

Black Box Improvements



- Timed Credit Erase Feature
- Dual Price
- Removable Chips Allow for Updates To Box

Water Resistant Receptacles



- Pass and Seymour 15 amp weather resistant GFCI (Cat. No. 1595-TRWRI)
- HWC recommended change due to type of environment inside of units.
- 3/30/10 (P-1779 16-0079)

Drip Shield – Bin Floor Motor



- Prolongs the life of the bin floor motor
- Keeps water from continuously dripping on motor
- 3/4/10 (P-1749 16-0064)

New Bulk Chute Handle/Closure



- New design is safer for the customer
- 3/4/10 (P-1748 16-0063) (All units shipped 3/4/10 and later)

New Style Blower Assembly



- P-1702 38-0017
- Cleaner Look
- Works more Efficiently
- Stainless Steel

Coin Return Bezel



- P-1508
- New and Improved Design

Moved Mac Valve Assembly



- Easier Access for Maintenance and Repairs

Phone Dialer



- Replaces the 2 channel dialer.

Ice Machine (Off) Warning Light



- This amber light was added to the side of the control cabinet to alert the owner that the ice machine is off because of one of our switches (ice maker on/off switch, bin full switch, leveler overload or ambient thermostat switch) has it tripped off.

Drip Shield Over Transition Box



- This shield was added over the transition box to keep the pillow block bearings from dripping grease or other debris into it.
- This item can be added to existing units in the field by replacing the side shield on the bin. (2 Bolts)

6" Radius – Dump Box Arms



- Radius strengthens arms
- P-1661(17-0089)

Porter Cable Air Compressor



- New “pancake style” air compressor.
- Easy installation

24 Volt Coin Mechanism



Dual Bill Validators



- Allows house owner to have a working validator if one were to be out of service due to repairs or any other problems.
- P-1442 (2009)

Interior Door Spring Lowered



- Added safety
- Old springs were positioned higher on doors which posed a possible risk if spring was to break.

Thermometer



- Thermometers were added when IHA changed to the Pro Cube cooling units because there was no thermostat inside the unit to monitor temperature.
- Added to all Houses and Huts

Leveler Overload



- Leveler Overload tied to Phone Dialer
- Allows the house owner to know when the leveler motor overload has tripped, which shuts down the ice maker.
- Board # 944

Dump Box Arms



- IHA began fabricating the dump box arms with a stronger 14 gauge stainless steel which replaced the old 16 gauge stainless.
- Radius was later added to increase strength of arms even more.
- P-841

Insulated Control Cabinet



- P-747
- Has since been removed due to UL listing regulations.

Water Dispenser



- New design improves the appearance and performance of the water dispenser.
- Customer now has the option to choose the location of the water dispenser (Front, Bulk Side or Door Side).
- Electrical receptacles are now standard over all water dispensers to accommodate lights or any other accessory that requires an outlet. (November 2009)

Ice Maker Rails



- 2 piece frame was replaced by the 1 piece (849)
- 1 piece painted / powder coated rail replaced by stainless steel rail.

Heatcraft Pro Cube



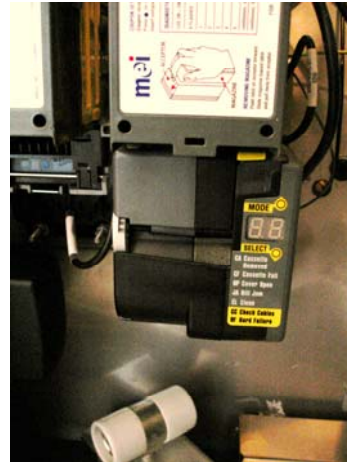
- “New Style” Cooling Unit
- One piece cooling unit replaces the 2 piece split unit.
- Advantage: “Plug and play” unit which eliminates the need to connect refrigerant lines.
- P-955

Inline Filter



- Adds extra filtration before water runs through flow meter
- Prolongs the life of the flow meter in the IHA water dispensing system.

Bill Recycler



- January 2010
- Allows customer to be paid change in bills and coins
- Remove existing 24 volt validator and replace with VN2702RU7

Interior / Exterior Doors Widened To Meet ADA Requirements



- Interior Door – 34”
- Exterior Door – 32”
- 10/12/2009
- P-1601

Electrical Conduit Sealed



- All electrical conduit caulked at interior wall.
- Keeps moisture out of interior of panels.

4' Fluorescents (Under Awning)



- Houses Shipped 3/23/10 and later.
- These were originally used on all houses and huts.
- IHA changed to a different style light that was later found to be inadequate.
- 4' Fluorescent is now standard on all houses and huts.

Security System



- Security system has 2 vibration sensors and a door trigger that will activate a siren and strobe light when either is triggered.
- **Installation: Assemble box with light and siren and necessary electrical, drill hole in top of house, mount box, pull wire to PLC cabinet, mount sensor in cabinet and on door, drill hole for shut off key in vendor panel, mount on/off key switch, wire, test and clean.*

Ice Maker Disconnect Mounts to Side of Cabinet



- Adds to the overall appearance of the unit
- Cleaner Look

CPVC PLUMBING



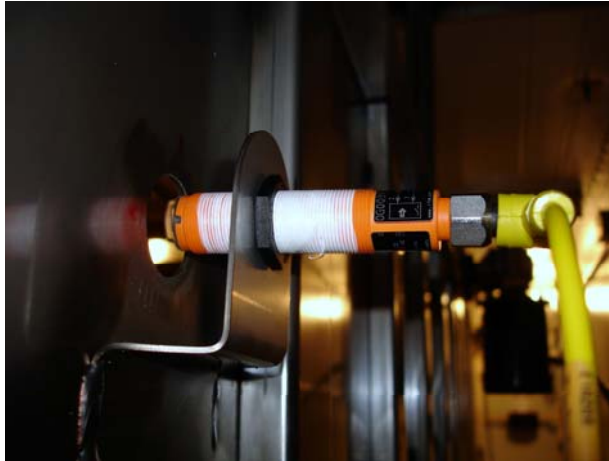
- P-704
- Required by code in certain cities / states
- Standard on all IHA houses and huts

Bin Floor Adjustment Rod Proximity Switch Cable



- New moisture resistant cables help eliminate malfunctions related to moisture in the cables.
- Production #920

Bin Sensors



- Leveler used to be tied directly to crusher motor which allowed the leveler to run any time the crusher motor was activated.
- Bin Sensors only allow the leveler to run if there is a need to move ice, therefore prolonging the life of the leveler and it's motor.
- Production # 844

High Security Stainless Steel Door Hinge



- Heavy Duty Hinge
- Added Security
- **Installation: Remove door and existing hinges, attach new hinges to door, re-attach door to house (hut), patch holes in wall where old hinges were bolted and clean.*

E-Port Edge – Credit Card Reader



- Plugs in-line with coin mechanism and validator.
- **MUST HAVE MDB VENDING SYSTEM**

Double Bagger



- Currently In R&D Stage
- Distributes 2 different size bags of ice
- Will soon be available for the House and Hut

Proximity Switches



- Proximity switches took the place of the limit switches.
- Eliminates malfunctions due to moisture getting into mechanical switches.
- Proximity Switch Locations: Bin Full Flap, Rake Bar and Dump Boxes.
- Switch was made around Production #250

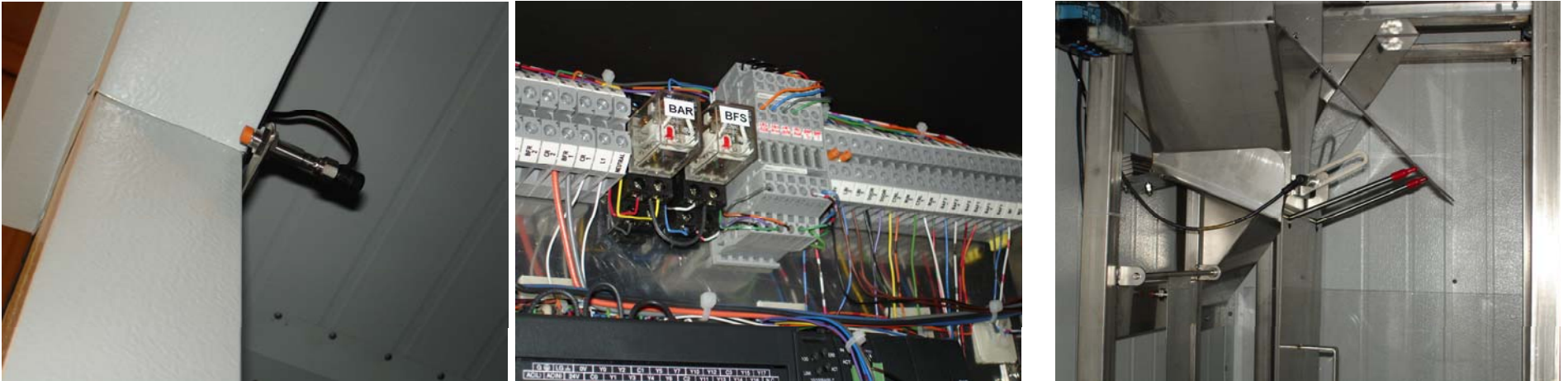
Coin Mechanisms Programmed to Accept Free Vend Tokens



- Tokens can be purchased from IHA Parts Department.
- Complimentary tokens are sent with each unit as of 10/28/09.



Monitoring System



- Provides access to vend counts, fault information and remote control of the ice vending house / hut.
- **Installation: Add monitoring equipment to control board, add bag sensor mount to bag weight, add door sensor, test and clean.*

Lighted Push Buttons



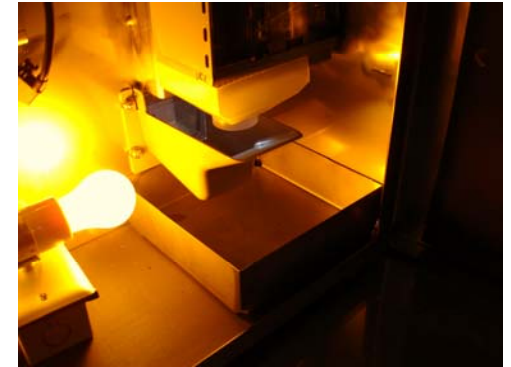
- Currently in the R&D Stages of Development
- Soon will be available for Houses and Huts

Roof / Water Drainage Improvements



- Drip Ledges on front and rear of unit allow water to drain without staining panels.
- Rear edge of roof allows water to drain with no restrictions.

Improvements To Control Cabinet



- Light is now wired into the breaker eliminating the need to plug into the receptacle.
- Larger conduit allows for more lines to run into the control cabinet (Phone, DSL, Etc...)
- 4 plug outlet replaces to 2 plug giving the house owner the ability to plug in more components.
- Stainless steel coin overflow tray designed by IHA to collect the coins once the coin mechanism is filled to maximum capacity.

Enclosed Bottoms On Ice Makers



- Seals the under side of the ice maker.
- Eliminates entry points for bugs or debris.
- Rubber gasket supplied by IHA.
- Eliminates need to “caulk and tape” ice maker chutes.

Electrical Enclosure UL Listed



- Certain local inspectors required a UL listing on the control panel enclosure.
- All IHA electrical control panel enclosures are UL listed on units manufactured after 7/14/10.

Bill Validators Set to take Coupons/Complimentary Coupons Sent with Houses / Huts



- Coupons are available for purchase from the IHA Parts Department.
- Complimentary coupons are sent with each house / hut shipped as of 10/28/09.

NAMA Certification



- The **National Automatic Merchandising Association** is the American national trade association of the food and refreshment vending, coffee service and food service management industries.
- Some cities / states require that the units be NAMA Certified.
- Production #624 – 1st NAMA Certified IHA Unit.

Retro Fit Vending Panel



- Front vending panel specifically built to convert the 110 volt system to the new 24 volt MDB system.
- Gives customers the option to update any unit.
- **Installation: Mark edge of front vending panel, remove trim from front panel, cut along marked edge, install new retro fit panel from inside of unit (mounts over existing bolts) and apply grey silicone to the front of panel.*

Lexan Lens Cover (DV 1000)



- Clear plastic that protects the front display.
- Much more durable than old cover.
- Very easy installation

High Security Coin Insert

Leveler Moved to Rear of Bin

- **Problem:** The rear leveler shaft was located directly under the ice chute. Each time the ice machine would dump ice, a good amount of ice would deflect off of the shaft and end up in the rear of the house on the floor.
- **Solution:** The leveler shaft has since been moved to the rear of the bin, thus eliminating any contact between the ice and the shaft.
- **Advantages:** Less waste and less clean up.
- Production # 625

Shorter Bearing Brackets

- After much research, it was found that the pillow block bearing brackets could be shortened on the bins.
- **Advantage:** Easier to fabricate, easier to install.
- Production # 690

New Decals



- New “Cleaner” Look
- Easy to Read
- Easy To Apply
- Available for purchase from the IHA Parts Department

Double Lock Bar



- Added Security for Houses or Huts
- Available for purchase from the IHA Parts Department.

High Security Coin Insert



- Added security for Houses and Huts.
- “Old Style” and “New Style” Available.
- Available for purchase from IHA Parts Department.

Base of Bagger Redesigned



- Allows dirt and other debris to be washed out from under the bagger easily.
- Placed into production 8/18/10.