



HOSHIZAKI

Service Manual

Ice Dispensing Bin

Models

DB-I30H

DBW-I30H

DB-200H

DBW-200H



hoshizakiamerica.com

Number: 73270
Issued: 4-29-2026

⚠ WARNING

Only qualified service technicians should install and service the appliance. To obtain the name and phone number of your local Hoshizaki Certified Service Representative, visit www.hoshizakiamerica.com. No service should be undertaken until the technician has thoroughly read this Service Manual. Failure to service and maintain the appliance in accordance with this manual will adversely affect safety, performance, component life, and warranty coverage and may result in costly water damage. Proper installation is the responsibility of the installer. Product failure or property damage due to improper installation is not covered under warranty.

Hoshizaki provides this manual primarily to assist qualified service technicians in the service and maintenance of the appliance.

Should the reader have any questions or concerns which have not been satisfactorily addressed, please call, send an e-mail message, or write to the Hoshizaki Technical Support Department for assistance.

Phone: 1-800-233-1940; (770) 487-2331

E-mail: tech-support@hoshizaki.com

HOSHIZAKI AMERICA, INC.

618 Highway 74 South

Peachtree City, GA 30269

Attn: Hoshizaki Technical Support Department

NOTE: To expedite assistance, all correspondence/communication **MUST** include the following information:

- Model Number _____
- Serial Number _____
- Complete and detailed explanation of the problem.

IMPORTANT

This manual should be read carefully before the appliance is serviced. Read the warnings and guidelines contained in this manual carefully as they provide essential information for the continued safe use, service, and maintenance of the appliance. Retain this manual for any further reference that may be necessary.

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Important Safety Information

Throughout this manual, notices appear to bring your attention to situations which could result in death, serious injury, damage to the appliance, or damage to property.

| | |
|------------------|--|
| ⚠ DANGER | Indicates a hazardous situation that, if not avoided, will result in death or serious injury. |
| ⚠ WARNING | Indicates a hazardous situation that, if not avoided, could result in death or serious injury. |
| NOTICE | Indicates a situation that, if not avoided, could result in damage to the appliance or property. |
| IMPORTANT | Indicates important information about the use and care of the appliance. |

⚠ WARNING

Use the appliance only in the capacity for which it has been expressly conceived. Any other use is improper and therefore dangerous. The manufacturer cannot be held responsible for injury or damage resulting from improper, incorrect and unreasonable use. Failure to install, operate and maintain the appliance in accordance with this manual will adversely affect safety, performance, component life and warranty coverage, and may result in costly water damage.

To reduce the risk of death, electric shock, serious injury, or fire, follow basic precautions including the following:

- Only qualified service technicians should install and service the appliance.
- Install the appliance in accordance with applicable national, state, and local codes and regulation requirements.
- Electrical connection must be hard-wired and must meet national, state, and local electrical code regulation requirements. Failure to meet these code requirements can result in death, electric shock, serious injury, fire, or damage.
- The appliance requires an independent power supply of proper capacity. See the nameplate for electrical specifications. Failure to provide an independent power supply of proper capacity can result in a tripped breaker, blown fuse, damage to existing wiring, or component failure, resulting in heat generation or fire.
- **THE APPLIANCE MUST BE GROUNDED.** Failure to properly ground the appliance can result in death or serious injury.
- Turn off the power supply before servicing. Lockout/Tagout to prevent the power supply from being turned back on inadvertently.
- Do not make any alterations to the appliance. Alterations can result in electric shock, serious injury, fire or damage.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless a person responsible for their safety has provided supervision and instruction concerning use of the appliance.
- Children should be properly supervised around the appliance.
- Do not climb, stand or hang on the appliance, or allow children or animals to do so. Serious injury or damage to the appliance can result.

⚠ WARNING, continued

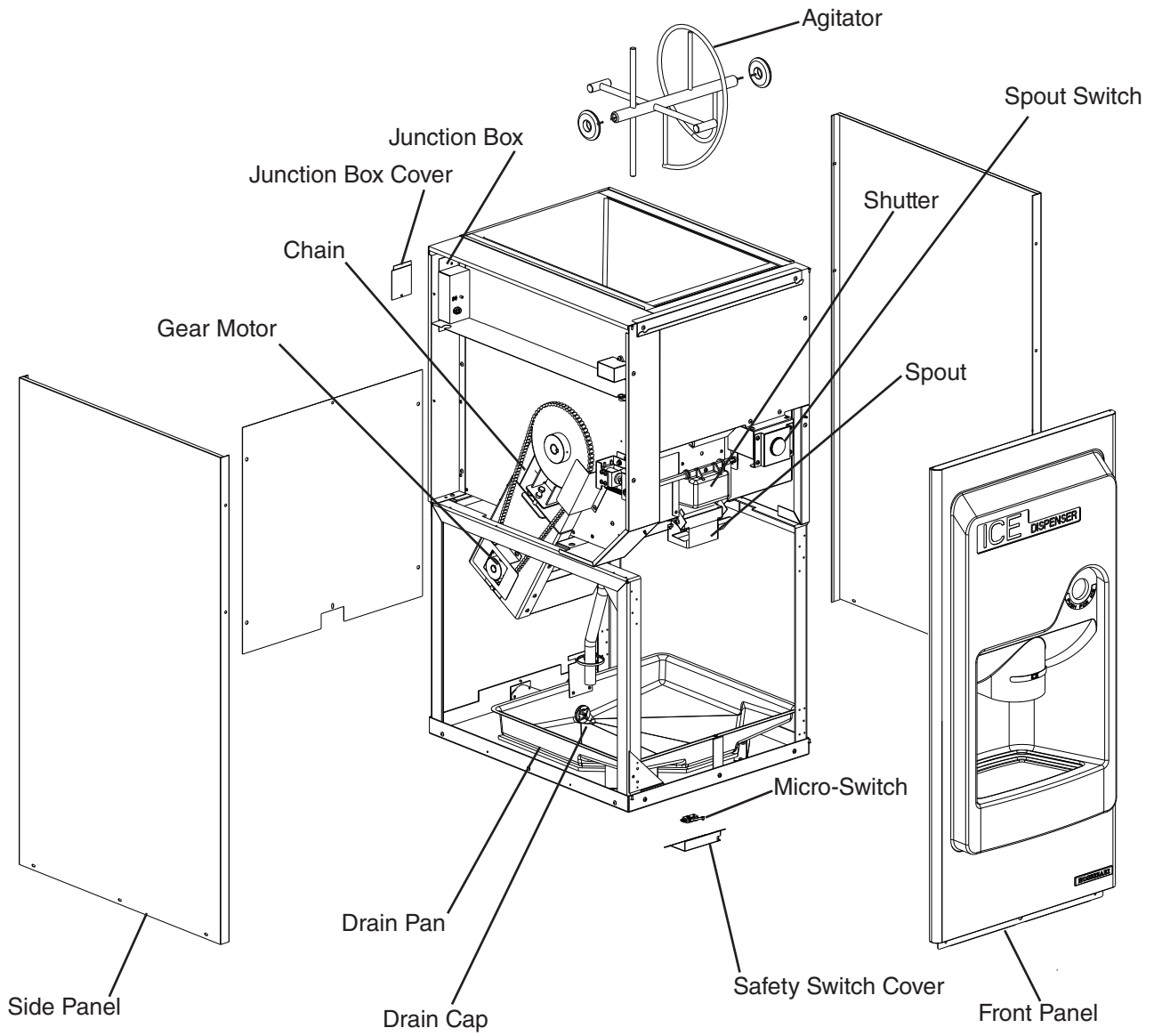
- Do not use combustible spray or place volatile or flammable substances near the appliance. They might catch fire.
- Keep the area around the appliance clean. Dirt, dust, or insects in the appliance could cause harm to individuals or damage to the appliance.

NOTICE

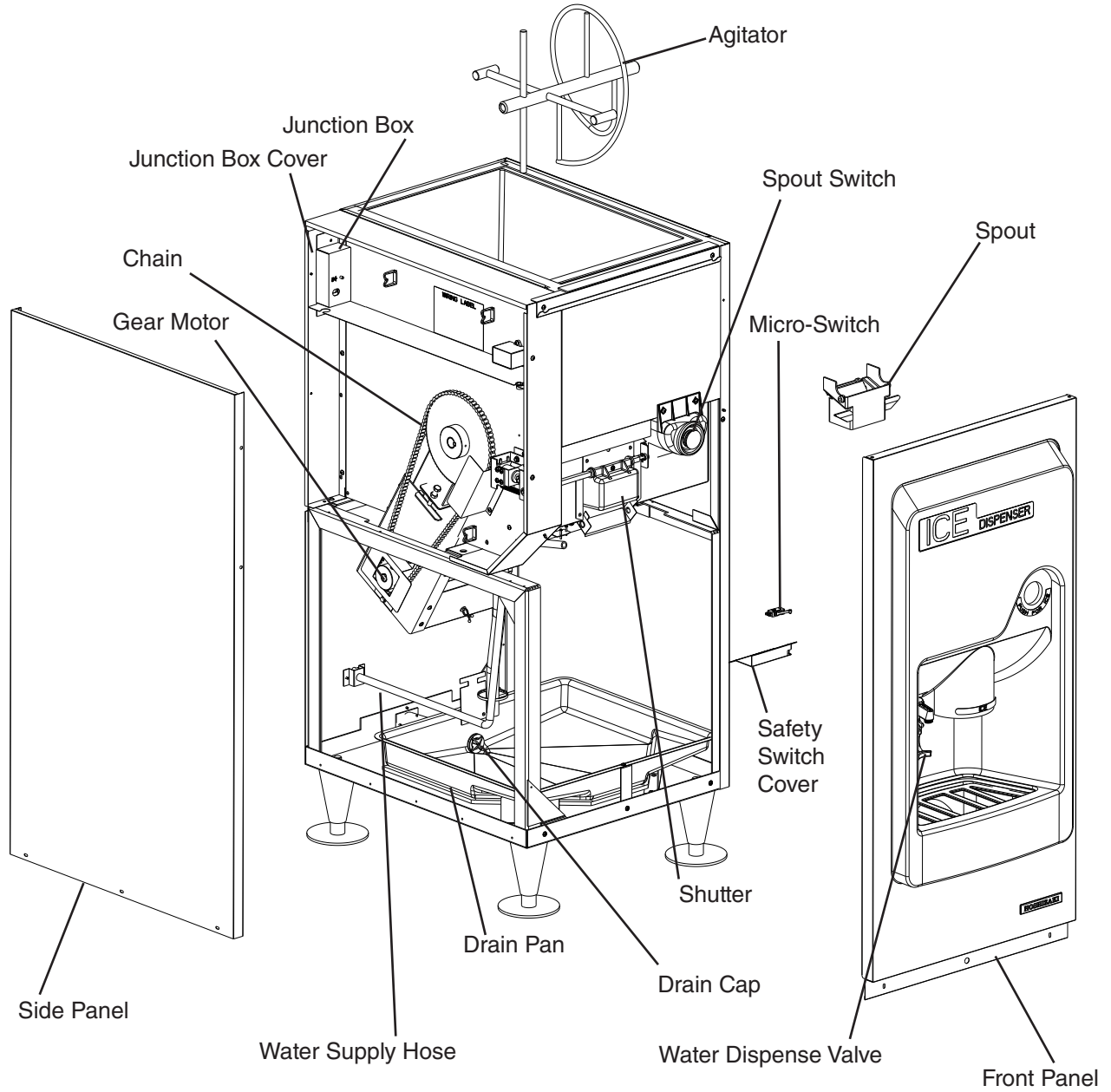
- Follow the instructions in this manual carefully to reduce the risk of costly water damage.
- Do not place objects on top of the appliance.
- The ice dispenser storage bin is for ice use only. Do not store anything else in the ice dispenser storage bin.

I. Construction

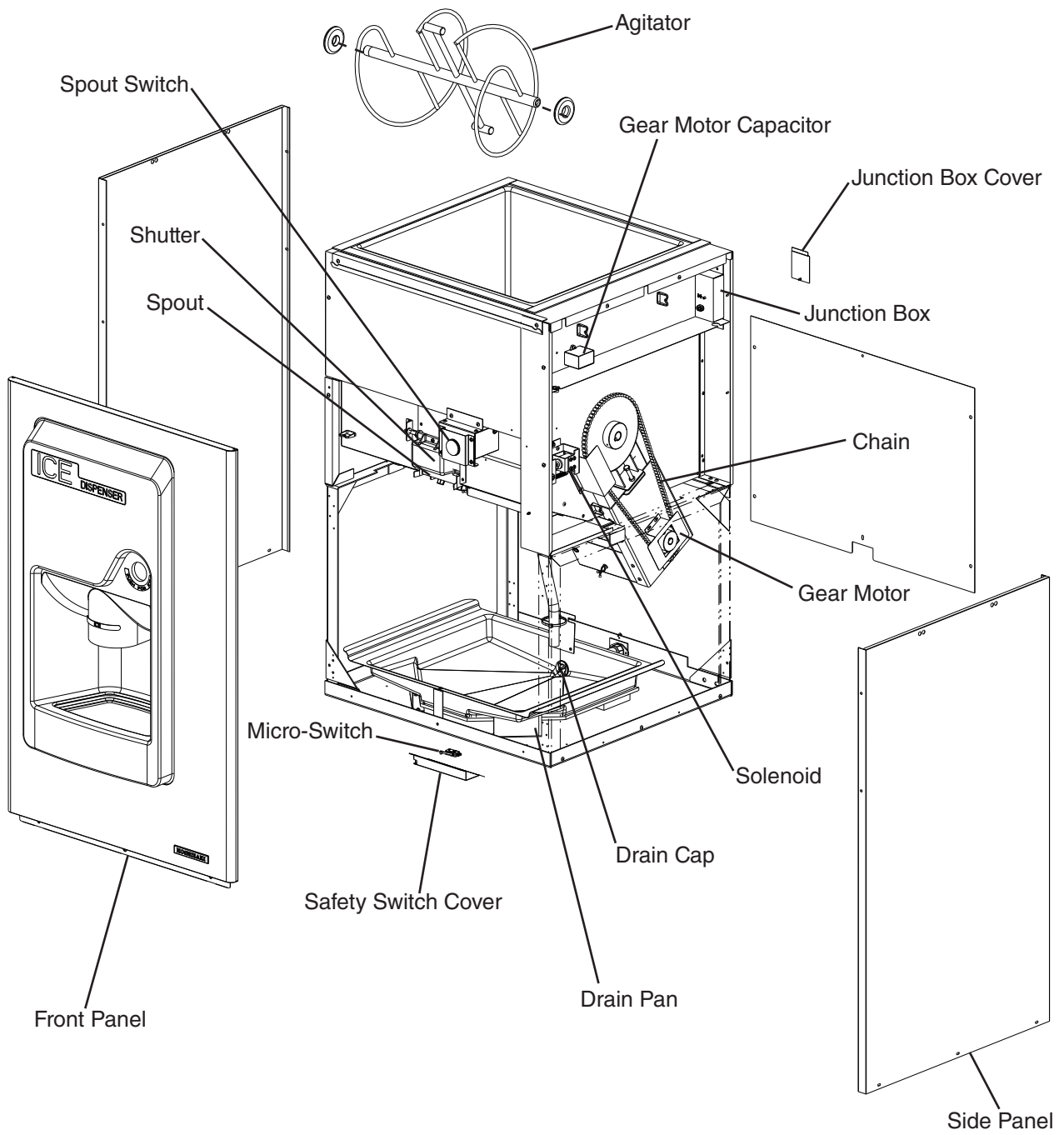
A. DB-130H



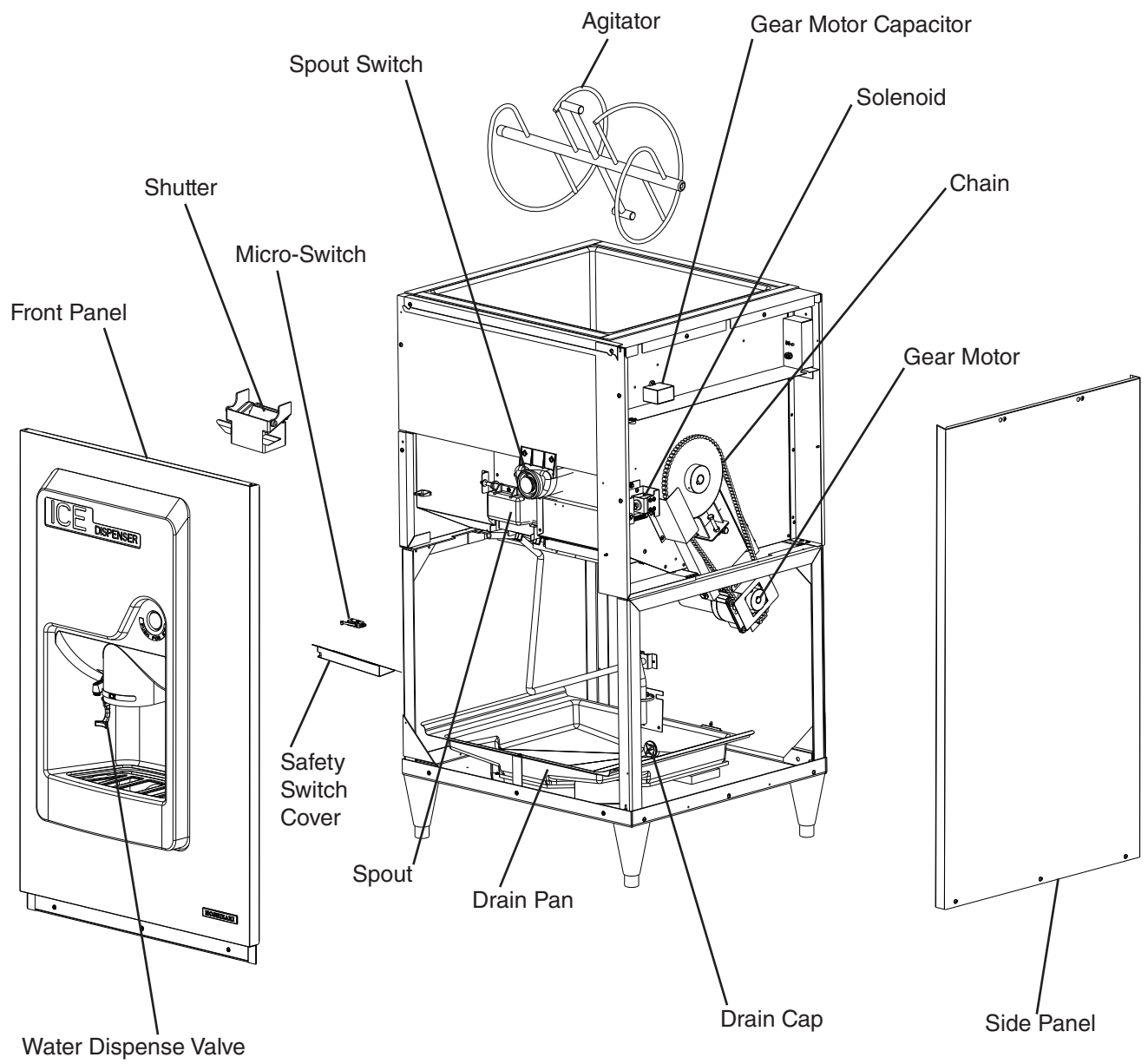
B. DBW-130H



C. DB-200H



D. DBW-200H



II. Service Diagnosis

A. Service Diagnosis

⚠ WARNING

- Risk of electric shock. Use extreme caution and exercise safe electrical practices.
- Turn off the power supply before servicing. Lockout/Tagout to prevent the power supply from being turned back on inadvertently.
- Moving parts (e.g., agitator) can crush and cut. Keep hands clear.
- **CHOKING HAZARD:** Ensure all components, fasteners, and thumbscrews are securely in place after the appliance is serviced. Make sure that none have fallen into the ice dispense storage bin.
- Make sure all Ice/Water zones in the appliance are clean after service.

1. Diagnostic Procedure

The diagnostic procedure is a sequence check that allows you to diagnose the electrical system and components. Before proceeding, check for correct installation, adequate water pressure (10 PSIG (68.9 kPaG) and a maximum water pressure of 113 PSIG (779.1 kPaG)), and proper voltage per unit nameplate. Ensure the icemaker is supplying ice to the dispenser unit.

- 1) Remove the front, right, left and rear side panels. See instructions "II.C. How to Remove Panels." **IMPORTANT!** Appliance will not start unless the push switch and the safety switch are engaged.
- 3) **Push Switch** – Press the IDB; Ensure the shutter opens, gear motor energizes and the agitator rotates.
- 4) **Safety Switch** – Press and hold the IDB and pull the spout towards you to ensure the agitator stops. Check for movement of the MS components within the SS.
- 5) **Startup** – Note: When checking high voltage (115VAC), always choose a neutral (W) wire to establish a good neutral connection.

Power Supply: Check for 115VAC across the solenoid. If 115VAC is not present, check the PS, SS, S, power cord connection, and breaker.

GMC: If 115VAC is present across the solenoid, check the capacitor and ensure it is within tolerance according to the wiring label.

GM: Check the GM internal protector (windings). If closed and the GM is energized, check the coupling between the auger and the GM. If closed and the GM is not energized, replace the GM. If open, allow time for the GM to cool down and the internal protector to reset. After the GM cools, if the internal protector remains open, replace the GM. Note: Open windings indicate overheating and needs investigated.

6) **Water Dispense** – To confirm that the water dispenses properly from the WDV, open the water supply shutoff valve. Place container under the WDV and push the water dispense actuator arm to fill. Diagnosis: Nothing occurs check water system and electrical connections. For water leaks check DC, DH and DP refer to instruction manual "II.F. Water Supply and Drain Connections."

Legend: **DC**–drain cap; **DH**–drain hose; **DP**–drain pan; **GM**–gear motor; **GMC**–gear motor capacitor; **ISB**–ice storage bin; **MS**–micro-switch; **SS**–safety switch; **S**–shutter; **S**–solenoid

2. Diagnostic Table

a) No Ice Dispensed

| No Ice Production - Possible Cause | | |
|--|---|--|
| 1. Power Supply | a) "OFF" position. | a) Move to "ON" position. |
| | b) Loose connection. | b) Tighten. |
| | c) Bad contacts. | c) Check for continuity and replace. |
| | d) Voltage too high. | d) Check and get recommended voltage. |
| 2. Fuse (Inside Fused Disconnect, if any) | a) Blown. | a) Check for short circuit and replace. |
| 3. Spout Switch | a) Bad contacts. | a) Check for continuity and replace. |
| | b) Loose connection. | b) Tighten. |
| 4. Door Switch | a) Front panel is not in position. | a) Place in position. |
| | b) Actuating plate does not push door switch. | b) Check for continuity and adjust. |
| | c) Bad contacts. | c) Check for continuity and replace. |
| | d) Loose connection. | d) Tighten. |
| 5. Safety Switch | a) Spout is not in position. | a) Check for continuity and place in position. |
| | b) Bad contacts. | b) Check for continuity and replace. |
| | c) Loose connection. | c) Tighten. |
| 6. Gear Motor | a) Thermal protector is tripped. | a) Allow to cool. |
| | b) Gear motor winding opened. | b) Replace. |
| | c) Bearing worn out. | c) Replace. |
| | d) Wiring to gear motor. | d) Check for loose connection or open circuit, and replace wiring as needed. |
| | e) Defective capacitor. | e) Replace. |
| | f) Agitator rotates in reverse direction. | f) Check leads and reverse the connections. |
| 7. Solenoid | a) Solenoid winding open. | a) Replace. |
| | b) Wiring to solenoid. | b) Check for loose connection or open circuit, and replace wiring as needed. |
| | c) Overload due to loosening screws. | c) After tightening, apply thread sealant to the parts. |
| 8. Mechanism | a) Chain out of position or loose. | a) Place in position or tighten. |
| | b) Corrosion. | b) Apply oil. |
| | c) Key of sprocket is not in position. | c) Place in position. |
| | d) Bad alignment of sprocket. | d) Readjust. |
| | e) Foreign matter interrupting agitator. | e) Remove foreign matter. |
| 9. Ice Storage | a) No ice or little ice in storage bin. | a) Make ice. |
| | b) Ice bridge or block formed. | b) Break with a poker. |
| 10. Gear Motor or Gear Head (Abnormal Noise) | a) Bearing worn out. | a) Replace. |
| | b) Grease leaks. | b) Supply grease and replace O-ring. |
| 11. Mechanism | a) Bad setting. | a) Apply oil and readjust. |
| | b) Bad alignment of sprocket. | b) Readjust. |
| | c) Foreign matter interrupting agitator. | c) Remove foreign matter. |
| 12. Solenoid | a) Overload due to loosening screws. | a) After tightening, apply thread sealant to the parts. |
| | b) Foreign matter on plunger. | b) Clean. |
| 13. Bin Drain (Ice often melts in Bin) | a) Foreign matter blocking bin drain. | a) Remove foreign matter. |

3. Switches

a) Dispense Push Button Switch

The dispense push switch is used to control the operation of this dispensing unit.

The dispense push button switch has 2 positions, "open" with no dispense activation, and "closed," dispense button pushed in, dispense cycle activated.

To check the dispense push switch, follow the steps below.

- 1) Unplug the appliance from the electrical outlet.
- 2) Remove the front panel, then remove the wires on the dispense push button switch.
- 3) Check for continuity across the dispense push button switch. When the switch is not engaged, switch is open. If closed, check that the push button switch is not sticking. If the switch reads closed, replace the dispense push button switch.
- 4) Press and hold the dispense push button; check for continuity across the switch. When the push button switch is engaged, the switch is closed. If open, check that the push button switch is not sticking. If the switch still reads open, replace the dispense push button switch.
- 5) Reconnect the dispense push button wires, then plug the appliance back into the electrical outlet.

b) Safety Switch

The safety switch activates when shutter (B) is pulled open with a hand or foreign object. Once Activated (open) by shutter (B) pulled forward, gear motor and solenoid cannot energize.

To check the safety switch, follow the steps below.

- 1) Unplug the appliance from the electrical outlet.
- 2) Remove the front panel, then remove the wires on the safety switch.
- 3) Check for continuity across the safety switch. When shutter (B) closed, the switch is engaged and closed. Check for continuity across the switch. If open, check that shutter (B) is closed and engaging the switch and that the switch is not sticking. If the switch reads open, replace the safety switch.
- 4) Pull shutter (b) out and secure. The safety switch is dis-engaged and open. Check for continuity across the switch. If closed, check that the safety switch is not sticking. If the switch still reads closed, replace the safety switch.
- 5) Reconnect the safety switch wires, then plug the appliance back into the electrical outlet.

III. Component Service Information

A. Component Removal and Replacement

To remove and replace, follow the steps below.

1. Gear Motor and Chain

- 1) Turn off the power supply.
- 2) Remove the front panel and left side panel.
- 3) Loosen the four bolts holding Gear Motor Bracket (B) and the adjusting bolt.
- 4) Remove the chain.
- 5) Loosen the socket set screw and remove the sprocket by using a gear puller. See Fig. 1.
- 6) Install a new gear motor.

NOTE: When removing the gear motor and gear head, take care to keep the grease.

- 7) Assemble the removed parts in the reverse order of the above procedure. NOTE: When weight (2.2 lb) is applied to the chain at the center, the displacement must be 0.31" to 0.51". Lubricant (Class SAE 20) must be applied to the chain using a cloth.

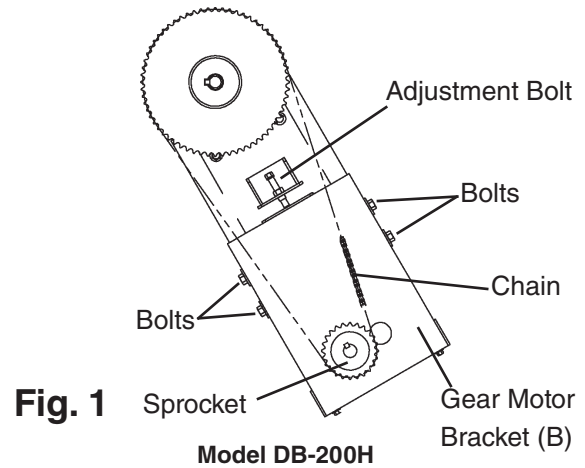
- 8) Turn on the power supply.

2. Safety Switch

- 1) Turn off the power supply.
- 2) Remove the front panel.
- 3) Remove the safety switch cover.
- 4) Disconnect the connectors from the safety switch leads.
- 5) Install a new safety switch.
- 6) Assemble the removed parts in the reverse order of the above procedure.
- 7) Turn on the power supply.

3. Spout Switch

- 1) Turn off the power supply.
- 2) Remove the front panel.
- 3) Remove the spout switch assembly and Barrier (A).
- 4) Disconnect the connectors from the spout switch leads.
- 5) Install a new spout switch.
- 6) Assemble the removed parts in the reverse order of the above procedure.
- 7) Turn on the power supply.



4. Solenoid

- 1) Turn off the power supply.
- 2) Remove the front panel and the left side panel.
- 3) Disconnect the connectors from the solenoid leads, and remove the solenoid assembly.
- 4) Remove the solenoid, and install a new solenoid. Securing torque should be 13" to 17.3" lb.
- 5) Assemble the removed parts in the reverse order of the above procedure.
- 6) Turn on the power supply.

IV. Maintenance

The maintenance schedule below is a guideline. More frequent maintenance may be required depending on water quality, the appliance's environment, and local sanitation regulations.

WARNING

- Only qualified service technicians should service this appliance.
- Failure to install, operate, and maintain the appliance in accordance with this manual will adversely affect safety, performance, component life, and warranty coverage.
- Move the control switch to the "OFF" position and unplug the appliance from the electrical outlet before servicing.
- To reduce the risk of electric shock, do not touch the control switch or plug with damp hands.
- **CHOKING HAZARD:** Ensure all components, fasteners, and thumbscrews are securely in place after any maintenance is performed. Make sure that none have fallen into the ice storage bin.
- After service, make sure that there are no wires pinched between the panels and appliance. Make sure you do not damage or pinch the water supply line, drain line, or power cord.

A. User Maintenance Schedule

The user maintenance schedule below is a guideline. More frequent maintenance may be required depending on water quality, the appliance's environment, and local sanitation regulations.

| Maintenance Schedule | | |
|----------------------|--|---|
| Frequency | Area | Task |
| Bi-Weekly | External Water Filters (if applicable) | Inspect, Wash with warm water and neutral cleaner if dirty. |
| Monthly | Appliance Exterior | Wipe down with a clean, soft cloth. Use a damp cloth containing a neutral cleaner to wipe off oil or dirt build up. Clean any chlorine staining (rust colored spots) using a non-abrasive cleanser. |

B. Service Maintenance Schedule

The service maintenance schedule below is a guideline; service maintenance items are to be performed by qualified service technicians only. More frequent maintenance may be required depending on water quality, the appliance's environment, and local sanitation regulations.

| Maintenance Schedule | | |
|----------------------------|---|---|
| Frequency | Area | Task |
| Monthly | External Water Filters (if applicable) | Check for proper pressure and change if necessary. |
| | Appliance Exterior | Wipe down with a clean, soft cloth. Use a damp cloth containing a neutral cleaner to wipe off oil or dirt build up. Clean any chlorine staining (rust colored spots) using a non-abrasive cleaner like Zud or Bon Ami. |
| Every 6 Months | Appliance and Ice Bin Assembly | Clean and sanitize per the cleaning and sanitizing instructions provided in the instruction manual. |
| | Dispense Drain Pan and Gear Motor | Wipe down with a clean cloth and warm water. Slowly pour one cup of sanitizing solution (prepare as outlined in the sanitizing instructions in this manual) into the dispense drain pan and gear motor drain pan. Be careful not to overflow the dispense or gear motor drain pan. Repeat with a cup of clean water to rinse. |
| | Ice Bin Assembly and Drain Line | Check to make sure it is clear. |
| Yearly | Ice Bin Assembly and Water Dispense Valve | Close the water supply line shut-off valve and drain the water/ice system. Clean the ice bin assembly and water dispense valve and inspect the dispense drain pan assembly. |
| | Water Hoses | Inspect the water hoses and clean/replace if necessary. |
| | Mechanism Assembly | Inspect and oil the chain (2 or 3 drops) annually. Adjust as necessary for 3/8" (10 mm) to 1/2" (13 mm) free play. |
| | Appliance | Inspect for oil spots, loose components, fasteners, and wires. |
| After 3 Years, then Yearly | Bearing | Inspect. Replace bearings if wear exceeds factory recommendations. See the Service Manual for details. |

V. Preparing the Appliance for Periods of Non-Use

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| ⚠ WARNING |
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| <ul style="list-style-type: none">• Only qualified service technicians should service this appliance. |
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| NOTICE |
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| <ul style="list-style-type: none">• During extended periods of non-use, extended absences, or in sub-freezing temperatures, follow the instructions below to reduce the risk of costly water damage.• Do not store in sub-freezing temperatures. |
|---|

- 1) Close the ice dispenser's water supply line shut-off valve.
- 2) Remove the icemaker front panel, then move the control switch to the "OFF" position. Turn the icemaker power supply off. See the icemaker's instruction manual "Preparing the Appliance for Periods of Non-Use."
- 3) Dispense all of the ice from the ice dispenser bin, then turn off the ice dispenser power supply.
- 4) Remove the ice dispenser's front panel.
- 5) Reposition the icemaker to access the inside of the ice dispenser bin. Be sure that the icemaker is secured and cannot fall.
- 6) Dry the storage bin using a clean cloth.
- 7) Reposition and secure the icemaker in its correct position.
- 8) Disconnect the ice dispenser's water hose from the water valve and drain all water from the water hose.
- 9) Reconnect and secure the ice dispenser's water hose.
- 10) Wipe out the drain pan.
- 11) Replace and secure the ice dispenser's front panel in its correct position.

VI. Disposal

The appliance contains refrigerant and must be disposed of in accordance with applicable national, state, and local codes and regulations. Refrigerant must be recovered and safely disposed of by properly trained service personnel.

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of recovered refrigerant. It is essential that electrical power is available before the task is commenced.

- Become familiar with the equipment and its operation.
- Isolate the system electrically.
- **Before attempting the procedure, ensure that:**
 - mechanical handling equipment is available, if required, for handling refrigerant cylinders.
 - all personal protective equipment is available and being used correctly.
 - the recovery process is supervised at all times by a competent person.
 - recovery equipment and cylinders conform to the appropriate standards.
- Pump down refrigerant system, if possible.
- If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
- Make sure that cylinder is situated on the scales before recovery takes place.
- Start the recovery machine and operate in accordance with instructions.
- Do not overfill cylinders (no more than 80% volume liquid charge).
- Do not exceed the maximum working pressure of the cylinder, even temporarily.
- When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
- Recovered refrigerant shall not be charged into another refrigerating system unless it has been cleaned and checked.

VII. Technical Information

We reserve the right to make changes in specifications and design without prior notice.

A. Specification Sheets

1. DB-130H

Specification Sheet

| | |
|----------------------------------|----------|
| AC SUPPLY VOLTAGE | 115/60/1 |
| AMPERAGE | 1.4 A |
| MINIMUM CIRCUIT AMPACITY | 15 A |
| MAXIMUM FUSE SIZE | 15 A |
| APPROXIMATE ELECTRIC CONSUMPTION | 110 W |

| | |
|------------------------------|-----------------|
| APPROXIMATE STORAGE CAPACITY | 130 lbs (60 Kg) |
|------------------------------|-----------------|

| | |
|----------------------------------|-----------------------|
| APPROXIMATE ICE DISPENSING SPEED | 20 lbs/min (9 kg/min) |
|----------------------------------|-----------------------|

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|-----------------------------------|--|
| EXTERIOR DIMENSIONS (W x D x H) | 22" x 30" x 53" (560 x 757 x 1346 mm) With 6" Legs |
| INTERIOR DIMENSIONS (W x D x H) | 15.3" x 22.4" x 22.5" (389 x 569.5 x 571 mm) |
| EXTERIOR FINISH | Plastic/SUS Front Cover, P.V.C Galvanized Steel Side Panels Galvanized Steel Rear Panel |
| INTERIOR FINISH | Polyethelene 1 pc. Mold |
| INSULATION | Polyurethane Foam |
| WEIGHT | Net 178.4 lbs (81 kg), Shipping 220 lbs (100 kg) |
| CONNECTIONS - ELECTRIC | Permanent Connection |
| - DRAIN | Outlet 3/4" FPT |
| - WATER INLET | N/A |

| | |
|------------|--------------------------------------|
| GEAR MOTOR | 60 W |
| AGITATOR | Stainless Steel Round Bar 14.5" Dia. |

| | |
|-----------------------|---|
| GEAR MOTOR PROTECTION | Thermal Protector (Internal) |
| SAFTEY PROTECTION | Interlock Switch for Front Panel Saftey Switch for Ice Spout |

| | |
|------------------------|----------------|
| ACCESSORIES - OPTIONAL | 6" Legs, 4 pcs |
|------------------------|----------------|

| | | |
|----------------------|---------------|-------------|
| OPERATING CONDITIONS | VOLTAGE RANGE | 104 - 132 V |
| | AMBIENT TEMP. | 45 - 100° F |

2. DBW-130H

Specification Sheet

| | |
|---|---|
| AC SUPPLY VOLTAGE (V/Hz/PH) | 115/60/1 |
| AMPERAGE (A) | 1.4A |
| MINIMUM CIRCUIT AMPACITY (A) | 15A |
| MAXIMUM FUSE SIZE (A) | 15A |
| APPROXIMATE STORAGE CAPACITY lb (kg) | 130 (60) |
| APPROXIMATE ICE DISPENSING RATE lb/min (kg/min) | 20 (9) |
| EXTERIOR DIMENSIONS-SHIPPING WxDxH in (mm) | 24" x 31" x 60" (610 x 787 x 1524 mm) |
| EXTERIOR DIMENSIONS-PRODUCT WxDxH in (mm) | 22" x 30" x 53" (762 x 757 x 1346 mm) With 6" Legs |
| EXTERIOR FINISH | SUS Front Cover, Galvanized Side & Rear Panels |
| INTERIOR FINISH | Polyethelene 1 pc. Mold |
| WEIGHT lb (kg) | Net 180 lbs (82 kg), Shipping 222 lbs (101 kg) |
| CONNECTIONS - ELECTRIC | Permanent Connection |
| - WATER SUPPLY | Inlet Inlet 1/2" FPT |
| - DRAIN | Outlet Outlet 3/4" FPT |
| GEAR MOTOR | 60 W |
| AGITATOR | Stainless Steel Round Bar 14.5" Dia. |
| GEAR MOTOR PROTECTION | Thermal Protector (Internal) |
| SAFTEY PROTECTION | Interlock Switch for Front Panel, Saftey Switch for Ice Spout |
| FOAM BLOWING AGENT | |
| ACCESSORIES -SUPPLIED | None |
| -REQUIRED | Ice Machine |
| -OPTIONAL | 6" Legs, 4 pcs |
| OPERATING CONDITIONS | VOLTAGE RANGE (V) 108 - 127 |
| | AMBIENT TEMP. °F (°C) 45 - 100 (7.2 - 37.8) |
| | WATER SUPPLY TEMP. °F (°C) 45 - 90 (7.2 - 32.2) |
| | WATER SUPPLY PRESSURE kPaG (PSIG) 69 - 779 (10 - 113) |
| | CLIMATIC CLASS 5 |
| | IP RATING 0 |
| | MINIMUM ROOM FLOOR AREA m ² (ft ²) NA |
| AGENCY | UL safety, Intertek Sanitation |

3. DB-200H

Specification Sheet

| | |
|----------------------------------|----------|
| AC SUPPLY VOLTAGE | 115/60/1 |
| AMPERAGE | 1.4 A |
| MINIMUM CIRCUIT AMPACITY | 15 A |
| MAXIMUM FUSE SIZE | 15 A |
| APPROXIMATE ELECTRIC CONSUMPTION | 110 W |

APPROXIMATE STORAGE CAPACITY 200 lbs (91 Kg)

APPROXIMATE ICE DISPENSING SPEED 13 lbs/min (6 kg/min)

| | |
|-----------------------------------|--|
| EXTERIOR DIMENSIONS (W x D x H) | 30" x 30" x 53" (762 x 757 x 1346 mm) With 6" Legs |
| INTERIOR DIMENSIONS (W x D x H) | 23.3" x 22.4" x 22.5" (592 x 569.5 x 571 mm) |
| EXTERIOR FINISH | Plastic/SUS Front Cover, P.V.C Galvanized Steel Side Panels Galvanized Steel Rear Panel |
| INTERIOR FINISH | Polyethelene 1 pc. Mold |
| INSULATION | Polyurethane Foam |
| WEIGHT | Net 187 lbs (85 kg), Shipping 220 lbs (100 kg) |
| CONNECTIONS - ELECTRIC | Permanent Connection |
| - DRAIN | Outlet 3/4" FPT |
| - WATER INLET | N/A |

| | |
|------------|--------------------------------------|
| GEAR MOTOR | 60 W |
| AGITATOR | Stainless Steel Round Bar 14.5" Dia. |

| | |
|-----------------------|---|
| GEAR MOTOR PROTECTION | Thermal Protector (Internal) |
| SAFTEY PROTECTION | Interlock Switch for Front Panel Saftey Switch for Ice Spout |

| | |
|-------------|----------------|
| ACCESSORIES | 6" Legs, 4 pcs |
|-------------|----------------|

| | | |
|----------------------|---------------|-------------|
| OPERATING CONDITIONS | VOLTAGE RANGE | 104 - 132 V |
| | AMBIENT TEMP. | 45 - 100° F |

4. DBW-200H

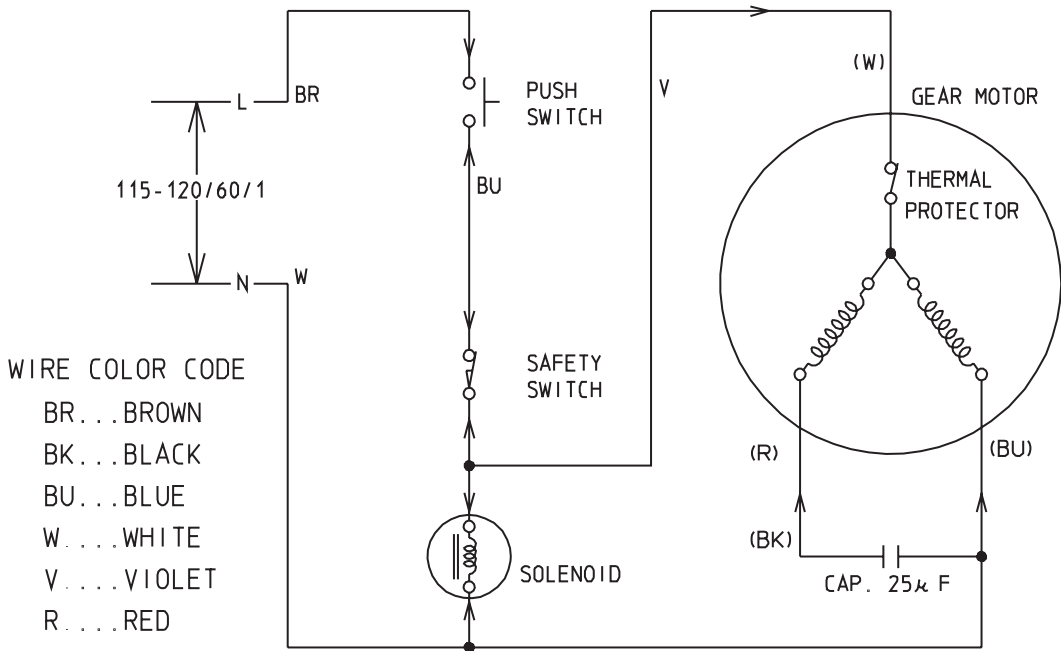
Specification Sheet

| | |
|---|---|
| AC SUPPLY VOLTAGE (V/Hz/PH) | 115/60/1 |
| AMPERAGE (A) | 1.4A |
| MINIMUM CIRCUIT AMPACITY (A) | 15A |
| MAXIMUM FUSE SIZE (A) | 15A |
| APPROXIMATE STORAGE CAPACITY lb (kg) | 200 (91) |
| APPROXIMATE ICE DISPENSING RATE lb/min (kg/min) | 13 (6) |
| EXTERIOR DIMENSIONS-SHIPPING WxDxH in (mm) | 32.3" x 32.8" x 60" (820 x 833 x 1524 mm) |
| EXTERIOR DIMENSIONS-PRODUCT WxDxH in (mm) | 30" x 30" x 53" (762 x 762 x 1346 mm) With 6" Legs |
| EXTERIOR FINISH | SUS Front Cover, Galvanized Side & Rear Panels |
| INTERIOR FINISH | Polyethylene 1 pc. Mold |
| WEIGHT lb (kg) | Net 182 lbs (83 kg), Shipping 224 lbs (102 kg) |
| CONNECTIONS - ELECTRIC | Permanent Connection |
| - WATER SUPPLY | Inlet Inlet 1/2" FPT |
| - DRAIN | Outlet Outlet 3/4" FPT |
| GEAR MOTOR | 60 W |
| AGITATOR | Stainless Steel Round Bar 14.5" Dia. |
| GEAR MOTOR PROTECTION | Thermal Protector (Internal) |
| SAFETY PROTECTION | Interlock Switch for Front Panel, Safety Switch for Ice Spout |
| FOAM BLOWING AGENT | HFO 1233zd€ |
| ACCESSORIES -SUPPLIED | None |
| -REQUIRED | Ice Machine |
| -OPTIONAL | 6" Legs, 4 pcs |
| OPERATING CONDITIONS | VOLTAGE RANGE (V) 108 - 127 |
| | AMBIENT TEMP. °F (°C) 45 - 100 (7.2 - 37.8) |
| | WATER SUPPLY TEMP. °F (°C) 45 - 90 (7.2 - 32.2) |
| | WATER SUPPLY PRESSURE kPaG (PSIG) 69 - 779 (10 - 113) |
| | CLIMATIC CLASS 5 |
| | IP RATING 0 |
| | MINIMUM ROOM FLOOR AREA m ² (ft ²) NA |
| AGENCY | UL safety, Intertek Sanitation |

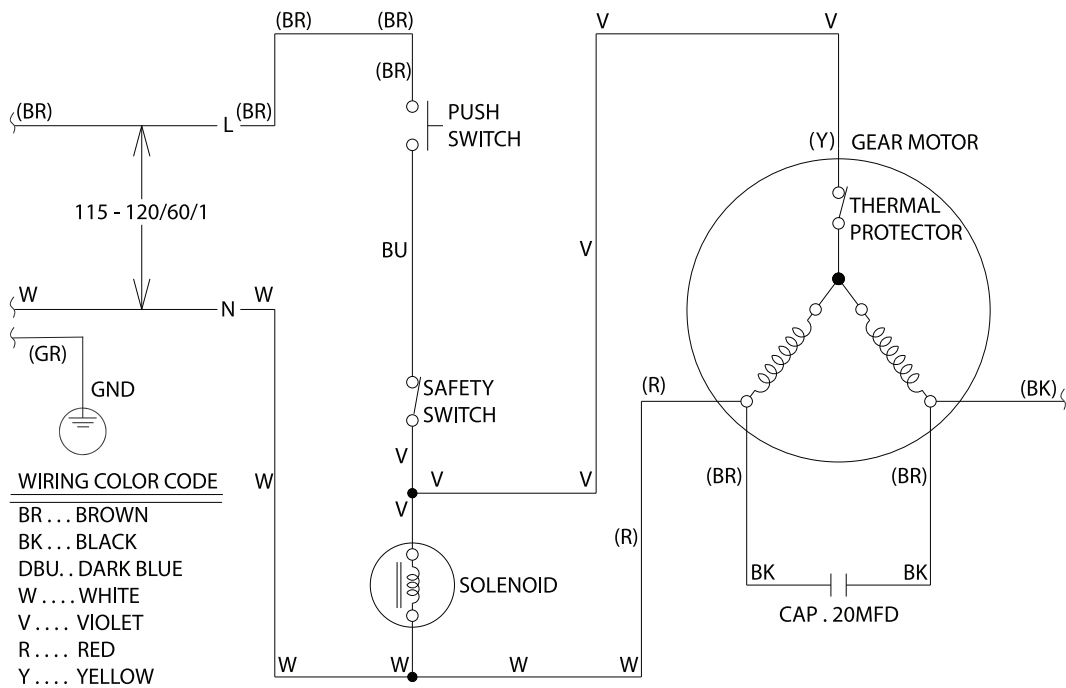
B. Wiring Diagrams

1. DB-130H and DBW-130H

a. L-0 to S-5 and S-7 to T-5

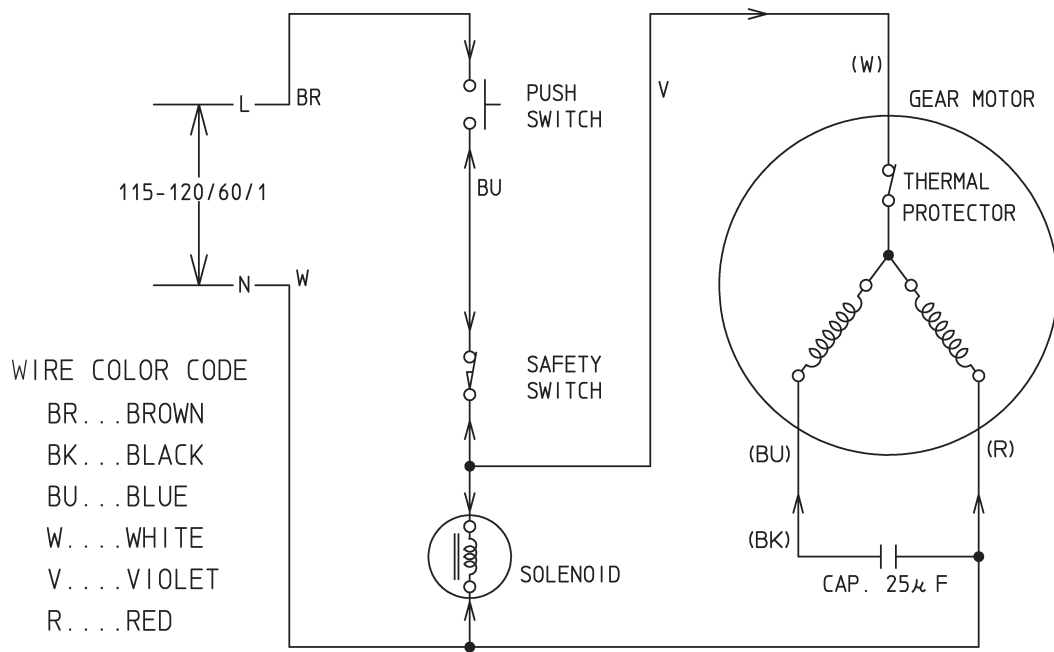


b. S-6 and T-6 to R-5



2. DB-200H and DBW-200H

a. L-0 to S-5 and S-7 to T-5



b. S-6 to R-5

