



HD22 & HD30
Hotel Dispensers

Technical Training

HD22 and HD30

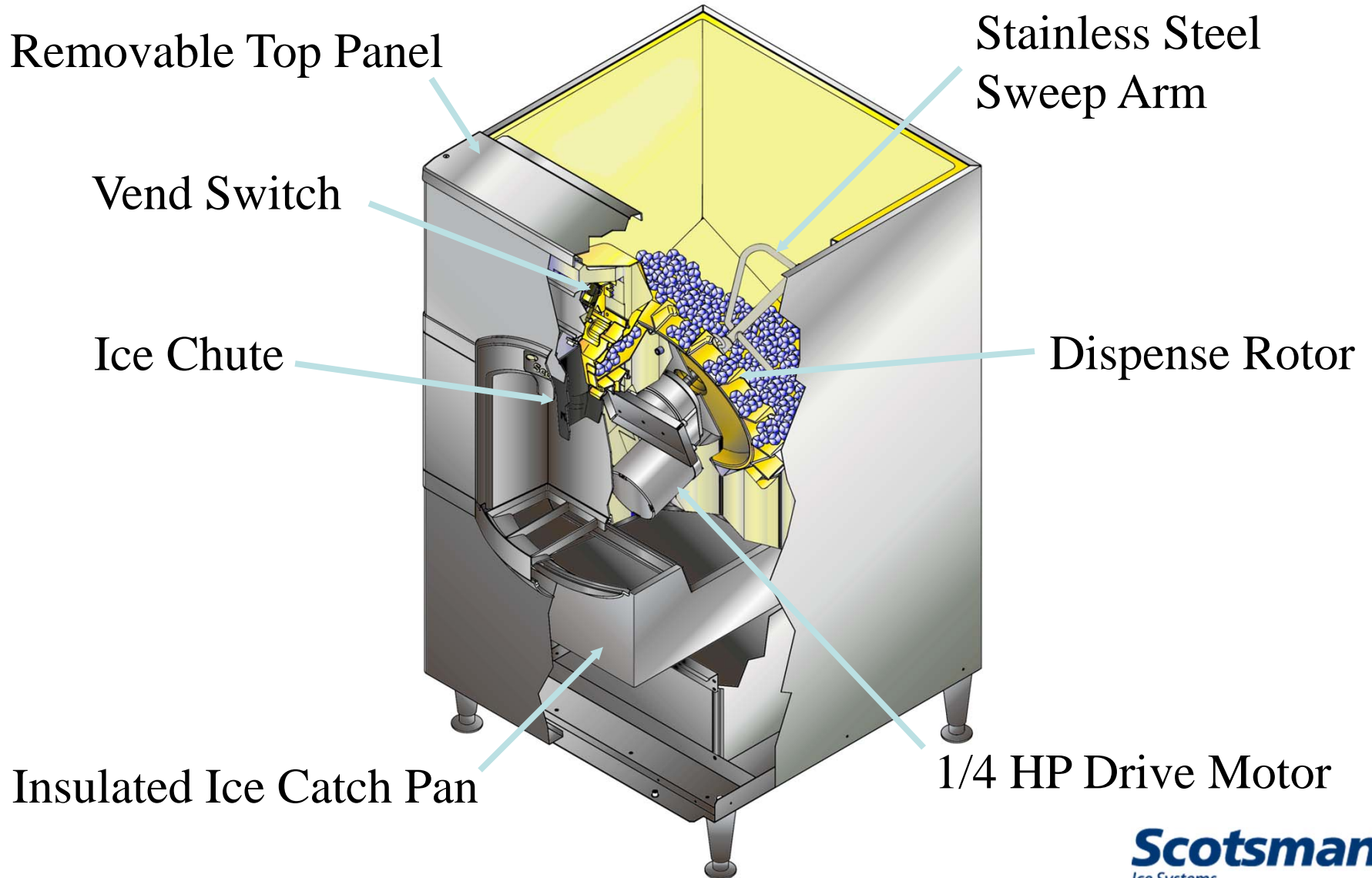
- Hotel Dispensers
 - Installation
 - System Operation
 - Service Access
 - Maintenance
 - Service Diagnosis

Models

- HD22 - 22 inch wide
 - Fits C0322 or C0522
 - Available Model
 - Basic
- HD30 - 30 inch wide
 - Fits C0330 or C0530
 - Available Models
 - Basic
 - Water Station



HD22 & HD30

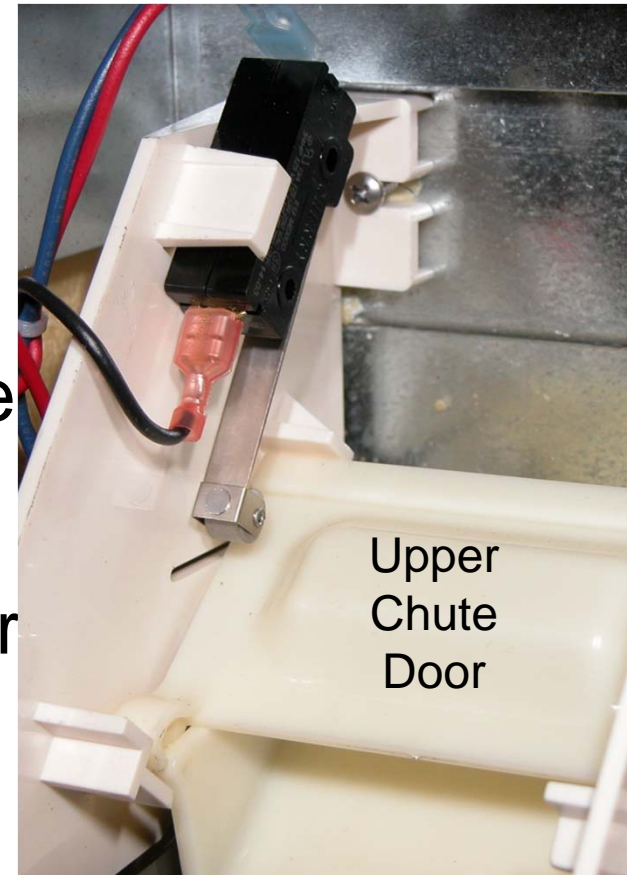


Installation

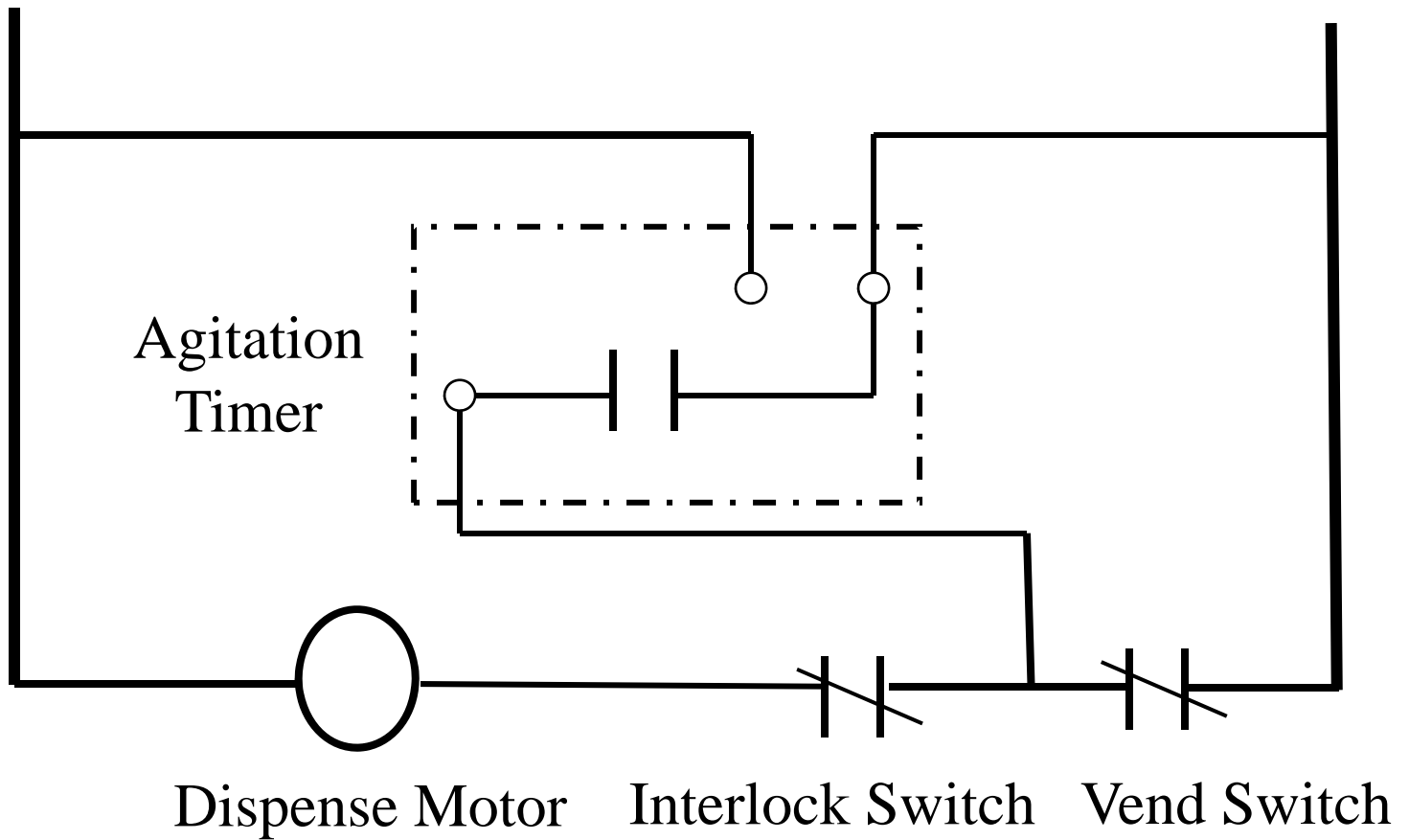
- Connect power and drain
 - Power cord is supplied
 - Drain is 3/4 inch FPT
 - Keep separate from ice machine
 - Use rigid tubing
 - Vent
 - Water station model also needs water supply
- Assemble ice machine onto dispenser
- Secure with mounting straps from ice machine

System Operation

- Push chute to dispense ice
- Upper chute door lifts up and moves vend switch closed
- Dispense drive motor starts, ice vends until chute is released
- Agitation timer cycles dispenser drive motor 3 seconds every 6 hours
 - Ice does not dispense during agitation



Schematic Diagram



Shown in dispense mode

Water Filler Model

- HD30W-1A
 - Faucet mounts to the left of the ice chute
 - Flow is adjustable
 - Water fitting on back of cabinet
 - Shut off valve behind front panel
 - Use when removing panel



Panel Removal

- Remove two screws and the top panel
 - Top panel removal opens interlock switch
 - Plunger part of top panel
 - Drive motor cannot operate
- Pull front panel forward and lift up off mounting pins



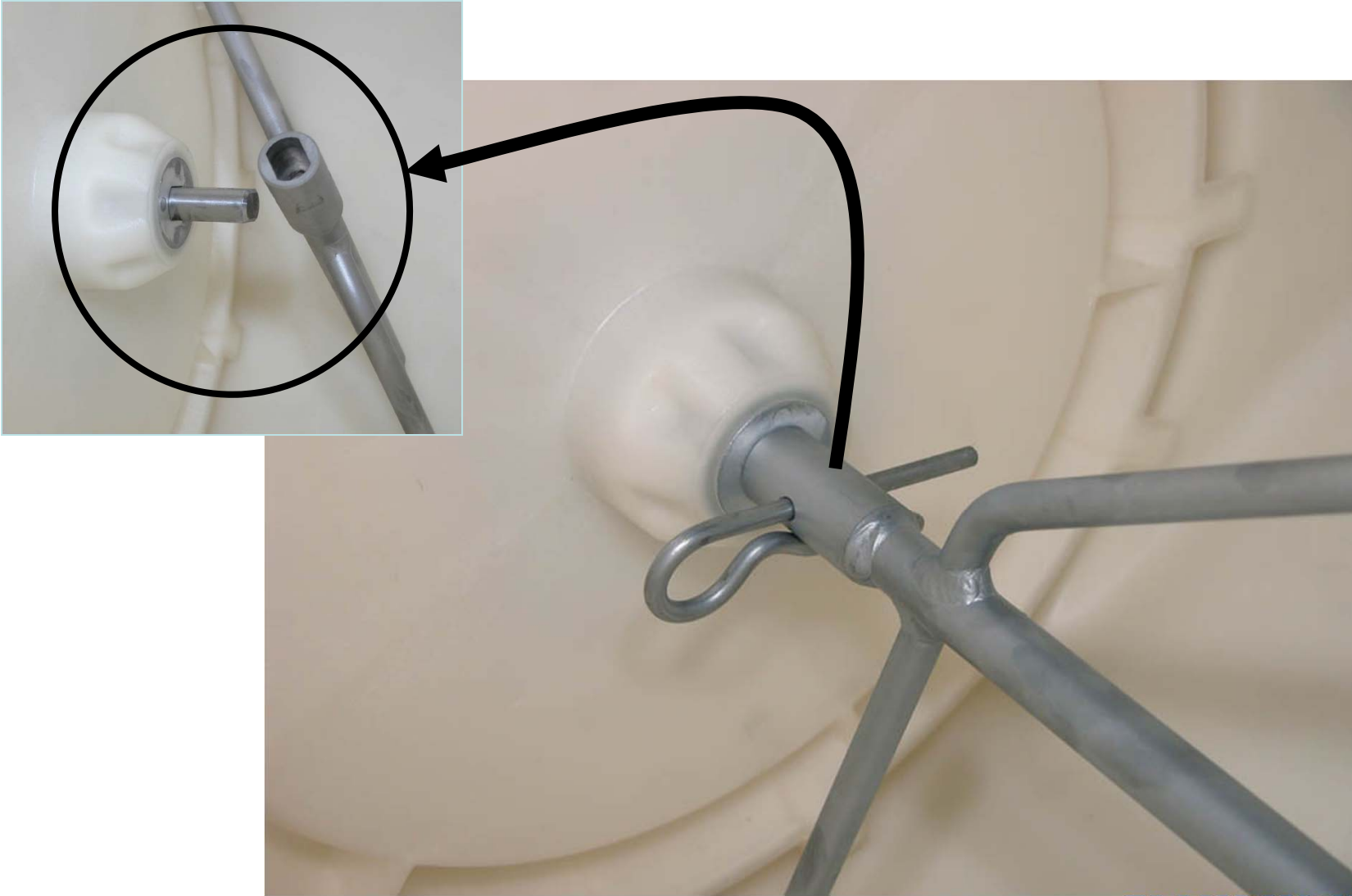
Plunger

Easy Access Door

- Sweep arm and dispense wheel can be removed without moving ice machine
 - Remove top panel
 - Remove access door
 - Reach in for maintenance or service



Sweep Arm Drive

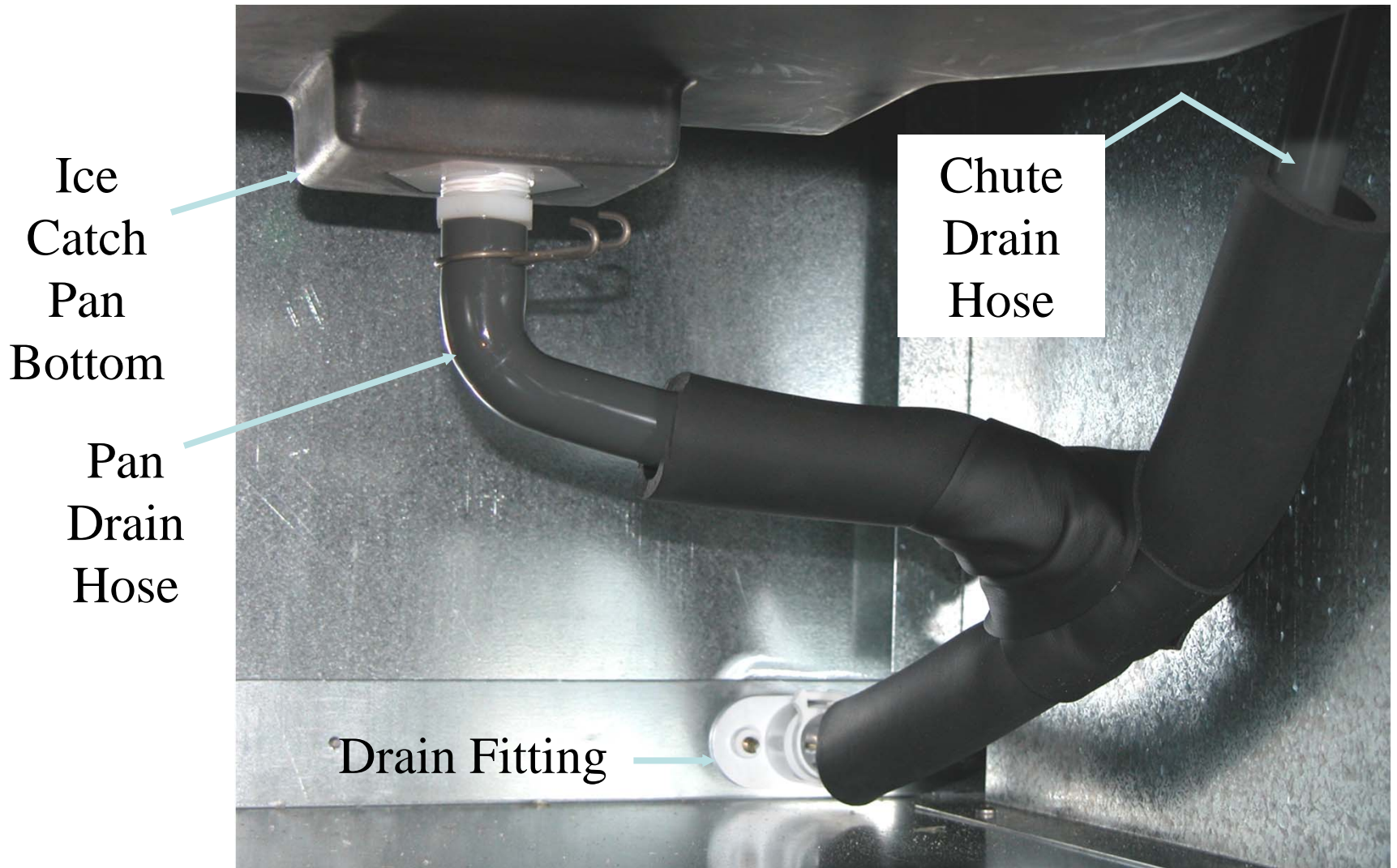


Maintenance

- Ice catch pan is removable for easy clean out
- Can be pulled out partially without removing drain hose
- Drain hose easily disconnected when pan must be removed



Drain System



Repair

- Sink grill replacement
 - Remove front panel
 - Remove two screws from behind dispense housing
 - Pull out old grill & replace

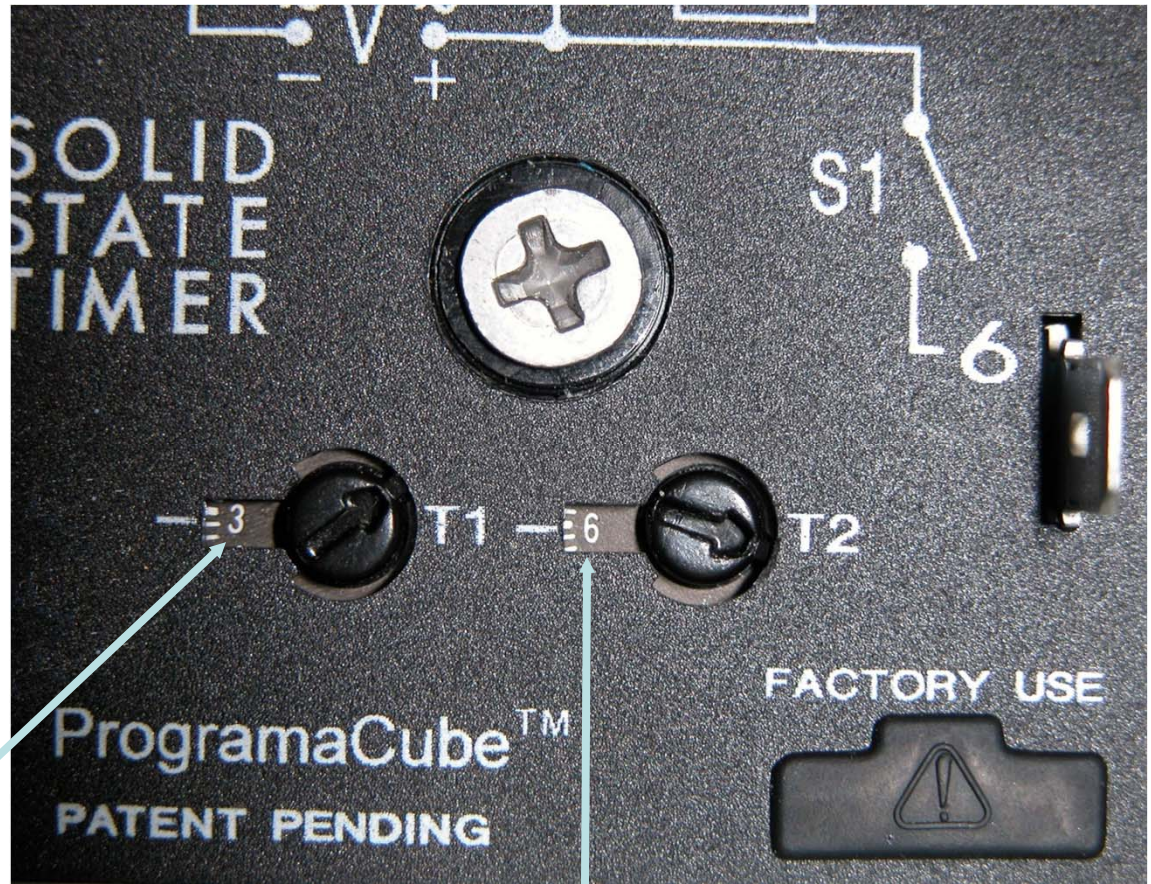


Back View of
Dispense Housing

Agitation Timer

- Cycles at power up
- Cycles
 - 3 seconds on
 - Every 6 hours
 - Adjustable

Seconds of
On Time



Hours Between Cycles

Service Diagnosis

Symptom	Possible Cause	Probable Repair	
No ice dispensed	No ice	Check machine	
	Panel interlock switch open	Check top panel	
	Vend switch does not close	Check vend switch	
	Drive motor failure		Check drive motor windings
			Check capacitor

Summary

- Easy to install
- Easy to maintain
 - Can access bin without moving ice machine
 - Can remove ice catch pan for cleaning
- Simple to service
 - Simple electrical - vend switch, timer, drive motor