

# HD22 and HD30 Service Parts

This is the list of service parts and wiring diagrams for all versions of these two hotel dispensers.

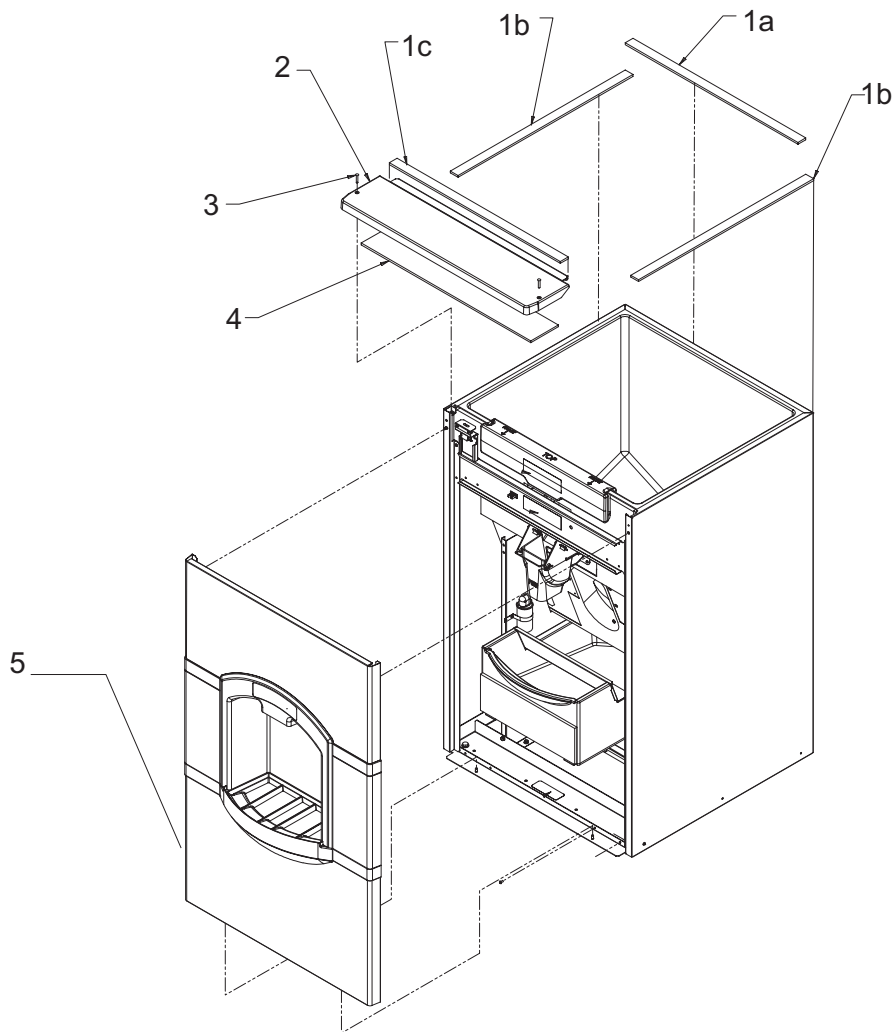
Pay close attention to the voltage and/or cycles to be sure of ordering the correct part.

## Table of Contents

|                                                                   |         |
|-------------------------------------------------------------------|---------|
| Front and Top Panels . . . . .                                    | Page 2  |
| HD30B & HD22B Front Panel . . . . .                               | Page 3  |
| HD30N and HD30W Front Panel & Related Parts . . . . .             | Page 4  |
| Side, Back and Interior Panels . . . . .                          | Page 5  |
| Dispensing Components . . . . .                                   | Page 6  |
| Ice Chute Mechanism . . . . .                                     | Page 7  |
| Ice Catch Pan . . . . .                                           | Page 8  |
| Control Box . . . . .                                             | Page 9  |
| Wiring Diagram, 115 volt, 60 Hz Basic and Water Station . . . . . | Page 10 |
| Schematic Diagram, Basic and Water Station Models . . . . .       | Page 11 |
| Wiring Diagram, 230 volt, 50 Hz Basic . . . . .                   | Page 12 |
| Wiring Diagram for Coin Mechanism Model . . . . .                 | Page 13 |
| Schematic Diagram for Coin Mechanism Model . . . . .              | Page 14 |

# HD22 and HD30 Service Parts

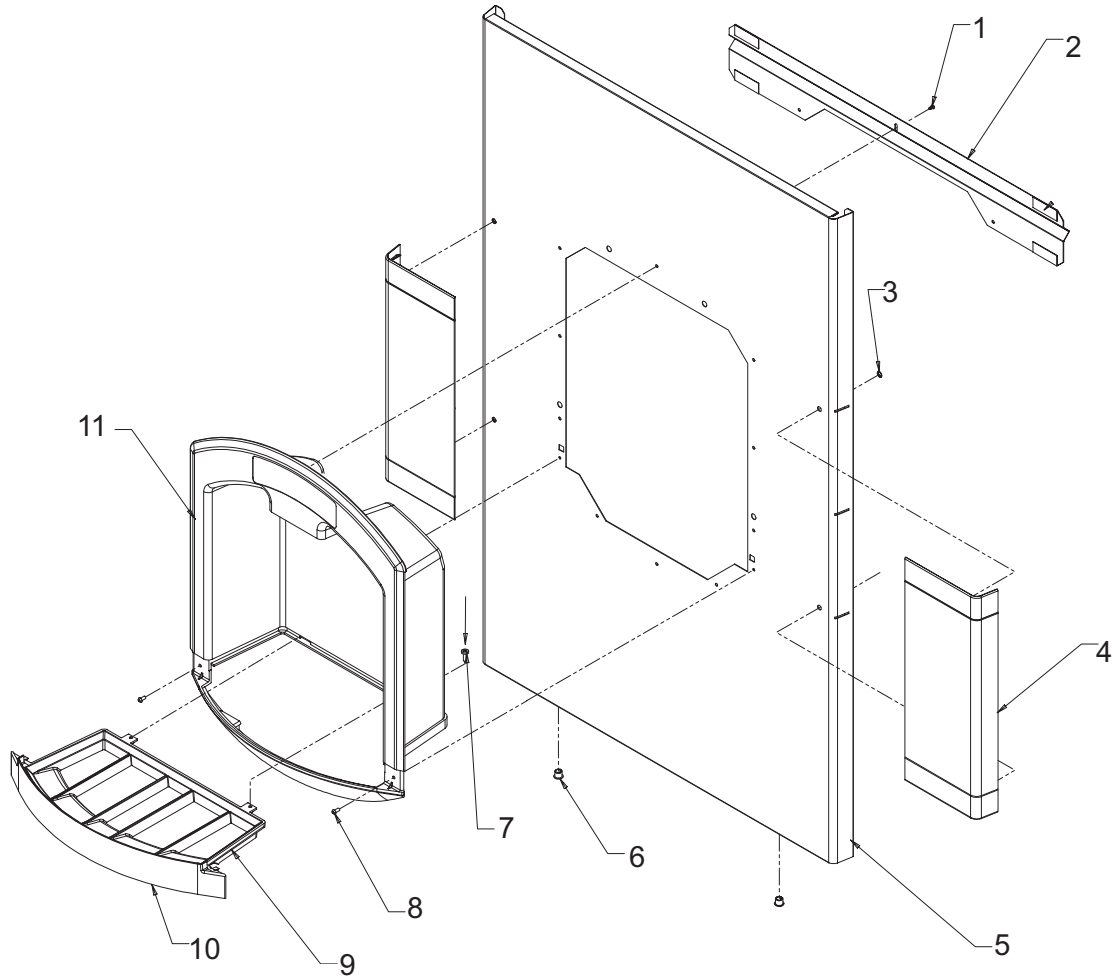
## Front and Top Panels



| Item Number | Part Number                          | Description               | 5 | A38318-021 | HD30B or HD30W front panel with side flanges |
|-------------|--------------------------------------|---------------------------|---|------------|----------------------------------------------|
| 1           | 19-0503-04                           | Gasket tape, order by ft. |   | A38318-023 | HD30N front panel with side flanges          |
| 1a          | Use 27.5" for HD30, 19.5" for HD22   |                           |   | A38319-021 | HD22 front panel with side flanges           |
| 1b          | Use 27.88"                           |                           |   |            |                                              |
| 1c          | Use 27.25" for HD30, 19.25" for HD22 |                           |   |            |                                              |
| 2           | 02-3997-01                           | HD30 top panel            |   |            |                                              |
|             | 02-3997-03                           | HD22 top panel            |   |            |                                              |
| 3           | 03-1735-01                           | Top panel screw           |   |            |                                              |
| 4           | 02-3998-01                           | HD30 panel insulation     |   |            |                                              |
|             | 02-3998-02                           | HD22 panel insulation     |   |            |                                              |

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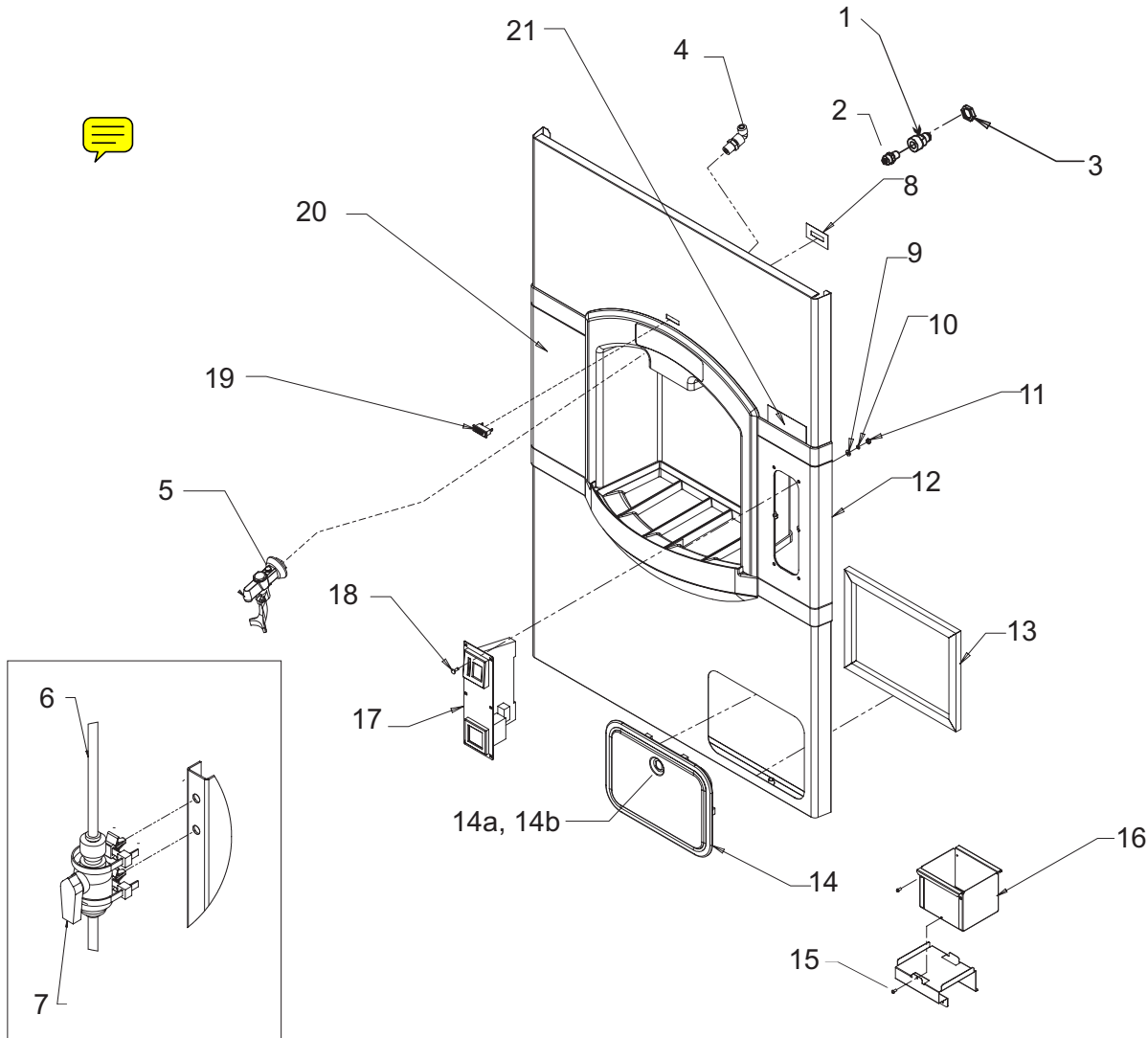
## HD30B & HD22B Front Panel



| Item Number | Part Number | Description              | Item Number               | Part Number | Description                         |
|-------------|-------------|--------------------------|---------------------------|-------------|-------------------------------------|
| 1           | 03-3836-01  | Screw                    | 11a                       | 02-3971-01  | HD22, HD30B, HD30N dispense housing |
| 2           | A38357-001  | HD30 stiffener           | 11b                       | 02-3971-03  | HD30W dispense housing              |
|             | A38357-002  | HD22 stiffener           | * includes items 1 thru 4 |             |                                     |
| 3           | 03-1731-02  | Retainer                 |                           |             |                                     |
| 4           | 02-3973-01  | HD30B side flange        |                           |             |                                     |
|             | 02-3973-02  | HD22 side flange         |                           |             |                                     |
| 5           | A38318-021  | HD30 Front panel*        |                           |             |                                     |
|             | A38319-021  | HD22 Front panel*        |                           |             |                                     |
| 6           | 12-1213-04  | Snap bushing             |                           |             |                                     |
| 7           | 03-1404-12  | Screw                    |                           |             |                                     |
| 8           | 03-1531-01  | Screw                    |                           |             |                                     |
| 9           | 19-0503-11  | Foam gasket, 6" per side |                           |             |                                     |
| 10          | 02-3972-01  | Grill                    |                           |             |                                     |

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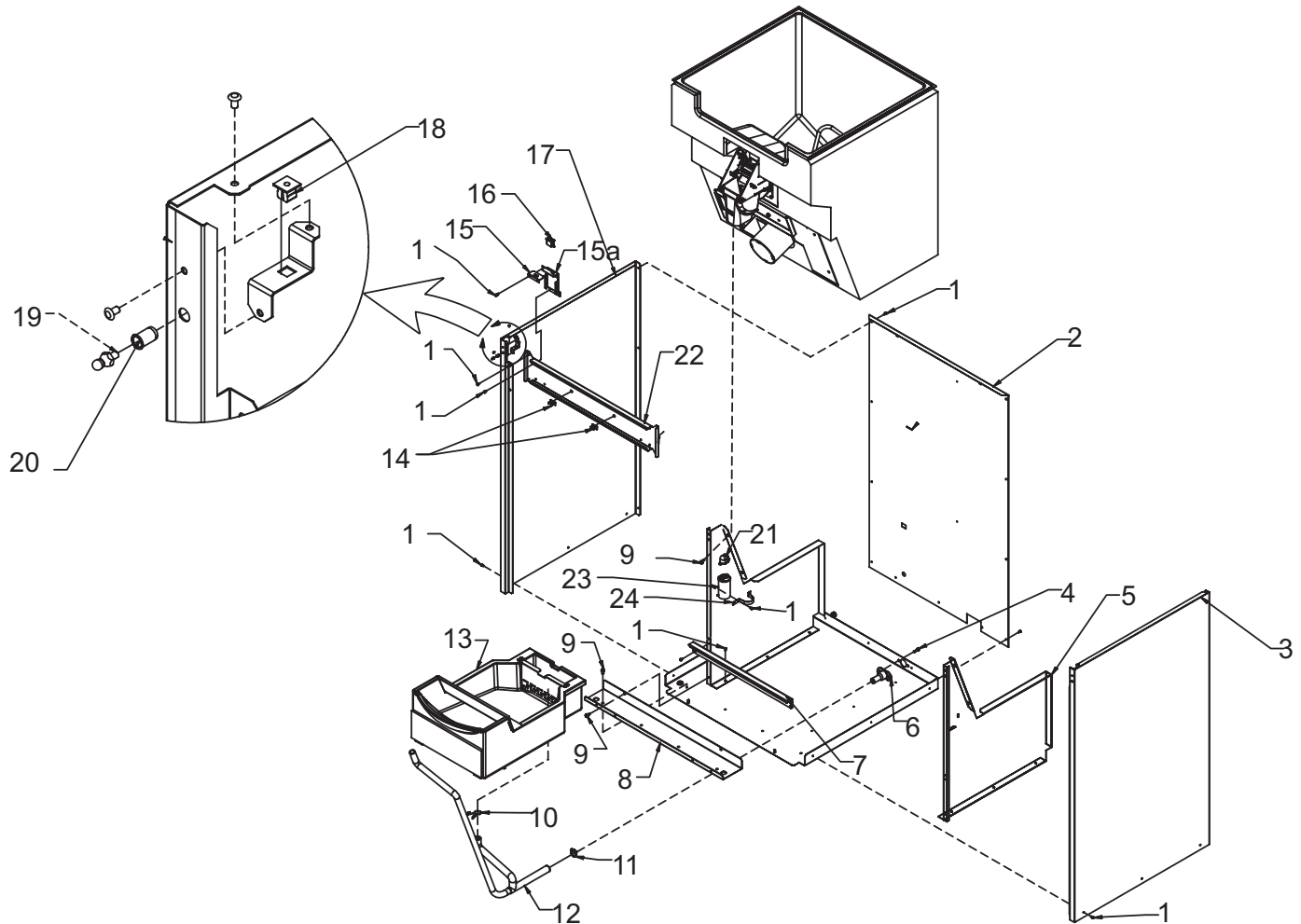
## HD30N and HD30W Front Panel & Related Parts



| Item Number | Part Number | Description             | Item Number | Part Number | Description                           |
|-------------|-------------|-------------------------|-------------|-------------|---------------------------------------|
| 1           | 16-0835-01  | Water inlet fitting     | 12          | 02-3973-05  | Right side flange for coin mech model |
| 2           | 16-1039-01  | Straight connector      | 13          | 01-1295-01  | Door shim                             |
| 3           | 03-1394-01  | Pal nut                 | 14          | 12-2896-02  | Door and lock                         |
| 4           | 16-1104-01  | Male elbow connector    | 14a         | 12-2896-26  | Lock and key                          |
| 5           | 02-3990-01  | Water faucet            | 14b         | 12-2896-27  | Key                                   |
| 6           | 13-0895-01  | Tubing, order per ft    | 15          | 03-1531-01  | Coin box screw                        |
| 7           | 16-1105-01  | Shut off valve          | 16          | A38438-001  | Coin box                              |
| 8           | A38462-001  | Indicator light backing | 17          | 12-2896-01  | Coin mechanism                        |
| 9           | 03-1407-02  | Washer for coin mech    |             | 12-2896-25  | Coin switch                           |
| 10          | 03-1410-07  | Lockwasher              | 18          | 12-2896-03  | Mounting screw                        |
| 11          | 03-1406-04  | Hex nut (8-32)          | 19          | 12-2908-01  | Ready light                           |
|             |             |                         | 20          | 02-3973-01  | HD30 left side flange                 |
|             |             |                         | 21          | 17-2970-01  | Coin mech label                       |

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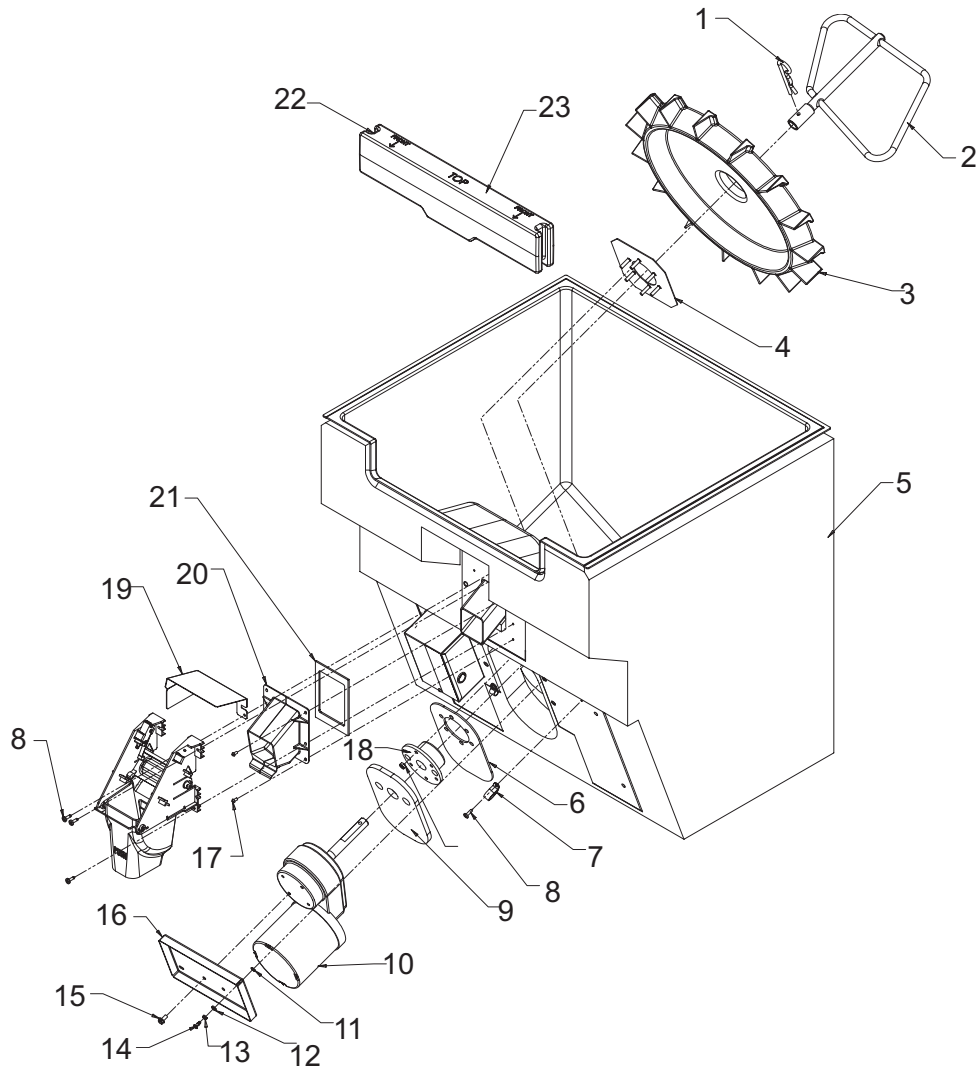
## Side, Back and Interior Panels



| Item Number | Part Number | Description                                  | Item Number | Part Number | Description                                 |
|-------------|-------------|----------------------------------------------|-------------|-------------|---------------------------------------------|
| 1           | 03-1531-01  | Screw                                        | 12          | 02-3979-01  | Drain hose                                  |
| 2           | A38321-001  | HD30 back panel                              | 13          | A38316-021  | Drain pan, assembled                        |
|             | A38322-001  | HD22 back panel                              | 14          | 02-3011-01  | Wire clamp (coin mech)                      |
| 3           | A38320-022  | Right side panel, includes mounting hardware | 15          | A38435-002  | Switch plate top                            |
| 4           | 03-0571-01  | Screw                                        | 15a         | A38435-001  | Switch plate                                |
| 5           | A38325-002  | Bin support, right                           | 16          | 12-1276-01  | Switch, interlock                           |
|             | A38325-001  | Bin support, left                            | 17          | A38320-021  | Left side panel, includes mounting hardware |
| 6           | 02-3692-23  | Drain fitting                                | 18          | 03-3804-01  | Plastic nut                                 |
| 7           | A38348-001  | Catch pan support                            | 19          | 03-1733-01  | Strike (ball stud)                          |
| 8           | A38362-001  | HD30 base stiffener                          | 20          | 03-1734-01  | Insert                                      |
|             | A38362-002  | HD22 base stiffener                          | 21          | 13-0666-00  | Terminal cover                              |
| 9           | 03-1645-01  | Screw                                        | 22          | A38333-001  | HD30 support bracket                        |
| 10          | 02-3791-01  | Hose clamp                                   |             | A38333-002  | HD22 support bracket                        |
| 11          | 02-2814-09  | Hose clamp                                   | 23          | 18-1902-52  | Motor capacitor                             |
|             |             |                                              | 24          | A35971-001  | Strap                                       |

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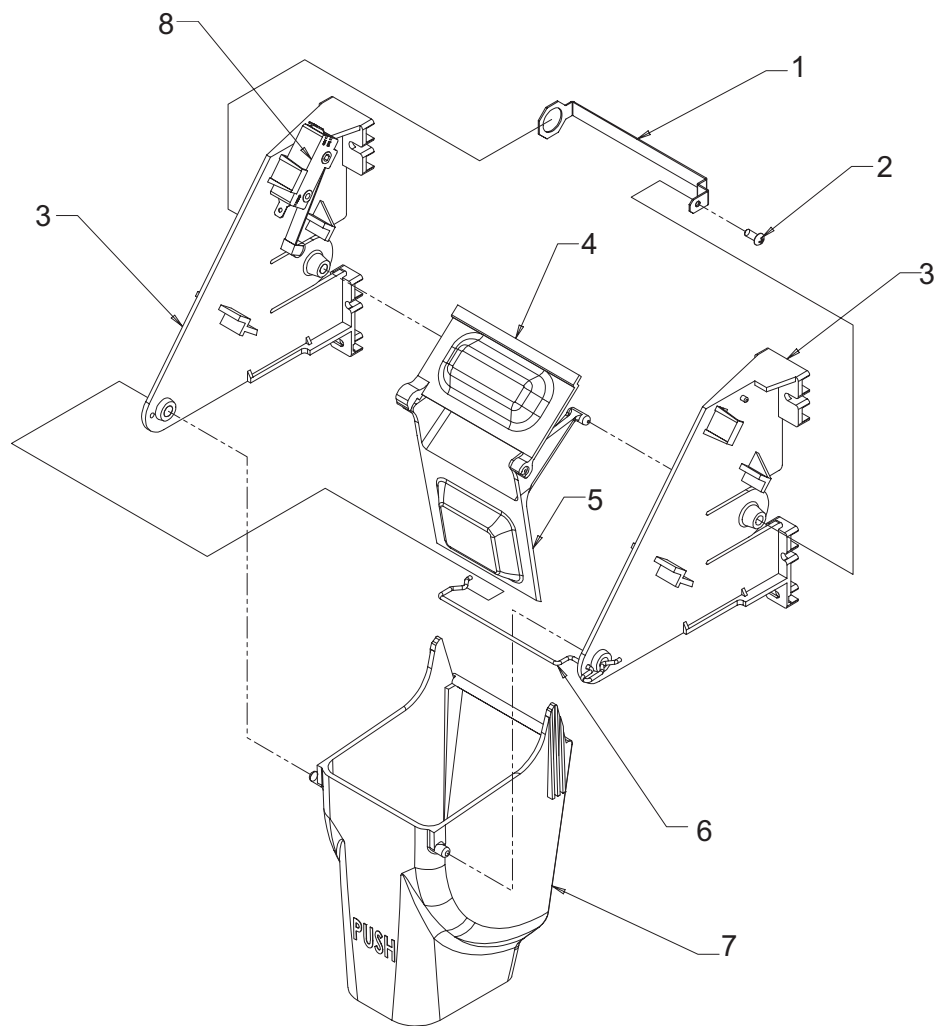
## Dispensing Components



| Item Number | Part Number | Description                      | Item Number | Part Number | Description         |
|-------------|-------------|----------------------------------|-------------|-------------|---------------------|
| 1           | 03-3837-01  | Hitch pin                        | 11          | 03-1731-02  | Retainer            |
| 2           | 02-3989-01  | Sweep arm                        | 12          | 03-1731-04  | Cupped washer       |
| 3           | 02-3040-01  | Dispense rotor                   | 13          | 03-1731-03  | Spring              |
| 4           | A38145-001  | Hub plate                        | 14          | 03-3838-02  | ¼ turn stud         |
| 5           | A38314-001  | HD30 bin assembly                | 15          | 03-1645-01  | Screw               |
|             | A38314-002  | HD22 bin assembly                | 16          | A38342-001  | Mounting plate      |
| 6           | 13-0940-01  | Insulation pad                   | 17          | 03-1531-01  | Screw               |
| 7           | 03-3841-02  | Loop clamp                       | 18          | A34760-001  | Hub                 |
| 8           | 03-1404-12  | Screw                            | 19          | A38446-001  | Switch guard        |
| 9           | 13-0939-01  | Insulation for hub               | 20          | 02-3965-01  | Spout               |
| 10          | 12-2897-01  | Dispense gearmotor, dual voltage | 21          | 02-4000-01  | Gasket              |
|             |             |                                  | 22          | 19-0503-09  | Gasket, 4" each end |
|             |             |                                  | 23          | A38341-002  | Bin door            |

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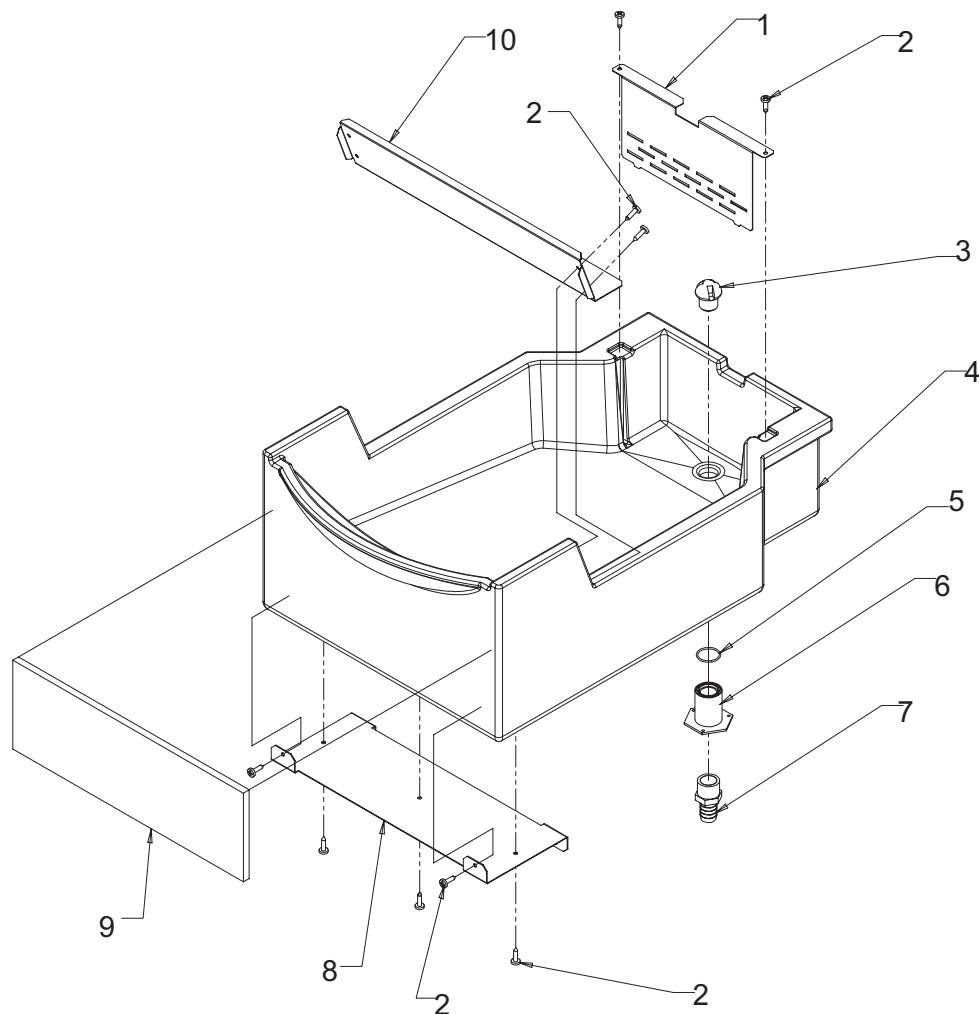
## Ice Chute Mechanism



| Item Number | Part Number | Description    |
|-------------|-------------|----------------|
| 1           | A38455-001  | Clip           |
| 2           | 03-1531-01  | Screw          |
| 3           | 02-3964-01  | Bracket        |
| 4           | 02-3963-01  | Door lock      |
| 5           | 02-3962-01  | Door           |
| 6           | 02-3970-01  | Wire           |
| 7           | 02-3961-01  | Dispense chute |
| 8           | 12-2879-01  | Vend switch    |

# HD22 and HD30 Service Parts

## Ice Catch Pan

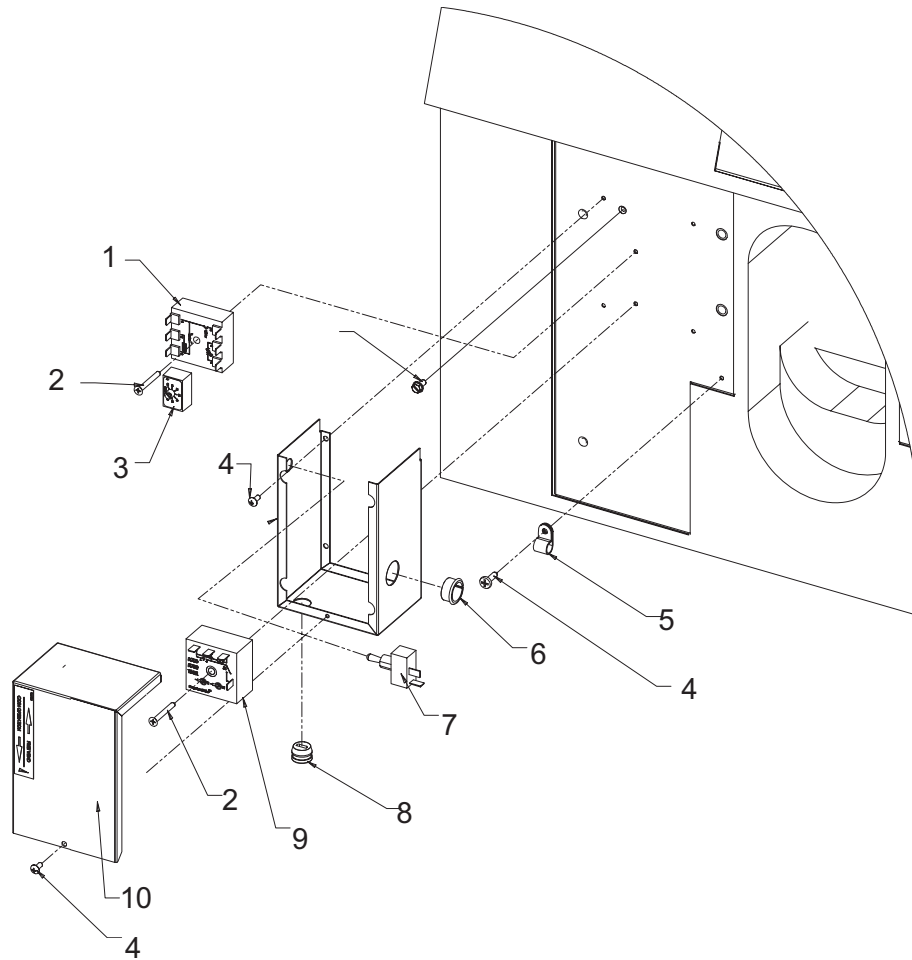


| Item Number | Part Number | Description                |
|-------------|-------------|----------------------------|
| 1           | A38332-001  | Screen                     |
| 2           | 03-1404-12  | Screw                      |
| 3           | 02-2809-02  | Drain top                  |
| 4           | A38316-021  | Complete assembly as shown |
| 5           | 02-4193-01  | Flat washer                |
| 6           | 02-3201-01  | Drain bottom               |
| 7           | 16-1099-01  | Drain fitting              |
| 8           | A38454-001  | Drain pan bracket          |
| 9           | 02-3999-01  | Foam pad                   |
| 10          | A38447-001  | Drain guard                |



# HD22 and HD30 Service Parts

## Control Box



| Item   | Part           |                       | Not shown |            |                                |
|--------|----------------|-----------------------|-----------|------------|--------------------------------|
| Number | Number         | Description           |           |            |                                |
| 1      | 12-2948-01     | Coin mech timer*      | 11        | 12-2880-01 | 60 Hz harness, basic and water |
| 2      | 03-1419-16     | Screw                 |           | 12-2891-01 | Coin mech harness              |
| 3      | part of item 1 |                       |           | 12-2904-01 | 50 Hz harness                  |
| 4      | 03-1531-01     | Screw                 | 12        | 12-1638-20 | 115 volt power cord            |
| 5      | 03-3841-01     | Loop clamp            |           | 12-1638-18 | 230 volt power cord            |
| 6      | 12-1213-10     | Snap bushing          |           |            |                                |
| 7      | 12-0426-01     | Free vend switch      |           |            |                                |
| 8      | 12-0629-08     | Strain relief         |           |            |                                |
| 9      | 12-2881-01     | 60 Hz off cycle timer |           |            |                                |
|        | 12-2881-02     | 50 Hz off cycle timer |           |            |                                |
| 10     | A38330-001     | Control box cover     |           |            |                                |

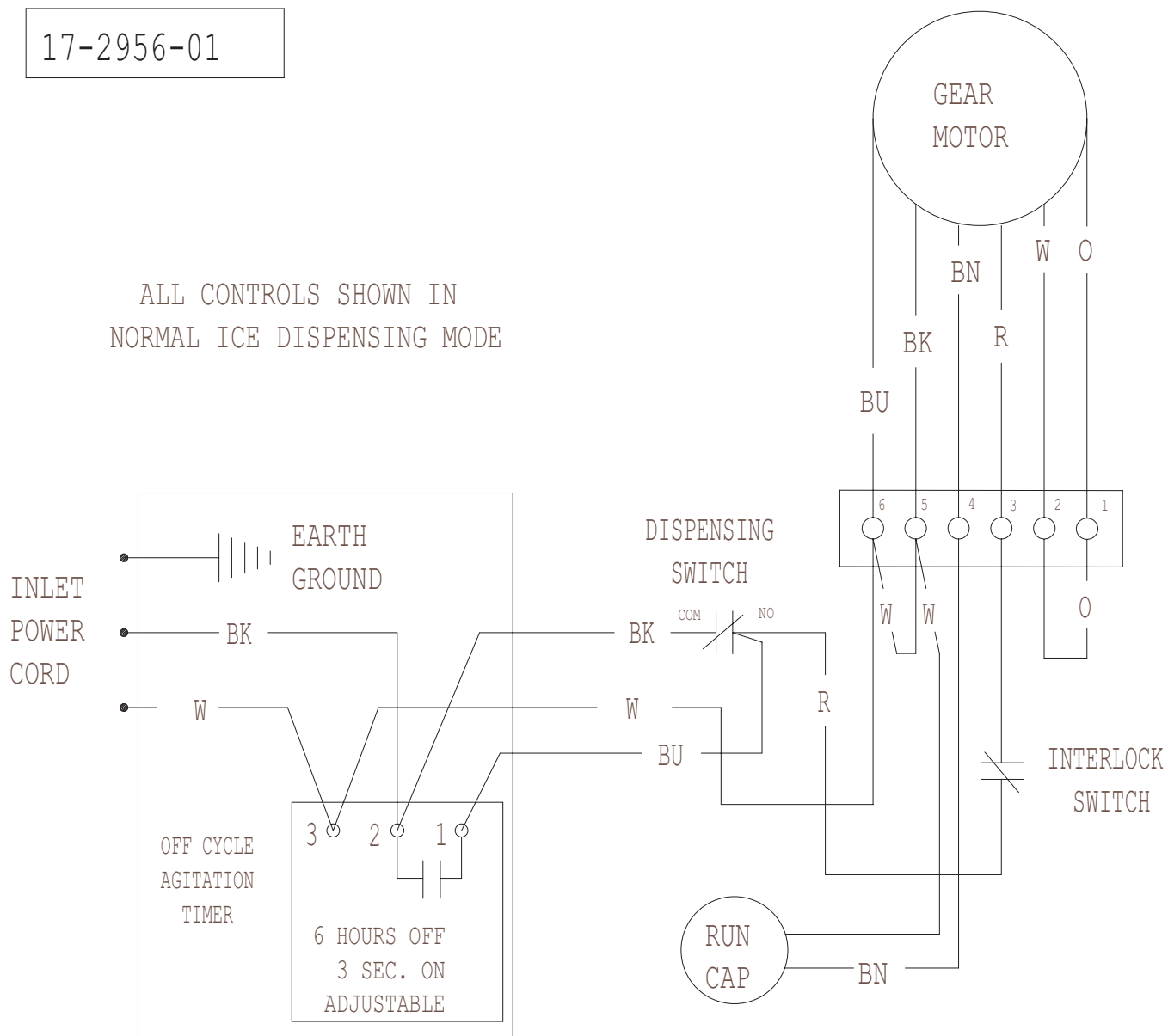
\* Note: Use of this timer includes a wiring change. Prior timers had separate adjustment modules and used the wiring diagram on page 13. Refer to page 15 for wiring of this timer.

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## Wiring Diagram, 115 volt, 60 Hz Basic and Water Station

17-2956-01

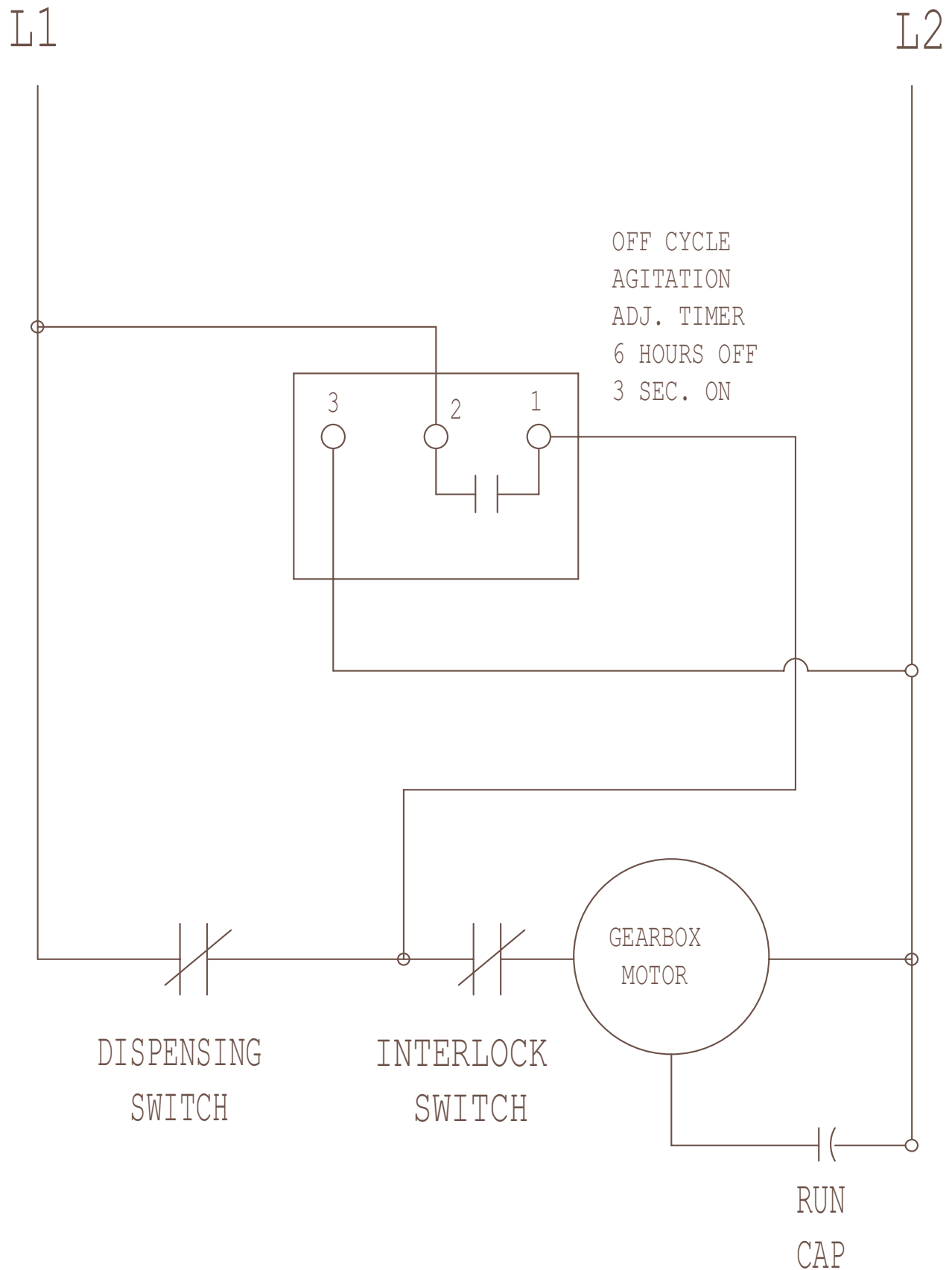
ALL CONTROLS SHOWN IN  
NORMAL ICE DISPENSING MODE



USE COPPER CONDUCTORS ONLY

# HD22 and HD30 Service Parts

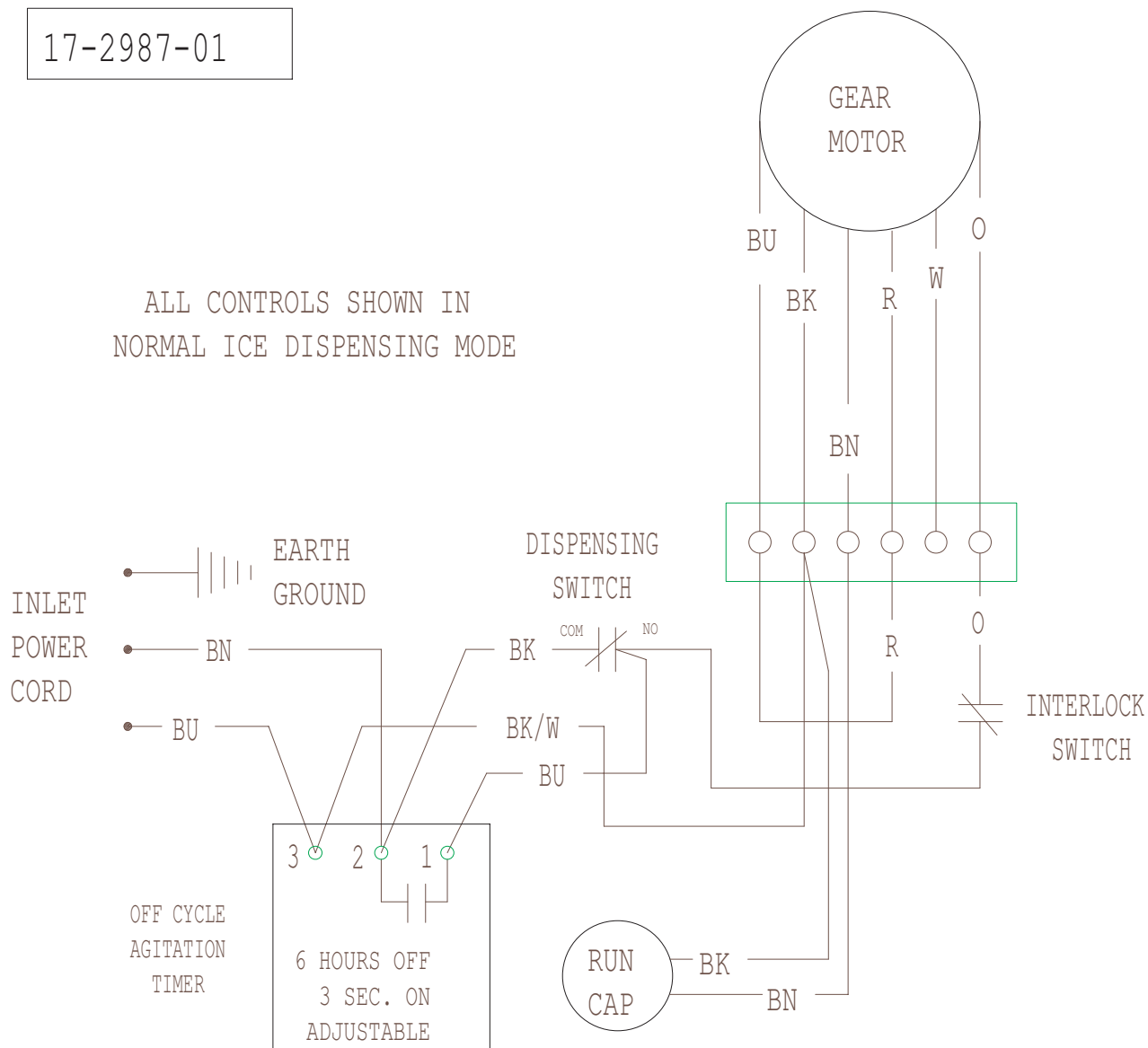
## Schematic Diagram, Basic and Water Station Models



# HD22 and HD30 Service Parts

## Wiring Diagram, 230 volt, 50 Hz Basic

17-2987-01

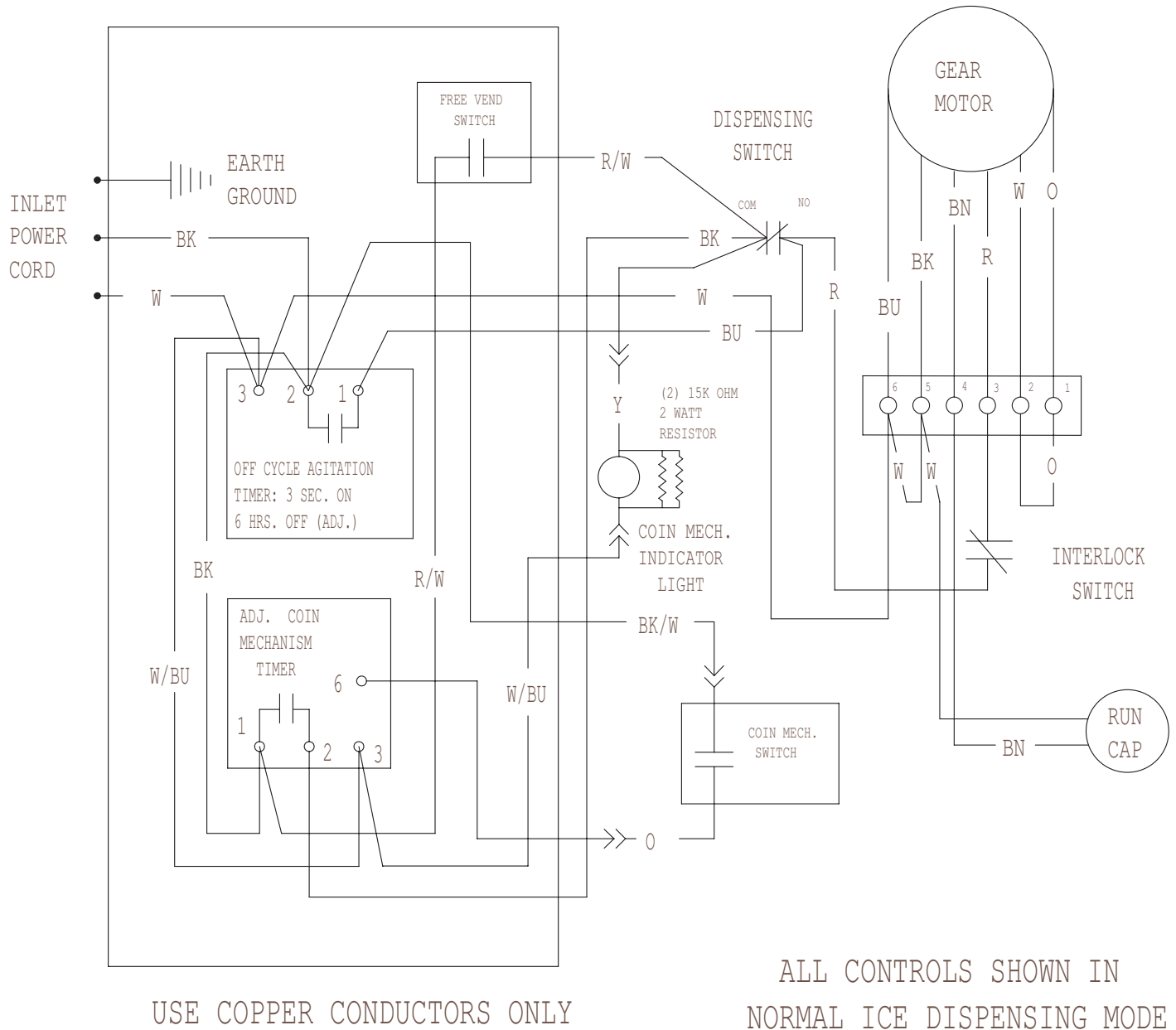


USE COPPER CONDUCTORS ONLY

# HD22 and HD30 Service Parts

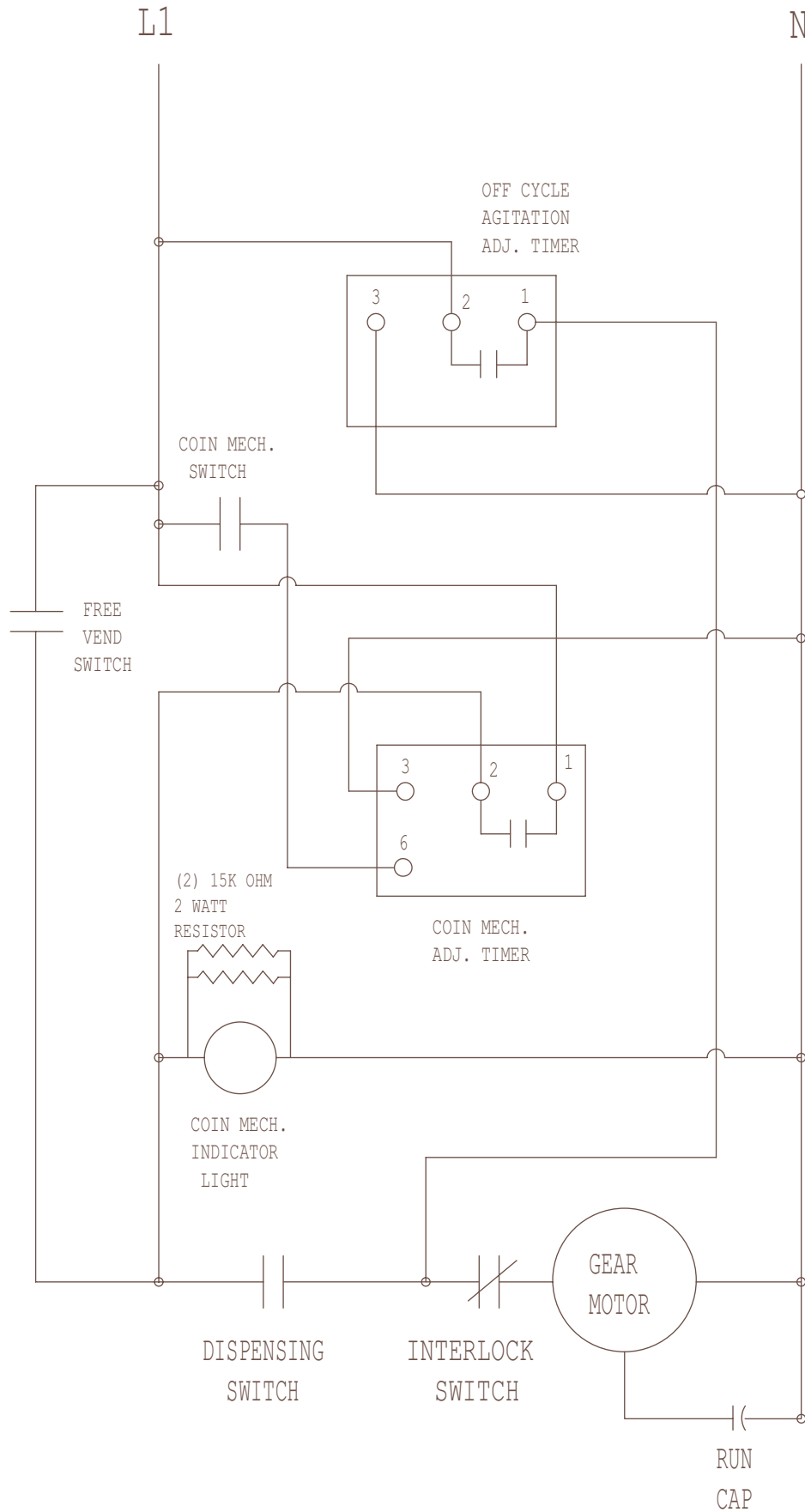
## Wiring Diagram for Coin Mechanism Model, with prior coin mech timer

17-2967-01

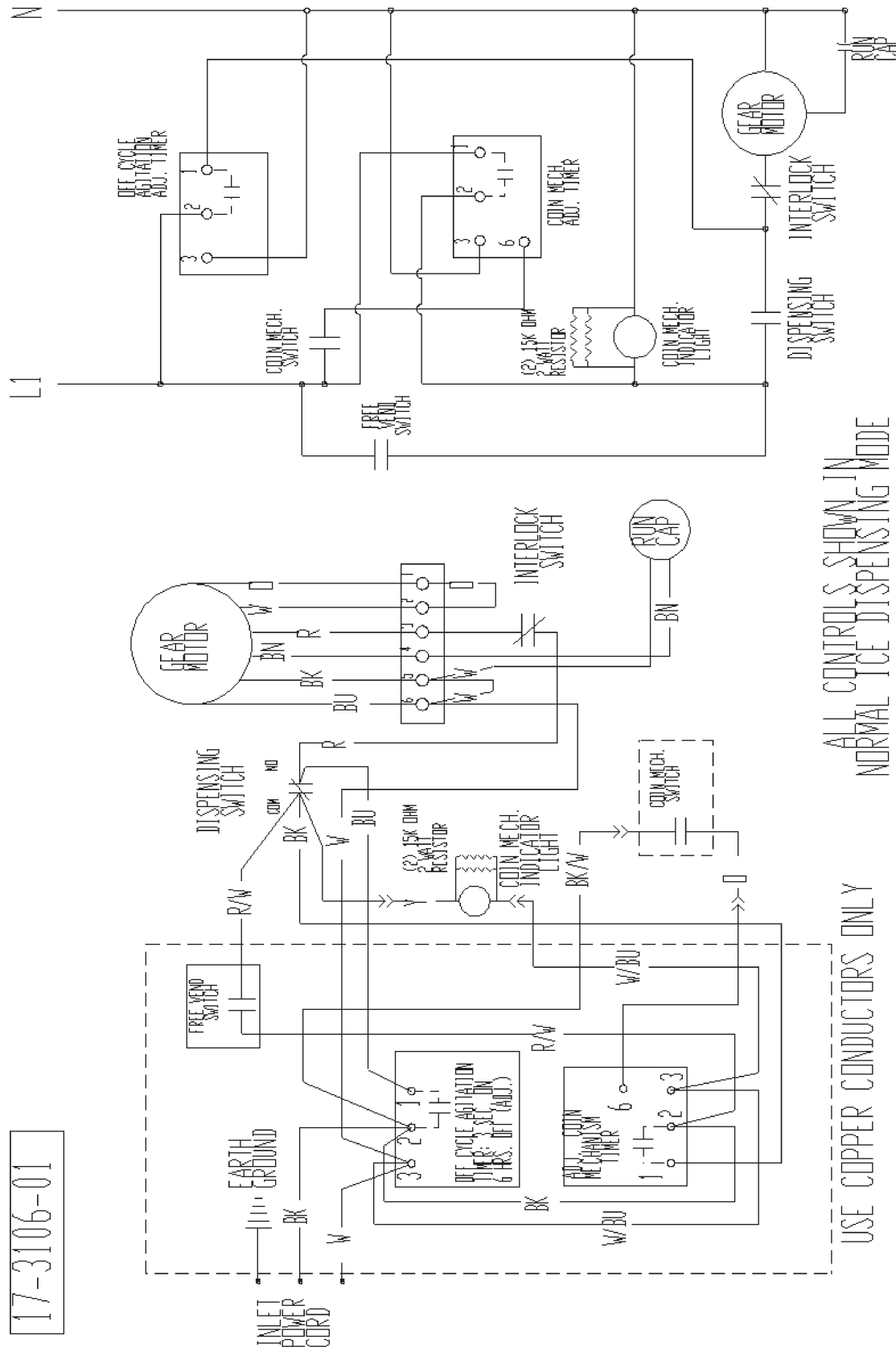


# HD22 and HD30 Service Parts

## Schematic Diagram for Coin Mechanism Model



## Wiring Diagram for Coin Mechanism Model after 2006 coin mech timer change



### ALL CONTROLS SHOWN IN MODE NORMAL ICE DISPENSING

USE COPPER CONDUCTORS ONLY