                            |             |              |            |     |  |  |
| INDEX NO.                 | DESCRIPTION                                   | MATERIAL OR MODEL NUMBER                                                                                   | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                           |                                               |                                                                                                            |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| B                         | REFRIGERATION CIRCUIT                         |                                                                                                            | 121829A01   | 1            | -          | -   |  |  |
|                           |                                               |                                                                                                            | 122468A01   | -            | 1          | 1   |  |  |
|                           |                                               | 60Hz<br>F082-C130, F082-C131                                                                               | 121829001   | 1            | -          | -   |  |  |
|                           |                                               |                                                                                                            | 122468001   | -            | 1          | 1   |  |  |
| C                         | ICE MAKING UNIT                               |                                                                                                            | 261985A01   | 1            | -          | -   |  |  |
|                           |                                               |                                                                                                            | 264097A01   | -            | 1          | 1   |  |  |
|                           |                                               | NUGGET<br>F082-C106, F082-C131                                                                             | 261985A04   | 1            | -          | -   |  |  |
|                           |                                               |                                                                                                            | 264097A08   | -            | 1          | 1   |  |  |
|                           |                                               | NUGGET, SUS304<br>F082-C107                                                                                |             | -            | 1          | 1   |  |  |
| D                         | WATER CIRCUIT                                 |                                                                                                            | 121788A01   | 1            | -          | -   |  |  |
|                           |                                               |                                                                                                            | 122466A01   | -            | 1          | 1   |  |  |
| E                         | CONTROL BOX ASSY                              |                                                                                                            | 262070A02   | 1            | 1          | 1   |  |  |
| F                         | BAND ASSY                                     |                                                                                                            | S-9165      | 1            | -          | -   |  |  |
| G                         | CHUTE ASSY                                    |                                                                                                            | 113006A01   | 1            | -          | -   |  |  |
|                           |                                               | Integrated with 20.SPOUT - 70<br>Not available separately.<br>Order G.SPOUT ASSY - CHUTE 70<br>(268065A02) |             | -            | 1          | -   |  |  |
|                           |                                               | SPOUT ASSY - CHUTE 70                                                                                      | 268065A02   | -            | -          | 1   |  |  |
| H                         | WINDW PANEL ASSY                              |                                                                                                            | 348243A03   | 1            | 1          | 1   |  |  |
| J                         | LABEL LOCATION                                |                                                                                                            | 262072A03   | 1            | 1          | 1   |  |  |
|                           |                                               | NUGGET<br>F082-C106                                                                                        | 262072A04   | 1            | 1          | 1   |  |  |
|                           |                                               | 60Hz<br>F082-C130                                                                                          | 262072A05   | 1            | 1          | 1   |  |  |
|                           |                                               | 60Hz,NUGGET<br>F082-C131                                                                                   | 262072A06   | 1            | 1          | 1   |  |  |
| M                         | ACCESSORIES                                   |                                                                                                            | A02525-01   | 1            | 1          | 1   |  |  |
|                           |                                               |                                                                                                            |             |              |            |     |  |  |
| 1                         | CHASSIS                                       |                                                                                                            | 262080G01   | 1            | -          | -   |  |  |
|                           |                                               |                                                                                                            | 264141G01   | -            | 1          | 1   |  |  |
|                           |                                               | SUS304<br>F082-C101, F082-C107                                                                             | 266082G01   | -            | 1          | 1   |  |  |
| 2                         | REAR PANEL                                    |                                                                                                            | 121828M01   | 1            | 1          | 1   |  |  |
| 3                         | HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER) |                                                                                                            | FBK0512S0   | 2            | 2          | 2   |  |  |
| 4                         | T2 TRUSS HEAD SCREW                           |                                                                                                            | FT20408F0   | 2            | 2          | 2   |  |  |

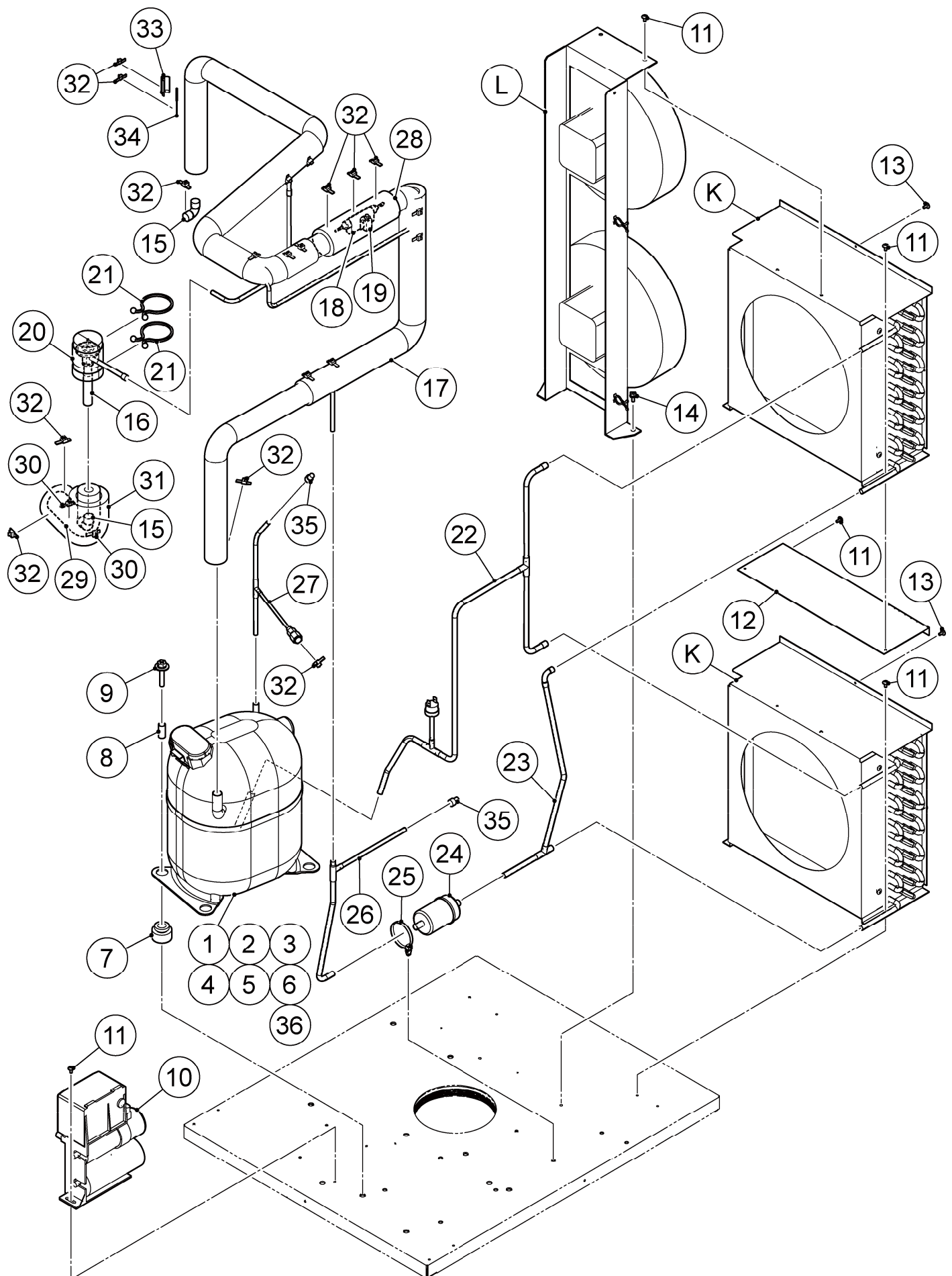
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| MODEL: <b>FM-480AKE (-SB)</b><br><b>FM-480AKE-N (-SB)</b> |                                               |                                                                                          |             |              |            |     |  |  |
|-----------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------|-------------|--------------|------------|-----|--|--|
| TITLE: <b>A. ICE FLAKER ASSY</b>                          |                                               |                                                                                          |             |              |            |     |  |  |
| INDEX NO.                                                 | DESCRIPTION                                   | MATERIAL OR MODEL NUMBER                                                                 | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                                                           |                                               |                                                                                          |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| 5                                                         | SIDE FRAME (R1)                               |                                                                                          | 264212M01   | 1            | 1          | 1   |  |  |
| 6                                                         | TRUSS HEAD MACHINE SCREW                      |                                                                                          | FST0408F0   | 23           | 23         | 23  |  |  |
| 7                                                         | SIDE FRAME (L1)                               |                                                                                          | 264214M01   | 1            | 1          | 1   |  |  |
| 8                                                         | FRONT FRAME                                   |                                                                                          | 261984M01   | 1            | 1          | 1   |  |  |
| 9                                                         | BRACKET - GEAR MOTOR                          |                                                                                          | 373520G01   | 1            | -          | -   |  |  |
|                                                           |                                               |                                                                                          | 374371G01   | -            | 1          | 1   |  |  |
| 10                                                        | HEX HEAD BOLT                                 |                                                                                          | FBH0812S0   | 3            | 3          | 3   |  |  |
| 11                                                        | DRAIN PAN                                     |                                                                                          | 261640P01   | 1            | 1          | 1   |  |  |
| 12                                                        | SEAL WASHER                                   |                                                                                          | 458299-01   | 3            | 3          | 3   |  |  |
| 13                                                        | SPRING WASHER                                 |                                                                                          | FWSP08S0    | 3            | 3          | 3   |  |  |
| 14                                                        | HEXAGON SOCKET HEAD CAP SCREW                 |                                                                                          | 461285-01   | 3            | 3          | 3   |  |  |
| 15                                                        | VINYL CAP                                     |                                                                                          | 451272-01   | 3            | -          | -   |  |  |
| 16                                                        | BRACKET-RESERVOIR                             |                                                                                          | 261986M01   | 1            | -          | -   |  |  |
|                                                           |                                               |                                                                                          | 264139M01   | -            | 1          | 1   |  |  |
| 17                                                        | BAND                                          |                                                                                          | 475195M01   | 1            | 1          | 1   |  |  |
| 18                                                        | RING                                          |                                                                                          | 432661-02   | 1            | -          | -   |  |  |
| 19                                                        | O - RING                                      |                                                                                          | 7616-G070   | 1            | -          | -   |  |  |
| 20                                                        | SPOUT                                         |                                                                                          | 104797-01   | 1            | -          | -   |  |  |
|                                                           | SPOUT - 70                                    | Integrated with CHUTE<br>Not available separately.<br>Order SPOUT - CHUTE 70 (268064G02) |             | -            | 1          | -   |  |  |
| 21                                                        | HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER) |                                                                                          | FBK0408S0   | 3            | -          | -   |  |  |
|                                                           |                                               |                                                                                          | FBK0412S0   | -            | 3          | 3   |  |  |
| 22                                                        | PACKING                                       |                                                                                          | 454256-01   | 1            | -          | -   |  |  |
| 23                                                        | BAND (B)                                      |                                                                                          | 459995G01   | 1            | -          | -   |  |  |
| 24                                                        | FLANGE NUT                                    |                                                                                          | FNHF06S0    | 3            | -          | -   |  |  |
| 25                                                        | NUT                                           |                                                                                          | FNH106F0    | 5            | -          | -   |  |  |
| 26                                                        | DRIP GUIDE                                    |                                                                                          | 350725-01   | 1            | -          | -   |  |  |
| 27                                                        | BRACKET - WATER SUPPLY                        |                                                                                          | 476650M01   | 1            | 1          | 1   |  |  |
| 28                                                        | CLAMP                                         |                                                                                          | 428644-03   | 2            | 2          | 2   |  |  |
| 29                                                        | CONNECTOR                                     |                                                                                          | P00246-01   | 1            | 1          | 1   |  |  |
| 30                                                        | CLAMP                                         |                                                                                          | 427902-03   | 10           | 10         | 4   |  |  |
| 31                                                        | PAN HEAD SCREW SW                             |                                                                                          | FSK0408S0   | 1            | 1          | 1   |  |  |
| 32                                                        | SIDE PANEL (L)                                |                                                                                          | 261989M01   | 1            | 1          | 1   |  |  |



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| <div> <div>MODEL: FM-480AKE (-SB)</div> <div>TITLE: A. ICE FLAKER ASSY</div> <div>FM-480AKE-N (-SB)</div> </div> |                  |                                             |             |              |            |     |  |  |
|------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------|-------------|--------------|------------|-----|--|--|
| INDEX NO.                                                                                                        | DESCRIPTION      | MATERIAL OR MODEL NUMBER                    | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                                                                                                                  |                  |                                             |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| 33                                                                                                               | TRUSS HEAD SCREW |                                             | FST0408S0   | 12           | 12         | 12  |  |  |
| 34                                                                                                               | SIDE PANEL (R)   |                                             | 263238M01   | 1            | 1          | 1   |  |  |
| 35                                                                                                               | TOP PANEL        |                                             | 261991M01   | 1            | 1          | 1   |  |  |
| 36                                                                                                               | FRONT PANEL (A)  |                                             | 122243G01   | 1            | 1          | 1   |  |  |
| 37                                                                                                               | LOUVER           |                                             | 121931P01   | 2            | 2          | 2   |  |  |
| 38                                                                                                               | AIR FILTER       |                                             | 262259G01   | 2            | 2          | 2   |  |  |
| 39                                                                                                               | SIDE FRAME (R2)  |                                             | 264213M01   | 1            | 1          | 1   |  |  |
| 40                                                                                                               | SIDE FRAME (L2)  |                                             | 264215M01   | 1            | 1          | 1   |  |  |
| 41                                                                                                               | ACTUATOR         |                                             | 382184G02   | -            | 1          | 1   |  |  |
|                                                                                                                  |                  | NUGGET<br>F082-C106, F082-C107<br>F082-C131 | 382184G01   | -            | 1          | 1   |  |  |
| 42                                                                                                               | REED SWITCH      |                                             | P02940-01   | -            | 2          | 2   |  |  |
| 43                                                                                                               | SPOUT COVER - 70 |                                             | 263887G01   | -            | 1          | 1   |  |  |
| 44                                                                                                               | SPRING - SPOUT   |                                             | 478013M01   | -            | 1          | 1   |  |  |
| 45                                                                                                               | CLAMP            |                                             | 427902-02   | -            | -          | 6   |  |  |



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| MODEL: <b>FM-480AKE (-SB)</b><br><b>FM-480AKE-N (-SB)</b> |                                               |                              |             |              |            |     |  |  |
|-----------------------------------------------------------|-----------------------------------------------|------------------------------|-------------|--------------|------------|-----|--|--|
| TITLE: <b>B. REFRIGERATION CIRCUIT</b>                    |                                               |                              |             |              |            |     |  |  |
| INDEX NO.                                                 | DESCRIPTION                                   | MATERIAL OR MODEL NUMBER     | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                                                           |                                               |                              |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| K                                                         | CONDENSER ASSY                                |                              | 376368A01   | 2            | 2          | 2   |  |  |
| L                                                         | FAN MOTOR ASSY                                |                              | 376377A01   | 1            | 1          | 1   |  |  |
|                                                           |                                               |                              |             |              |            |     |  |  |
| 1                                                         | COMPRESSOR                                    | 50Hz                         | P02532-01   | 1            | 1          | 1   |  |  |
|                                                           |                                               | 60Hz<br>F082-C130, F082-C131 | P02693-01   | 1            | 1          | 1   |  |  |
| 2                                                         | CARTON PACKING                                |                              | P02535-01   | 1            | 1          | 1   |  |  |
| 3                                                         | METRIC SCREW                                  |                              | P02657-01   | 1            | 1          | 1   |  |  |
| 4                                                         | PROTECTOR                                     | 50Hz                         | P02534-01   | 1            | 1          | 1   |  |  |
|                                                           |                                               | 60Hz<br>F082-C130, F082-C131 | P02694-01   | 1            | 1          | 1   |  |  |
| 5                                                         | TERMINAL COVER                                |                              | P02536-01   | 1            | 1          | 1   |  |  |
| 6                                                         | OVERLOAD PROTECTORS SPRING                    |                              | P02565-01   | 1            | 1          | 1   |  |  |
| 7                                                         | GROMMET                                       |                              | P00846-01   | 4            | 4          | 4   |  |  |
| 8                                                         | SPACER                                        |                              | P00847-01   | 4            | 4          | 4   |  |  |
| 9                                                         | BOLT                                          |                              | 436206-04   | 4            | 4          | 4   |  |  |
| 10                                                        | BOX WITH ELECTRICAL COMPONENTS                | 50Hz                         | P02533-01   | 1            | 1          | 1   |  |  |
|                                                           |                                               | 60Hz<br>F082-C130, F082-C131 | P02695-01   | 1            | 1          | 1   |  |  |
| 11                                                        | TRUSS HEAD SCREW                              |                              | FST0408F0   | 10           | 10         | 10  |  |  |
| 12                                                        | BRACKET(R) - CONDENSER                        |                              | 476688M01   | 1            | 1          | 1   |  |  |
| 13                                                        | TRUSS HEAD TAPPING SCREW T2                   | 50Hz                         | FT20406F0   | 6            | -          | -   |  |  |
|                                                           | T2 TRUSS HEAD SCREW                           |                              | FT20408F0   | -            | 6          | 6   |  |  |
|                                                           |                                               | 60Hz<br>F082-C130, F082-C131 |             | 6            | 6          | 6   |  |  |
| 14                                                        | HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER) |                              | FBK0512S0   | 2            | 2          | 2   |  |  |
| 15                                                        | ELBOW                                         |                              | 417395-03   | 2            | 2          | 2   |  |  |
| 16                                                        | EXPANSION VALVE                               |                              | 453008-01   | 1            | 1          | 1   |  |  |
| 17                                                        | HEAT EXCHANGER                                |                              | 121838G01   | 1            | -          | -   |  |  |
|                                                           |                                               |                              | 122469G01   | -            | 1          | 1   |  |  |
| 18                                                        | HOLDER - EXP. VALVE 1/2                       |                              | 3A0112-01   | 1            | 1          | 1   |  |  |
| 19                                                        | CLAMP                                         |                              | 443461-01   | 1            | 1          | 1   |  |  |
| 20                                                        | VALVE COVER                                   |                              | 3Y3196P01   | 1            | 1          | 1   |  |  |
| 21                                                        | CLAMP                                         |                              | P00752-01   | 2            | 2          | 2   |  |  |
| 22                                                        | COPPRETUBE (H1)                               |                              | 376378G01   | 1            | 1          | 1   |  |  |
| 23                                                        | COPEERTUBE (H2)                               |                              | 376379G01   | 1            | 1          | 1   |  |  |
| 24                                                        | DRIER                                         |                              | 462965-01   | 1            | 1          | 1   |  |  |

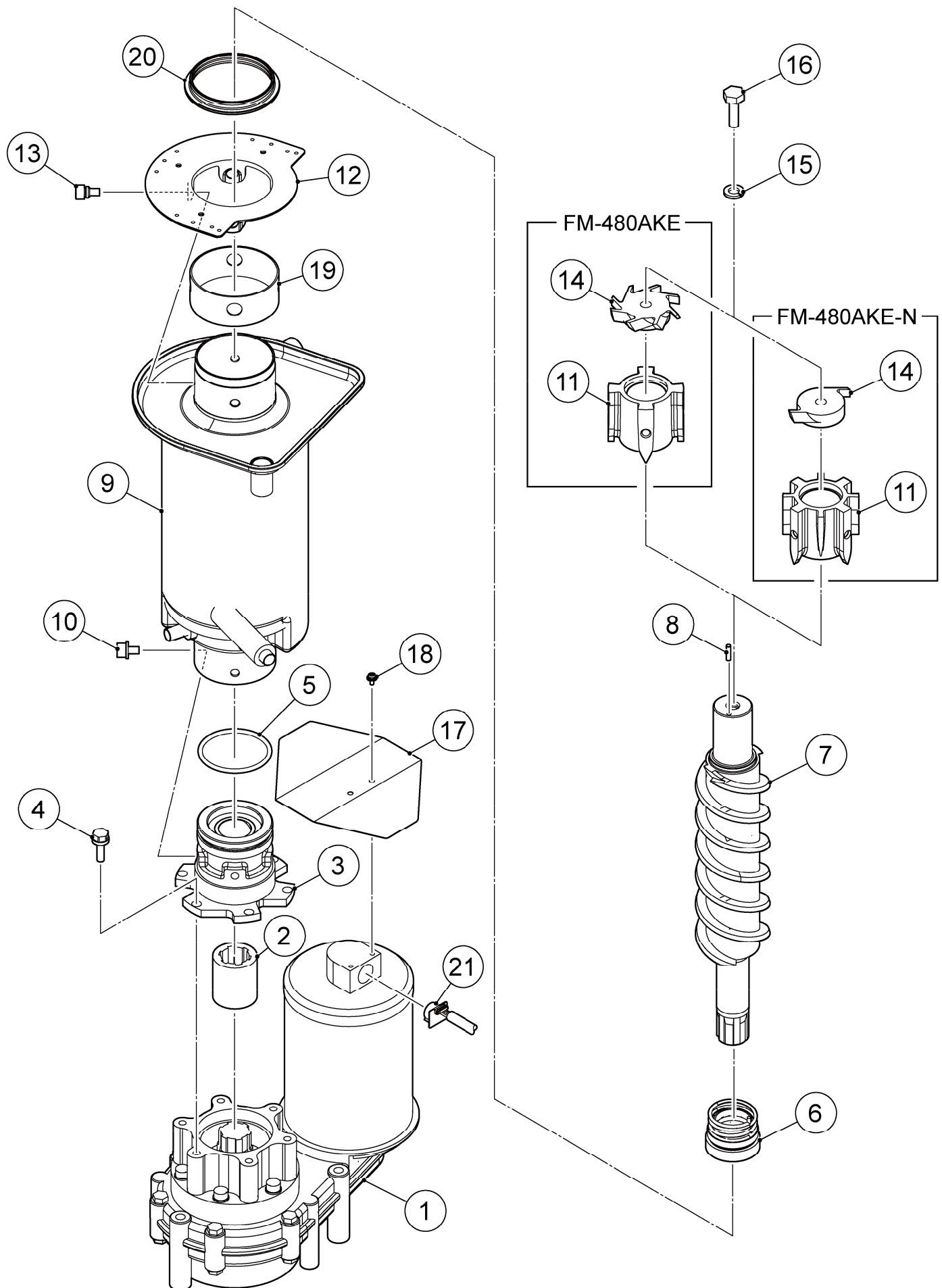
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| <div> <div>MODEL: <b>FM-480AKE (-SB)</b></div> <div>TITLE: <b>B. REFRIGERATION CIRCUIT</b></div> <div><b>FM-480AKE-N (-SB)</b></div> </div> |                            |                              |             |              |            |     |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------|-------------|--------------|------------|-----|--|--|
| INDEX NO.                                                                                                                                   | DESCRIPTION                | MATERIAL OR MODEL NUMBER     | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                                                                                                                                             |                            |                              |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| 25                                                                                                                                          | TIE                        |                              | 436156-02   | 1            | 1          | 1   |  |  |
| 26                                                                                                                                          | COPEERTUBE (H3)            |                              | 376380G01   | 1            | 1          | 1   |  |  |
| 27                                                                                                                                          | COPPER TUBE - ACCESS VALVE |                              | 476690G01   | 1            | 1          | 1   |  |  |
| 28                                                                                                                                          | INSULATION TUBE            |                              | H72949B15   | 1            | 1          | 1   |  |  |
| 29                                                                                                                                          | INSULATION TUBE            |                              | H71333B35   | 1            | 1          | 1   |  |  |
| 30                                                                                                                                          | TIE                        | CV-150                       | 7920-0003   | 4            | 4          | 4   |  |  |
| 31                                                                                                                                          | INSULATION TUBE            |                              | H73858B28   | 1            | 1          | 1   |  |  |
| 32                                                                                                                                          | NYLON TIE                  | CV-200                       | 7920-0010   | 8            | 8          | 8   |  |  |
| 33                                                                                                                                          | HOLDER - THERMISTOR        |                              | 427430-01   | 1            | 1          | 1   |  |  |
| 34                                                                                                                                          | THERMISTOR ASSY            |                              | 475407G01   | 1            | 1          | 1   |  |  |
| 35                                                                                                                                          | LOCKRING STOPPER           |                              | P01677-01   | 2            | 2          | 2   |  |  |
| 36                                                                                                                                          | RELAYS FIXING CLIP         | 60Hz<br>F082-C130, F082-C131 | P02566-01   | 1            | 1          | 1   |  |  |

FM-480AKE (-SB)  
FM-480AKE-N (-SB)

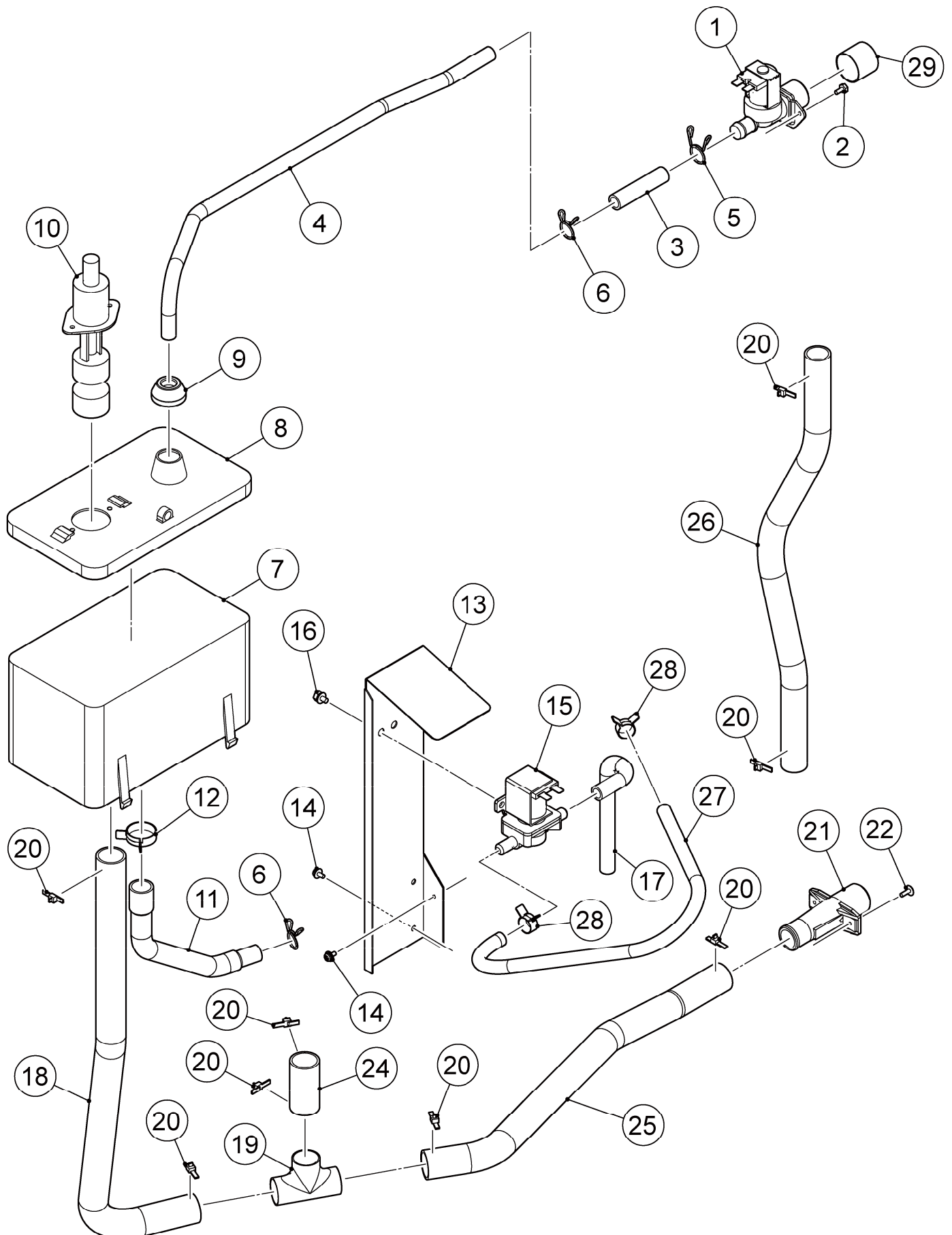
C. ICE MAKING UNIT

(B-1) and later



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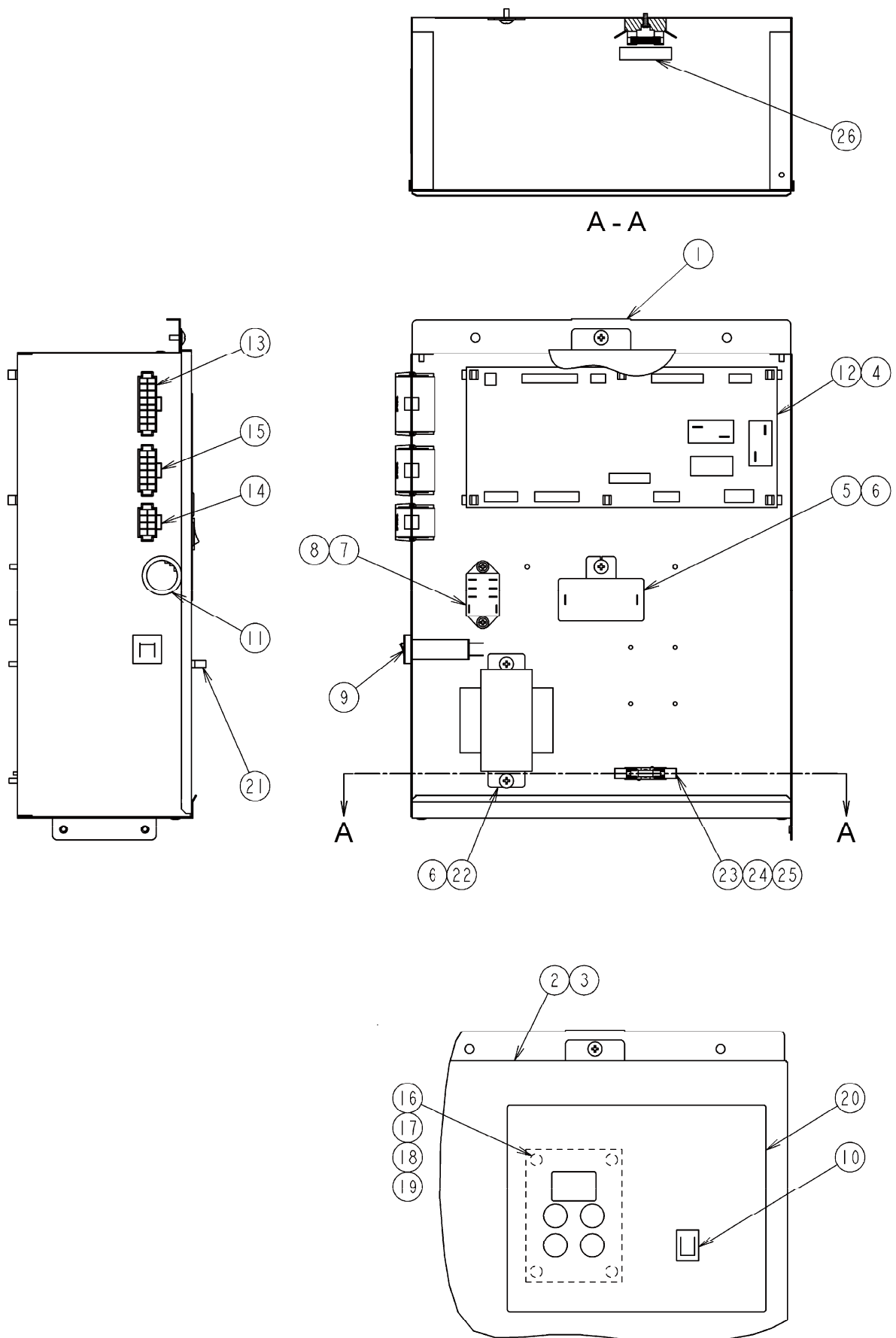
| <div> <div>MODEL: FM-480AKE (-SB)</div> <div>FM-480AKE-N (-SB)</div> </div> <div>TITLE: C. ICE MAKING UNIT</div> |                             |                                   |             |              |            |     |  |  |
|------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------|-------------|--------------|------------|-----|--|--|
| INDEX NO.                                                                                                        | DESCRIPTION                 | MATERIAL OR MODEL NUMBER          | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                                                                                                                  |                             |                                   |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| 1                                                                                                                | GEAR MOTOR                  |                                   | 466223-01   | 1            | 1          | 1   |  |  |
| 2                                                                                                                | COUPLING                    |                                   | 414137-01   | 1            | 1          | 1   |  |  |
| 3                                                                                                                | BEARING (LOWER)             |                                   | 206657G02   | 1            | 1          | 1   |  |  |
| 4                                                                                                                | HEX.HEAD BOLT W/WASHER (SW) |                                   | 461888-01   | 6            | 6          | 6   |  |  |
| 5                                                                                                                | O - RING                    |                                   | 7616-G065   | 1            | 1          | 1   |  |  |
| 6                                                                                                                | MECHANICAL SEAL             |                                   | 432492-01   | 1            | 1          | 1   |  |  |
| 7                                                                                                                | AUGER                       |                                   | 120863G02   | 1            | 1          | 1   |  |  |
| 8                                                                                                                | PIN                         |                                   | 713S-0416   | 1            | 1          | 1   |  |  |
| 9                                                                                                                | EVAPORATOR                  |                                   | 258997G01   | 1            | 1          | 1   |  |  |
| 10                                                                                                               | SCREW                       |                                   | P01719-01   | 4            | 4          | 4   |  |  |
| 11                                                                                                               | EXTRUDING HEAD-70F          |                                   | 327097G04   | 1            | 1          | 1   |  |  |
|                                                                                                                  | EXTRUDING HEAD-70N          | F082-C106, F082-C107<br>F082-C131 | 216531G02   | 1            | 1          | 1   |  |  |
| 12                                                                                                               | FLANGE - 70                 |                                   | 476246G02   | 1            | -          | -   |  |  |
|                                                                                                                  |                             |                                   | 372207M01   | -            | 1          | 1   |  |  |
| 13                                                                                                               | SEAL BOLT - M8              |                                   | P01768-01   | 4            | 4          | 4   |  |  |
| 14                                                                                                               | CUTTER                      |                                   | 317071-02   | 1            | 1          | 1   |  |  |
|                                                                                                                  |                             | F082-C106, F082-C107<br>F082-C131 | 327145-01   | 1            | 1          | 1   |  |  |
| 15                                                                                                               | SPRING WASHER               |                                   | FWSP10S0    | 1            | 1          | 1   |  |  |
| 16                                                                                                               | SCREW - BOLT                |                                   | 458101-01   | 1            | 1          | 1   |  |  |
| 17                                                                                                               | COVER - GEAR MOTOR          |                                   | 466374-01   | 1            | 1          | 1   |  |  |
| 18                                                                                                               | PAN HEAD SCREW SW           |                                   | FSK0408S0   | 2            | 2          | 2   |  |  |
| 19                                                                                                               | BELT HEATER                 | F082-C106, F082-C107<br>F082-C131 | P03243-01   | 1            | 1          | 1   |  |  |
| 20                                                                                                               | PACKING - SPOUT             |                                   | 473494R01   | -            | 1          | 1   |  |  |
| 21                                                                                                               | ROTATION SENSOR             | GEAR MOTOR ACCESSORY              | 459861-03   | 1            | 1          | 1   |  |  |



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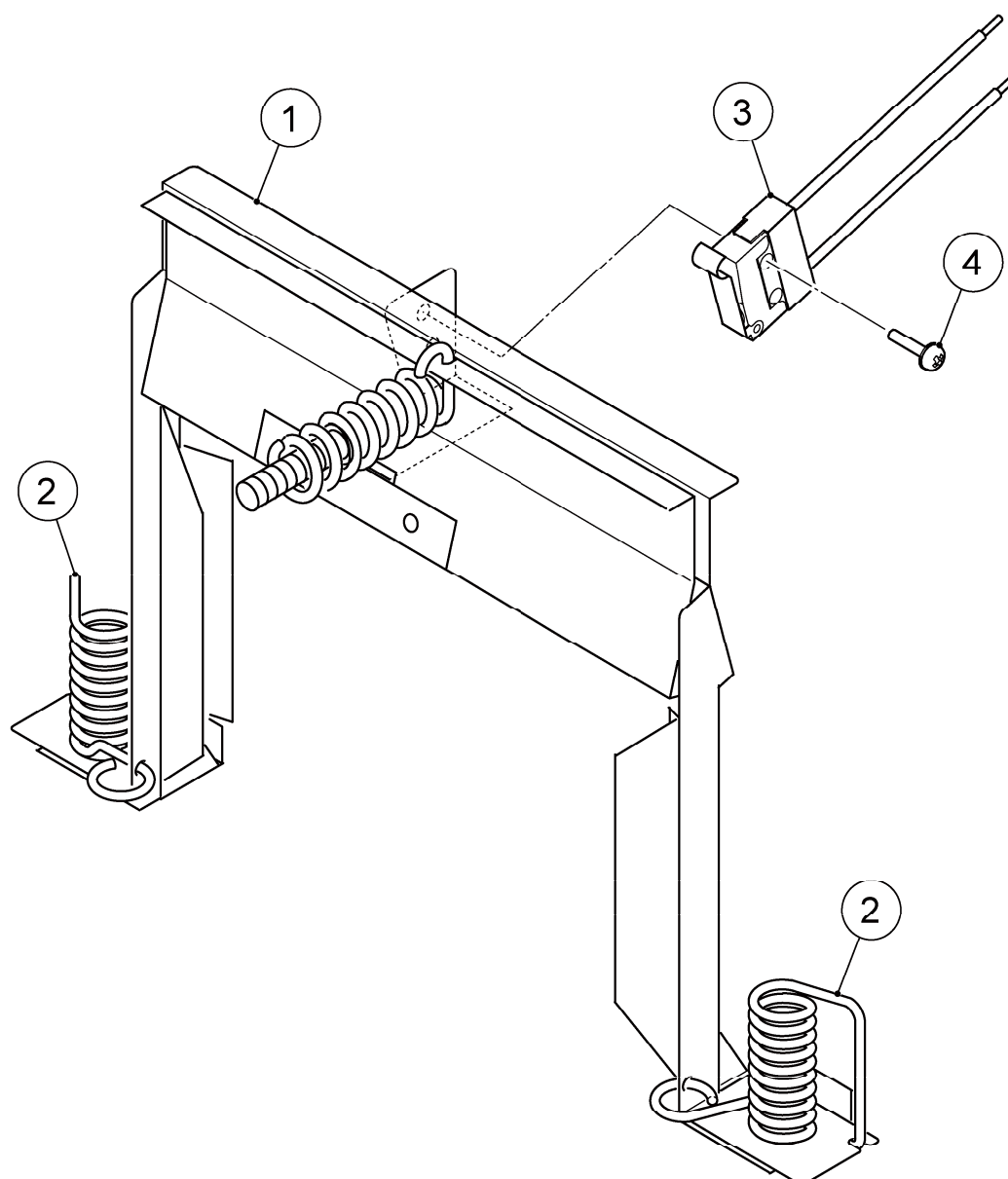
| <div> <div>MODEL: FM-480AKE (-SB)</div> <div>FM-480AKE-N (-SB)</div> </div> <div>TITLE: D. WATER CIRCUIT</div> |                                                   |                          |             |              |            |     |  |  |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------|-------------|--------------|------------|-----|--|--|
| INDEX NO.                                                                                                      | DESCRIPTION                                       | MATERIAL OR MODEL NUMBER | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                                                                                                                |                                                   |                          |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| 1                                                                                                              | WATER VALVE                                       |                          | 452993-01   | 1            | 1          | 1   |  |  |
| 2                                                                                                              | HEX HEAD BOLT                                     |                          | FBH0408S0   | 2            | 2          | 2   |  |  |
| 3                                                                                                              | SILICONE HOSE                                     |                          | 4Y6912R06   | 1            | 1          | 1   |  |  |
| 4                                                                                                              | PIPE - WATER SUPPLY                               |                          | 376329M01   | 1            | 1          | 1   |  |  |
| 5                                                                                                              | HOSE CLAMP                                        |                          | 435934-03   | 1            | 1          | 1   |  |  |
| 6                                                                                                              | HOSE CLAMP                                        |                          | 435934-02   | 2            | 2          | 2   |  |  |
| 7                                                                                                              | RESERVOIR                                         |                          | 232626-01   | 1            | 1          | 1   |  |  |
| 8                                                                                                              | COVER - RESERVOIR                                 |                          | 232627-01   | 1            | 1          | 1   |  |  |
| 9                                                                                                              | COVER - RESERVOIR INLET                           |                          | 415094-01   | 1            | 1          | 1   |  |  |
| 10                                                                                                             | FLOAT SWITCH                                      |                          | 458279-01   | 1            | 1          | 1   |  |  |
| 11                                                                                                             | HOSE                                              |                          | 372321R01   | 1            | 1          | 1   |  |  |
| 12                                                                                                             | CLIP BAND                                         |                          | 423866-08   | 1            | 1          | 1   |  |  |
| 13                                                                                                             | BRACKET - VALVE                                   |                          | 373530M01   | 1            | 1          | 1   |  |  |
| 14                                                                                                             | PAN HEAD MACHINE SCREW<br>(SPRING WASHER AND FLAT |                          | FSK0408F0   | 3            | 3          | 3   |  |  |
| 15                                                                                                             | WATER VALVE                                       |                          | 468655-01   | 1            | 1          | 1   |  |  |
| 16                                                                                                             | HEX HEAD BOLT (SPRING<br>WASHER AND FLAT WASHER)  |                          | FBK0508F0   | 2            | 2          | 2   |  |  |
| 17                                                                                                             | DRAIN HOSE (B)                                    |                          | 459329-01   | 1            | 1          | 1   |  |  |
| 18                                                                                                             | PVC Hose - FSA                                    |                          | HD2226520   | 1            | -          | -   |  |  |
|                                                                                                                |                                                   |                          | HD2226500   | -            | 1          | 1   |  |  |
| 19                                                                                                             | TEE                                               |                          | 120228M01   | 1            | 1          | 1   |  |  |
| 20                                                                                                             | TIE                                               |                          | 7920-0003   | 8            | 8          | 8   |  |  |
| 21                                                                                                             | DRAIN PIPE                                        |                          | 321035-01   | 1            | 1          | 1   |  |  |
| 22                                                                                                             | TRUSS HEAD TAPPING SCREW T2                       |                          | FT20410S0   | 2            | 2          | 2   |  |  |
| 24                                                                                                             | PVC Hose - FSA                                    |                          | HD2226050   | 1            | -          | -   |  |  |
|                                                                                                                |                                                   |                          | HD2226045   | -            | 1          | 1   |  |  |
| 25                                                                                                             | PVC Hose - FSA                                    |                          | HD2226400   | 1            | 1          | 1   |  |  |
| 26                                                                                                             | PVC Hose (Food Grade)                             |                          | HD1923460   | 1            | 1          | 1   |  |  |
| 27                                                                                                             | PVC Hose - FSA                                    |                          | HD0912450   | 1            | 1          | 1   |  |  |
| 28                                                                                                             | CLAMP                                             |                          | 423866-03   | 2            | 2          | 2   |  |  |
| 29                                                                                                             | CAP                                               |                          | 417323-01   | 1            | 1          | 1   |  |  |





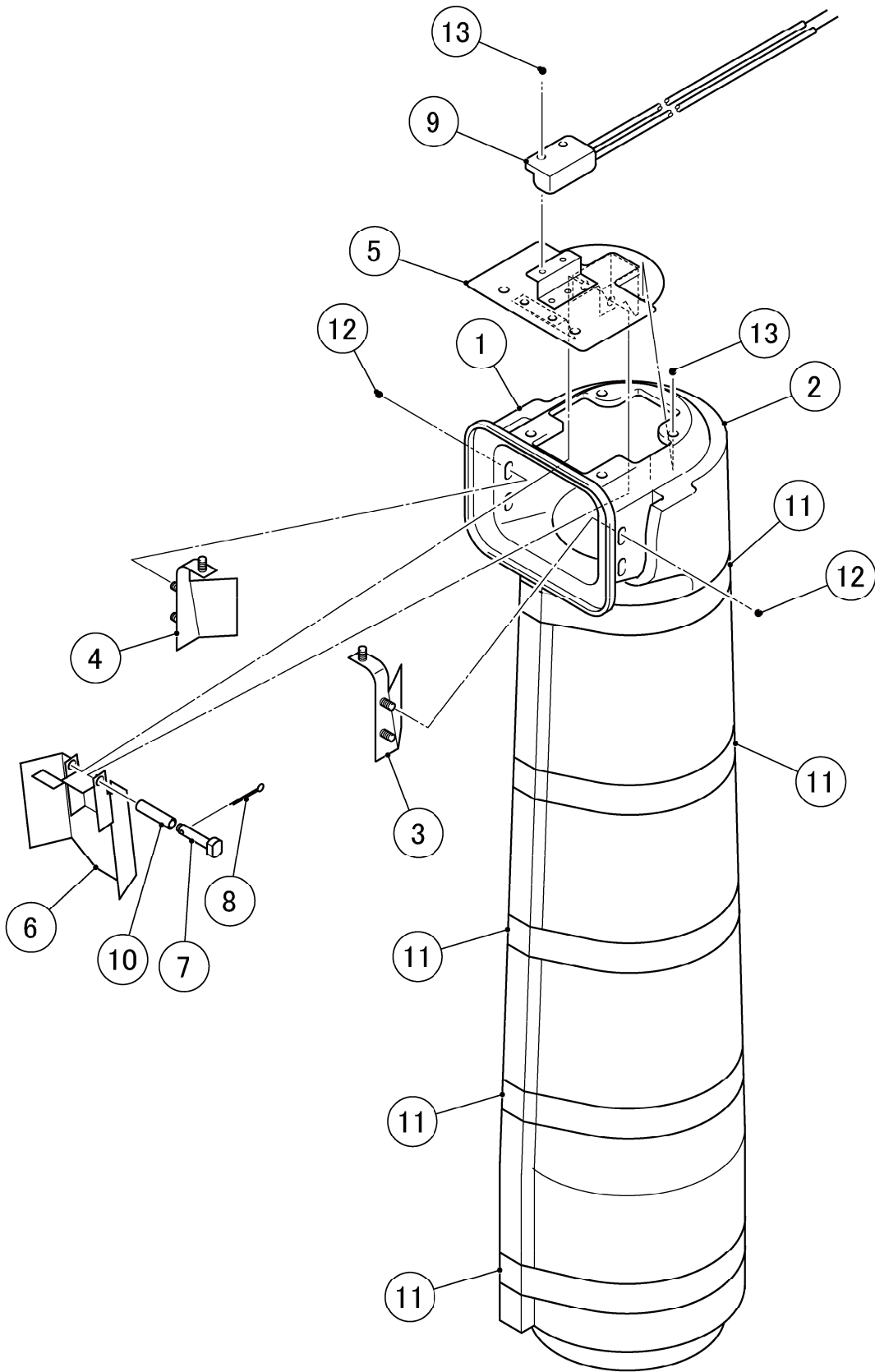
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| <div> <div>MODEL: FM-480AKE (-SB)</div> <div>FM-480AKE-N (-SB)</div> </div> <div>TITLE: E. CONTROL BOX ASSY</div> |                              |                          |             |              |            |     |  |  |
|-------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------|-------------|--------------|------------|-----|--|--|
| INDEX NO.                                                                                                         | DESCRIPTION                  | MATERIAL OR MODEL NUMBER | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                                                                                                                   |                              |                          |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| 1                                                                                                                 | CONTROL BOX                  | 4x8                      | 121824G01   | 1            | 1          | 1   |  |  |
| 2                                                                                                                 | COVER - CONTROL BOX          |                          | 376330G01   | 1            | 1          | 1   |  |  |
| 3                                                                                                                 | TRUSS HEAD SCREW             | NGLS-6S                  | FST0408F0   | 1            | 1          | 1   |  |  |
| 4                                                                                                                 | BOARD SUPPORT                |                          | 414929-01   | 6            | 6          | 6   |  |  |
| 5                                                                                                                 | CAPACITOR                    |                          | 459704-01   | 1            | 1          | 1   |  |  |
| 6                                                                                                                 | T2 TRUSS HEAD SCREW          | 4x8                      | FT20408F0   | 3            | 3          | 3   |  |  |
| 7                                                                                                                 | RELAY                        | LY2F AC240V              | 406132-08   | 1            | 1          | 1   |  |  |
| 8                                                                                                                 | T2(S) FLANGED PAN HEAD SCREW | 3x8                      | 431415-01   | 2            | 2          | 2   |  |  |
| 9                                                                                                                 | PROTECTOR                    | W28XQ1A-20               | 440972-07   | 1            | 1          | 1   |  |  |
| 10                                                                                                                | ROCKER SWITCH                |                          | 460681-01   | 1            | 1          | 1   |  |  |
| 11                                                                                                                | BUSHING                      | OCB-1000                 | 428394-05   | 1            | 1          | 1   |  |  |
| 12                                                                                                                | CONTROLLER BOARD - 09CM      |                          | P01372-99   | 1            | 1          | 1   |  |  |
| 13                                                                                                                | HARNESS (A)                  |                          | 376352G01   | 1            | 1          | 1   |  |  |
| 14                                                                                                                | HARNESS (B)                  |                          | 473845G01   | 1            | 1          | 1   |  |  |
| 15                                                                                                                | HARNESS (C)                  |                          | 374366G01   | 1            | 1          | 1   |  |  |
| 16                                                                                                                | SPACER                       | 4EP-9                    | 451658-05   | 4            | 4          | 4   |  |  |
| 17                                                                                                                | OPERATION BOARD - 09CM       |                          | P01373-01   | 1            | 1          | 1   |  |  |
| 18                                                                                                                | FLAT WASHER                  |                          | FWPL03P0    | 4            | 4          | 4   |  |  |
| 19                                                                                                                | NUT                          |                          | FNH103F0    | 4            | 4          | 4   |  |  |
| 20                                                                                                                | CONTROL LABEL                |                          | 374148L01   | 1            | 1          | 1   |  |  |
| 21                                                                                                                | WIRE RETAINER                | No. 249                  | 427902-03   | 1            | 1          | 1   |  |  |
| 22                                                                                                                | TRANSFORMER                  | TH6634-220/230/240V      | P02623-01   | 1            | 1          | 1   |  |  |
| 23                                                                                                                | FUSE HOLDER                  | CFH15                    | 4Y2547-01   | 1            | 1          | 1   |  |  |
| 24                                                                                                                | FUSE                         | 2183.15 250VAC 2.15A     | 451924-02   | 1            | 1          | 1   |  |  |
| 25                                                                                                                | PAN HEAD TAPPING SCREW T2    | 3x8                      | FT50308F0   | 1            | 1          | 1   |  |  |
| 26                                                                                                                | LABEL - FUSE                 |                          | 477494L01   | 1            | 1          | 1   |  |  |



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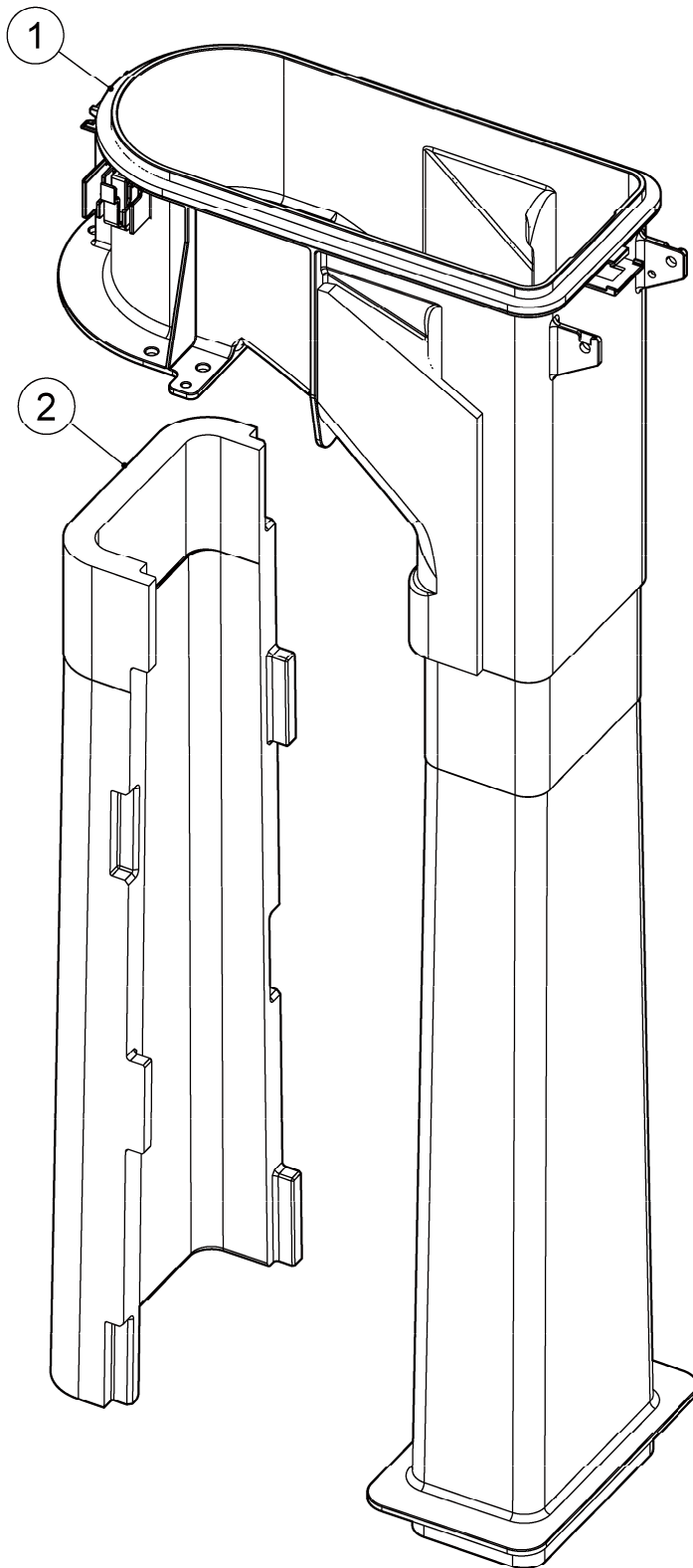
| MODEL: FM-480AKE, FM-480AKE-N |                                                   |                          |             |              |  |  |  |  |  |
|-------------------------------|---------------------------------------------------|--------------------------|-------------|--------------|--|--|--|--|--|
| TITLE: F. BAND ASSY           |                                                   |                          |             |              |  |  |  |  |  |
| INDEX NO.                     | DESCRIPTION                                       | MATERIAL OR MODEL NUMBER | PART NUMBER | REQ'D NUMBER |  |  |  |  |  |
|                               |                                                   |                          |             | B-1<br>D-0   |  |  |  |  |  |
| 1                             | BAND (A)                                          |                          | 348305G01   | 1            |  |  |  |  |  |
| 2                             | SPRING (A)                                        |                          | 459997-01   | 2            |  |  |  |  |  |
| 3                             | MICROSWITCH                                       |                          | 443992-02   | 1            |  |  |  |  |  |
| 4                             | PAN HEAD MACHINE SCREW<br>(SPRING WASHER AND FLAT |                          | 470416-01   | 2            |  |  |  |  |  |



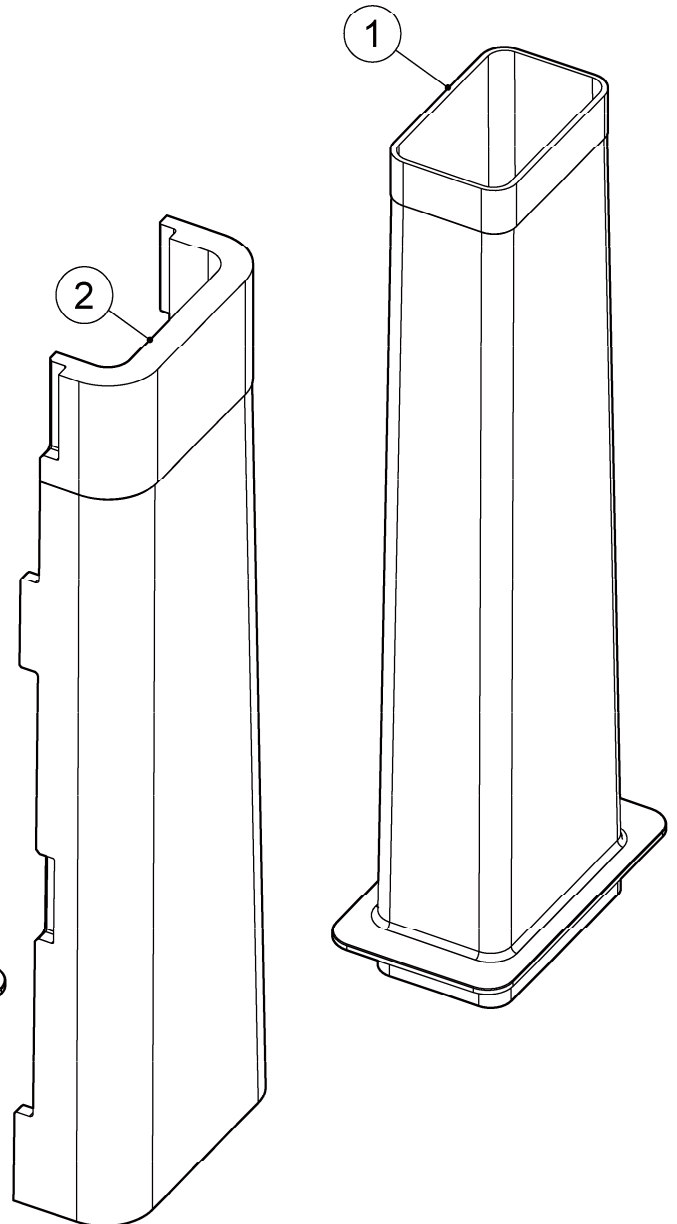
FM-480AKE (-SB)  
FM-480AKE-N (-SB)

G. CHUTE ASSY

(D-1) and later

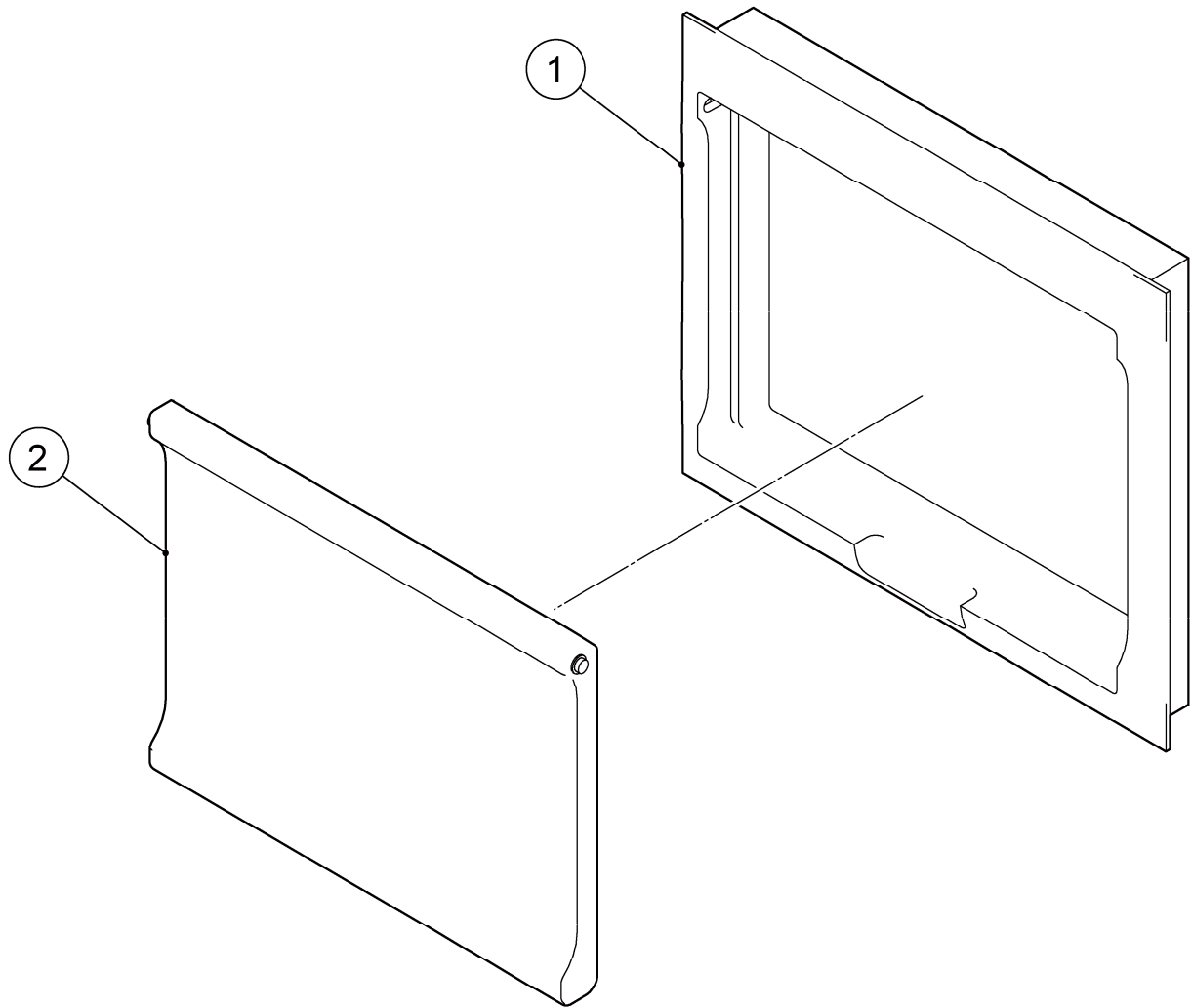


(D-1) to (E-1)  
Not available  
separately.



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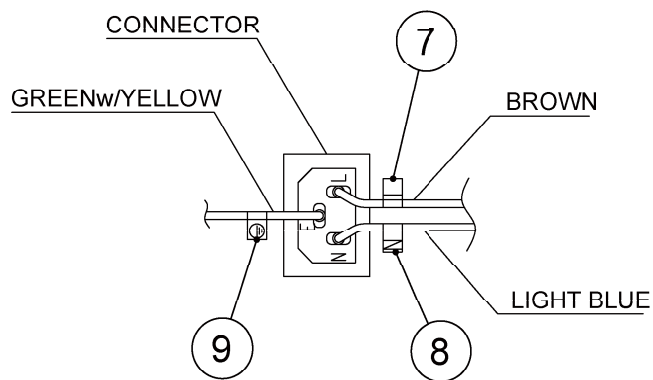
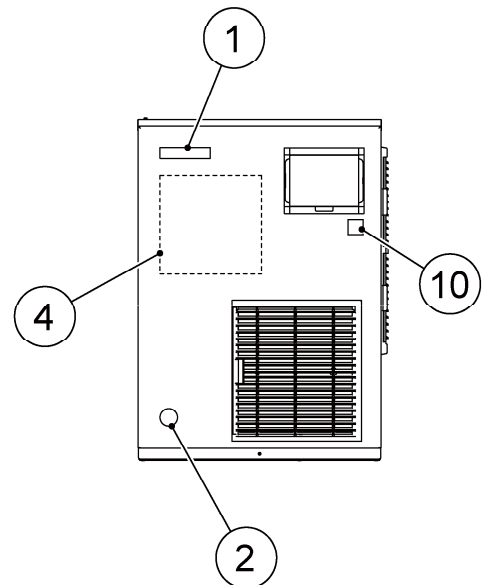
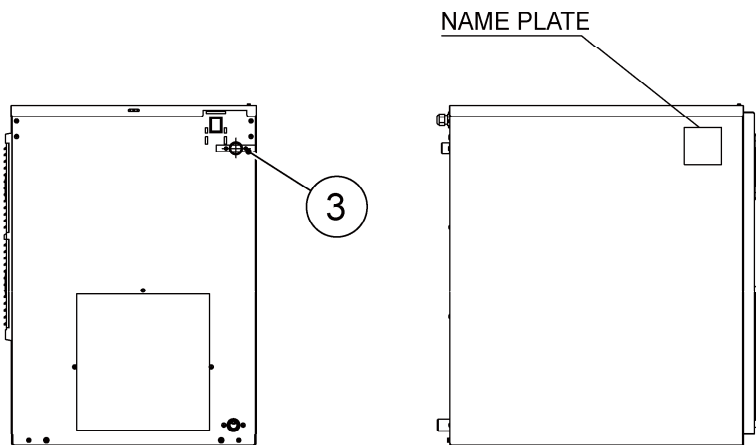
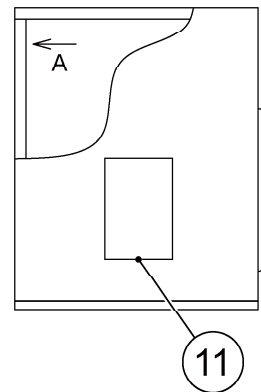
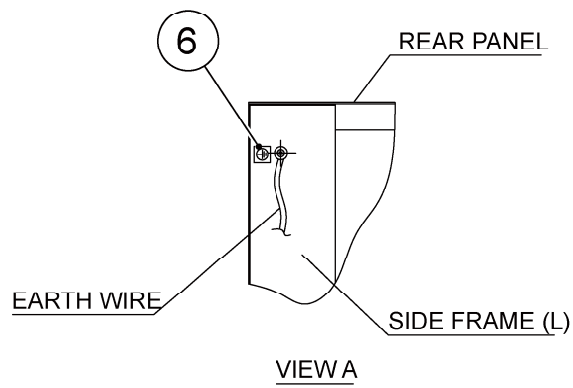
| <div> <div>MODEL: <b>FM-480AKE (-SB)</b></div> <div>TITLE: <b>G. CHUTE ASSY</b></div> <div><b>FM-480AKE-N (-SB)</b></div> </div> |                    |                                                                                               |             |              |            |     |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------|-------------|--------------|------------|-----|--|--|
| INDEX NO.                                                                                                                        | DESCRIPTION        | MATERIAL OR MODEL NUMBER                                                                      | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                                                                                                                                  |                    |                                                                                               |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| 1                                                                                                                                | CHUTE              |                                                                                               | 214823-01   | 1            | -          | -   |  |  |
|                                                                                                                                  |                    | Integrated with SPOUT - 70<br>Not available separately.<br>Order SPOUT - CHUTE 70 (268064G02) |             | -            | 1          | -   |  |  |
|                                                                                                                                  | SPOUT - CHUTE 70   |                                                                                               | 268064G02   | -            | -          | 1   |  |  |
| 2                                                                                                                                | INSULATION - CHUTE |                                                                                               | 235310-01   | 1            | -          | -   |  |  |
|                                                                                                                                  |                    |                                                                                               | 263903P02   | -            | 2          | 2   |  |  |
| 3                                                                                                                                | BAFFLE - CHUTE (A) |                                                                                               | 325122G01   | 1            | -          | -   |  |  |
| 4                                                                                                                                | BAFFLE - CHUTE (B) |                                                                                               | 325123G01   | 1            | -          | -   |  |  |
| 5                                                                                                                                | BIN CONTROL        |                                                                                               | 353918G01   | 1            | -          | -   |  |  |
| 6                                                                                                                                | ACTUATOR           |                                                                                               | 436848G05   | 1            | -          | -   |  |  |
| 7                                                                                                                                | SHAFT              |                                                                                               | 458813-01   | 1            | -          | -   |  |  |
| 8                                                                                                                                | SPLIT PIN          |                                                                                               | 711SP1612   | 1            | -          | -   |  |  |
| 9                                                                                                                                | PROXIMITY SWITCH   |                                                                                               | 4A2033-01   | 1            | -          | -   |  |  |
| 10                                                                                                                               | TUBE               |                                                                                               | 461623-01   | 1            | -          | -   |  |  |
| 11                                                                                                                               | TAPE               |                                                                                               | 113006Z01   | 5            | -          | -   |  |  |
| 12                                                                                                                               | WING NUT           |                                                                                               | FNW204S0    | 6            | -          | -   |  |  |
| 13                                                                                                                               | TRUSS HEAD SCREW   |                                                                                               | FST0406S0   | 4            | -          | -   |  |  |



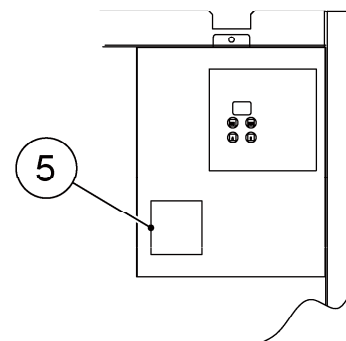


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| MODEL: <b>FM-480AKE (-SB)</b><br><b>FM-480AKE-N (-SB)</b><br>TITLE: <b>H. WINDW PANEL ASSY</b> |             |                          |             |              |            |     |  |  |
|------------------------------------------------------------------------------------------------|-------------|--------------------------|-------------|--------------|------------|-----|--|--|
| INDEX NO.                                                                                      | DESCRIPTION | MATERIAL OR MODEL NUMBER | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                                                                                                |             |                          |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| 1                                                                                              | WIND FRAME  |                          | 232648-01   | 1            | 1          | 1   |  |  |
| 2                                                                                              | WIND PANEL  |                          | 232649-03   | 1            | 1          | 1   |  |  |



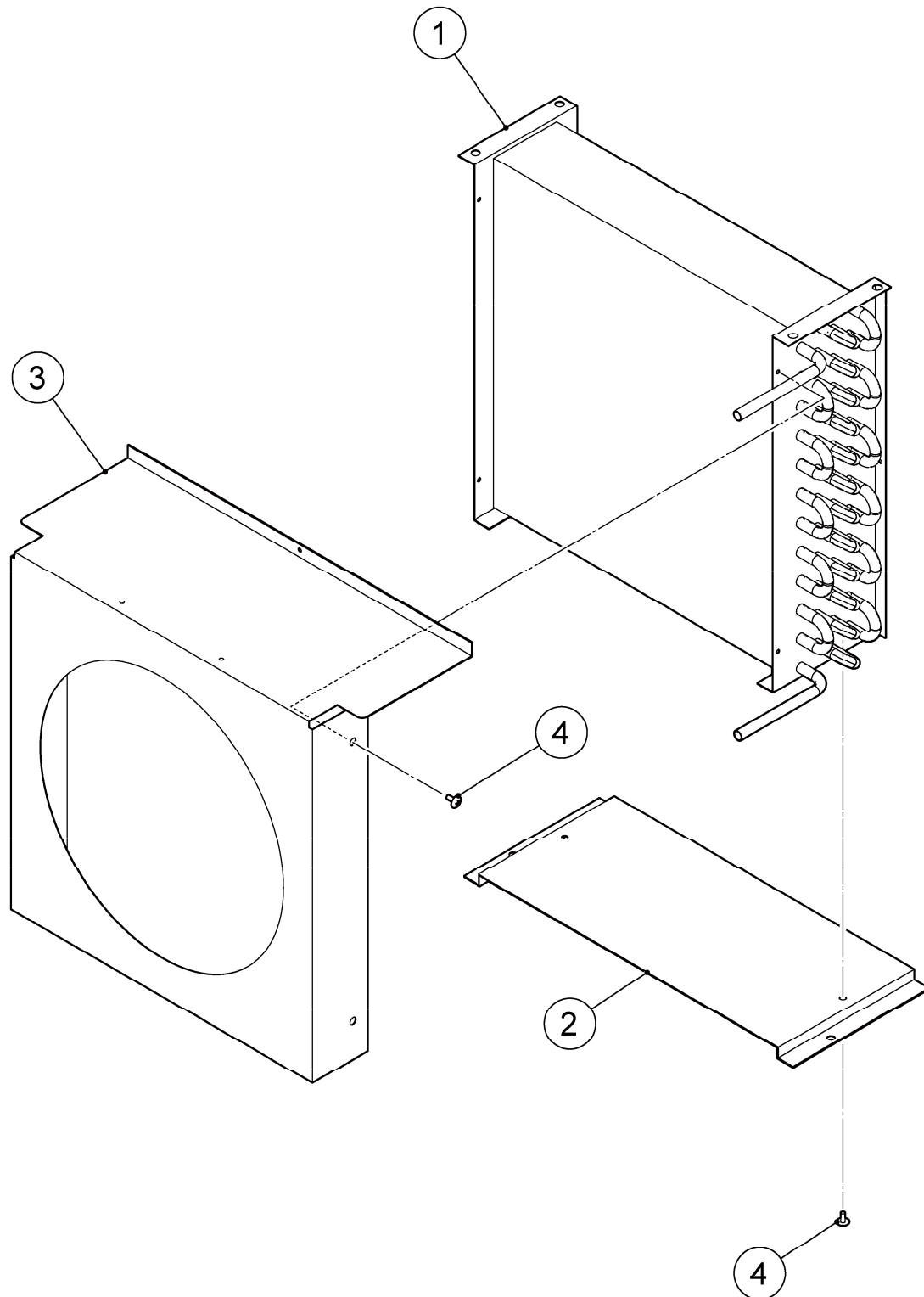
DETAIL LABEL - TERMINAL



DETAIL - CONTROL BOX

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| <div> <div>MODEL: FM-480AKE (-SB)</div> <div>FM-480AKE-N (-SB)</div> <div>TITLE: J. LABEL LOCATION</div> </div> |                         |                          |             |              |            |     |  |  |
|-----------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------|-------------|--------------|------------|-----|--|--|
| INDEX NO.                                                                                                       | DESCRIPTION             | MATERIAL OR MODEL NUMBER | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                                                                                                                 |                         |                          |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| 1                                                                                                               | EMBLEM                  |                          | 340842-01   | 1            | 1          | 1   |  |  |
| 2                                                                                                               | LABEL - PENGUIN         |                          | 454387-01   | 1            | 1          | 1   |  |  |
| 3                                                                                                               | CAUTION - LABEL         |                          | 452552-01   | 1            | 1          | 1   |  |  |
| 4                                                                                                               | WIRING LABEL            |                          | 262134L01   | 1            | -          | -   |  |  |
|                                                                                                                 |                         |                          | 264593L01   | -            | 1          | 1   |  |  |
| 5                                                                                                               | CAUTION LABEL - SERVICE |                          | 471180L01   | 1            | 1          | 1   |  |  |
| 6                                                                                                               | LABEL - EARTH (B)       |                          | 450452-02   | 1            | -          | -   |  |  |
| 7                                                                                                               | LABEL - TERMINAL        |                          | 452379-03   | 1            | -          | -   |  |  |
| 8                                                                                                               | LABEL - TERMINAL        |                          | 452379-04   | 1            | -          | -   |  |  |
| 9                                                                                                               | LABEL - TERMINAL        |                          | 452379-05   | 1            | -          | -   |  |  |
| 10                                                                                                              | LABEL - HACCP           |                          | 476519L01   | 1            | 1          | 1   |  |  |
| 11                                                                                                              | INSTRUCTION SHEET       |                          | 378049L01   | -            | 1          | 1   |  |  |



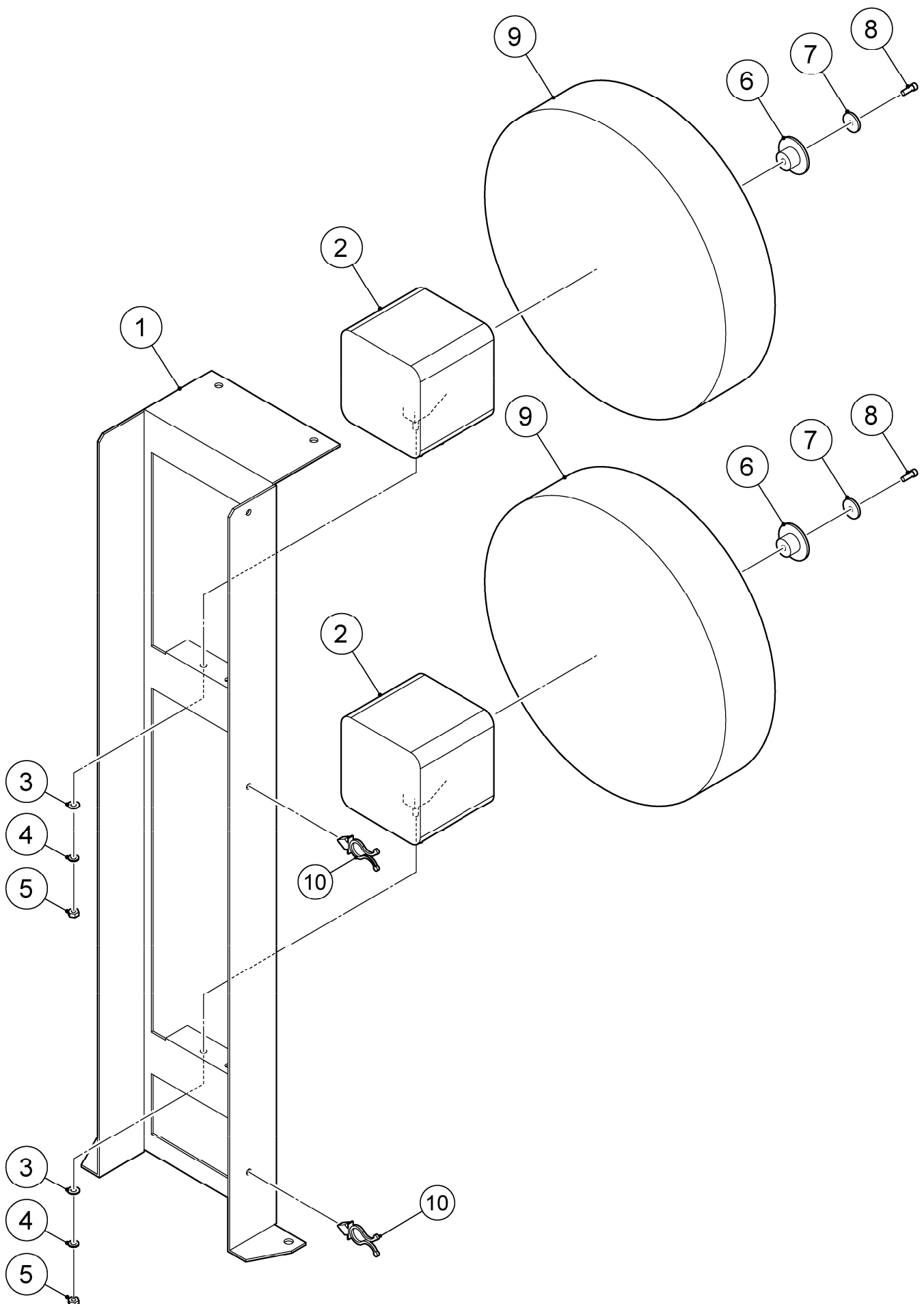
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| MODEL: <b>FM-480AKE (-SB)</b><br><b>FM-480AKE-N (-SB)</b><br>TITLE: <b>K. CONDENSER ASSY</b> |                     |                          |             |              |            |     |  |  |
|----------------------------------------------------------------------------------------------|---------------------|--------------------------|-------------|--------------|------------|-----|--|--|
| INDEX NO.                                                                                    | DESCRIPTION         | MATERIAL OR MODEL NUMBER | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                                                                                              |                     |                          |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| 1                                                                                            | CONDENSER           |                          | P03383-01   | 1            | 1          | 1   |  |  |
| 2                                                                                            | BRACKET - CONDENSER |                          | 476679M01   | 1            | 1          | 1   |  |  |
| 3                                                                                            | SHROUD              |                          | 262064M01   | 1            | 1          | 1   |  |  |
| 4                                                                                            | T2 TRUSS HEAD SCREW |                          | FT20408F0   | 6            | 6          | 6   |  |  |

FM-480AKE (-SB)  
FM-480AKE-N (-SB)

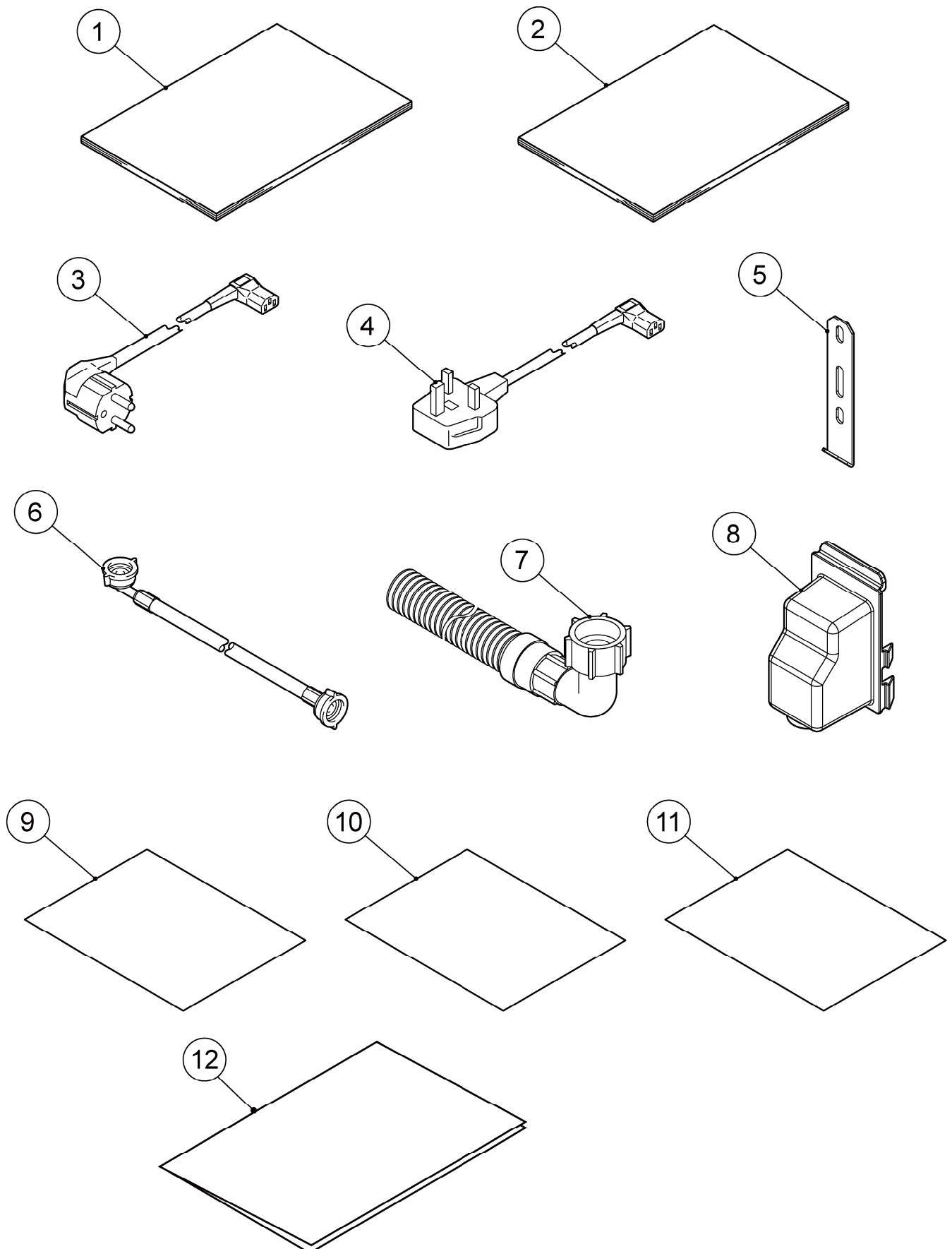
L. FAN MOTOR ASSY

(B-1) and later



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| MODEL: <b>FM-480AKE (-SB)</b> |                     |                          |             |                                 |            |     |  |  |
|-------------------------------|---------------------|--------------------------|-------------|---------------------------------|------------|-----|--|--|
| FM-480AKE-N (-SB)             |                     |                          |             | TITLE: <b>L. FAN MOTOR ASSY</b> |            |     |  |  |
| INDEX NO.                     | DESCRIPTION         | MATERIAL OR MODEL NUMBER | PART NUMBER | REQ'D NUMBER                    |            |     |  |  |
|                               |                     |                          |             | B-1<br>D-0                      | D-1<br>E-1 | E-2 |  |  |
| 1                             | BRACKET - FAN MOTOR |                          | 262084M01   | 1                               | 1          | 1   |  |  |
| 2                             | FAN MOTOR           |                          | P02528-01   | 2                               | 2          | 2   |  |  |
| 3                             | FLAT WASHER         |                          | FWPL04S0    | 8                               | 8          | 8   |  |  |
| 4                             | SPRING WASHER       |                          | FWSP04S0    | 8                               | 8          | 8   |  |  |
| 5                             | NUT                 |                          | FNH104S0    | 8                               | 8          | 8   |  |  |
| 6                             | VIBRATION PAD       |                          | P02528F01   | 2                               | 2          | 2   |  |  |
| 7                             | WASHER - PAD        |                          | P02528F02   | 2                               | 2          | 2   |  |  |
| 8                             | BOLT                |                          | P02528F03   | 2                               | 2          | 2   |  |  |
| 9                             | FAN BLADE           |                          | P02529-01   | 2                               | 2          | 2   |  |  |
| 10                            | WIRE RETAINER       |                          | 427902-03   | 2                               | 2          | 2   |  |  |





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| <div> <div>MODEL: <b>FM-480AKE (-SB)</b></div> <div>TITLE: <b>M. ACCESSORIES</b></div> <div><b>FM-480AKE-N (-SB)</b></div> </div> |                            |                          |             |              |            |     |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------|-------------|--------------|------------|-----|--|--|
| INDEX NO.                                                                                                                         | DESCRIPTION                | MATERIAL OR MODEL NUMBER | PART NUMBER | REQ'D NUMBER |            |     |  |  |
|                                                                                                                                   |                            |                          |             | B-1<br>D-0   | D-1<br>E-1 | E-2 |  |  |
| 1                                                                                                                                 | INSTRUCTION MANUAL         |                          | L1F054203   | 1            | 1          | 1   |  |  |
| 2                                                                                                                                 | INSTALLATION MANUAL        |                          | L2F054201   | 1            | -          | -   |  |  |
|                                                                                                                                   |                            |                          | L2F054203   | -            | 1          | 1   |  |  |
| 3                                                                                                                                 | POWER SUPPLY CORD          | CONT Plug                | P03362-01   | 1            | 1          | 1   |  |  |
| 4                                                                                                                                 | POWER SUPPLY CORD          | UK Plug                  | P03363-01   | 1            | 1          | 1   |  |  |
| 5                                                                                                                                 | UNIVERSAL BRACE            |                          | 4A0363-01   | 2            | 2          | 2   |  |  |
| 6                                                                                                                                 | INLET HOSE                 |                          | P03534-01   | 1            | 1          | 1   |  |  |
| 7                                                                                                                                 | OUTLET HOSE                |                          | 452365-01   | 1            | 1          | 1   |  |  |
| 8                                                                                                                                 | COVER - CONNECTOR          |                          | 2X0271P01   | 1            | 1          | 1   |  |  |
| 9                                                                                                                                 | POLYETHYLENE BAG (300*450) |                          | 7V90-0015   | 1            | 1          | 1   |  |  |
| 10                                                                                                                                | PE STANDARD BAG            |                          | 7V90-0012   | 1            | 1          | 1   |  |  |
| 11                                                                                                                                | PE BAG (STANDARD)          |                          | 7V90-0020   | 1            | 1          | 1   |  |  |
| 12                                                                                                                                | INSTRUCTION MANUAL         |                          | 122234L01   | 1            | 1          | 1   |  |  |