

# User's Guide

## FETCO® LUXUS® Innotherm™ Heated Thermal Dispensers



1.5 gallon



Food Equipment Technologies-FETCO®  
600 Rose Rd. Lake Zurich, IL 60047-0429 USA  
Phone: (800) 338-2699 or (847) 719-3000  
website: www.fetco.com email:  
info@fetco.com



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Part # P136

Reference only-Design changes in progress 8/2017

### Specifications

#### Electrical Configurations

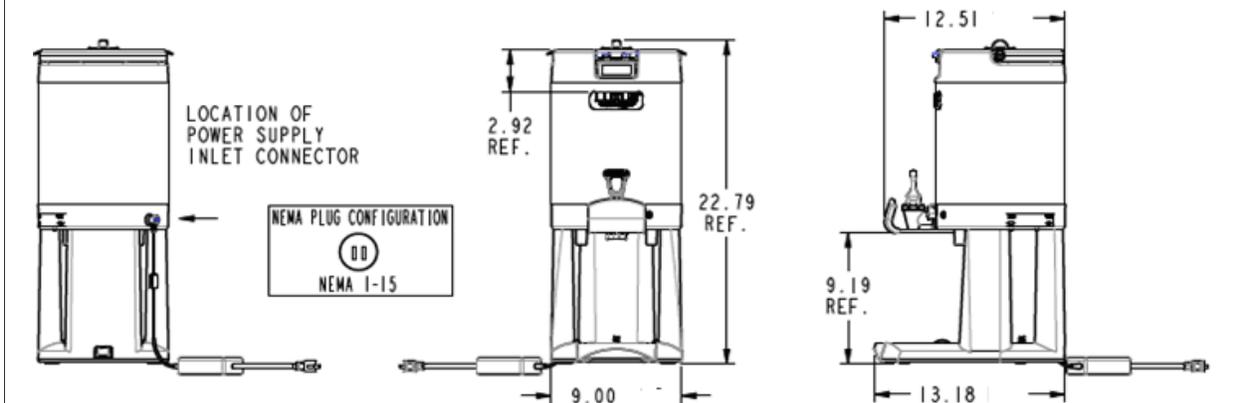
Configuration Code	POWER Configuration	Required Power Supply*	Power Supply AC Input	Power Supply DC Output	DC Output Connector
D067	40 W	FETCO 1102.00278.00	100-240VAC 2.0Amp 50/60 Hz	24VDC 2.0Amp	Center Positive

**Factory Settings: Preset to keep contents at 182°F, and to hold heat of the liquid contents four hours.**

The Innotherm™ heated dispenser will operate in keep-heat mode only when connected to plug-in power supply included with dispenser.  
Use only FETCO Power Supply 1102.00278.00. Only this part has the correct over voltage / over current / short circuit protections

#### Weights and Capacities

Dispenser Model	Weight (empty)	Capacity	Weight (filled)
Innotherm™ Heated 1.5 Gal. dispenser	5.1kg/11.3 lb	5.7 liter/1.5 gallon	10.8 kg/23.8 lb



### Quick Setup

- 1) Have hot liquid in preheated dispenser. Pre heating dispenser is recommended for best results
- 2) Connect magnetic connector of power supply to the heated dispenser
- 3) Plug in power supply to outlet

#### CONNECTING AND DISCONNECTING THE POWER SUPPLY

Important Notice:

- Disconnect power supply module before filling and cleaning.
- Reconnect power supply for beverage service
- Heater is activate only when dispenser is filled with liquid warmer than 145°F



-Never expose power supply module or wire to moisture



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# FETCO® Innotherm™ HEATED DISPENSER PROGRAMMING GUIDE

## How to check the Innotherm™ programmed settings

Check the digital control for the temperature and the warmer "ON" time settings by swiping the magnet on the power supply cord. The settings are displayed as a series of blinks by either a red or green colored L.E.D. light.

- 1) Disconnect magnetic connector from side power connection and reattach it to enter reading mode.
- 2) Momentarily place magnet on desired reading position-must be within 5 seconds
- 3) L.E.D. light for selected feature will blink to indicate the programmed setting

The indicating programmed setting L.E.D. readout will repeat one time for a total of two cycles

### TEMPERATURE

#### **RED L.E.D. light**

1 pulse = 170°F

2 pulse = 176°F

**3 pulses = 182°F\*** \* Factory Default

4 pulses = 188°F

The display for each programmable feature will cycle two times

### WARMER TIMER SETUP

#### **GREEN L.E.D. light**

1 pulse = 4 hours ON\*

2 pulses = 8 hours ON

3 pulses = 24 hours ON

## TEMPERATURE SETUP

Programming is accessed by placing a magnet on the TIME or TEMPERATURE switch positions when the unit is first powered up.

The FETCO heated dispenser uses a sealed magnetic switch system that can only be accessed within 5 seconds after the power is applied to the dispenser

1. Connect dispenser to the low voltage power supply
2. Quickly place magnet on TEMPERATURE position→must be within 5 seconds
3. **RED LED light** will confirm the connection and readiness to start the warming process OR will start a new setup if the magnet is applied to the designated area in less than 5 seconds.
4. The red light will pulse once, then twice, three times and finally four times.
5. Settings will roll over from 4 back to one until magnet is removed

Remove the magnet after the desired temperature.

Unit will confirm the setting after magnet is removed

The number of pulses will indicate the setup temperature

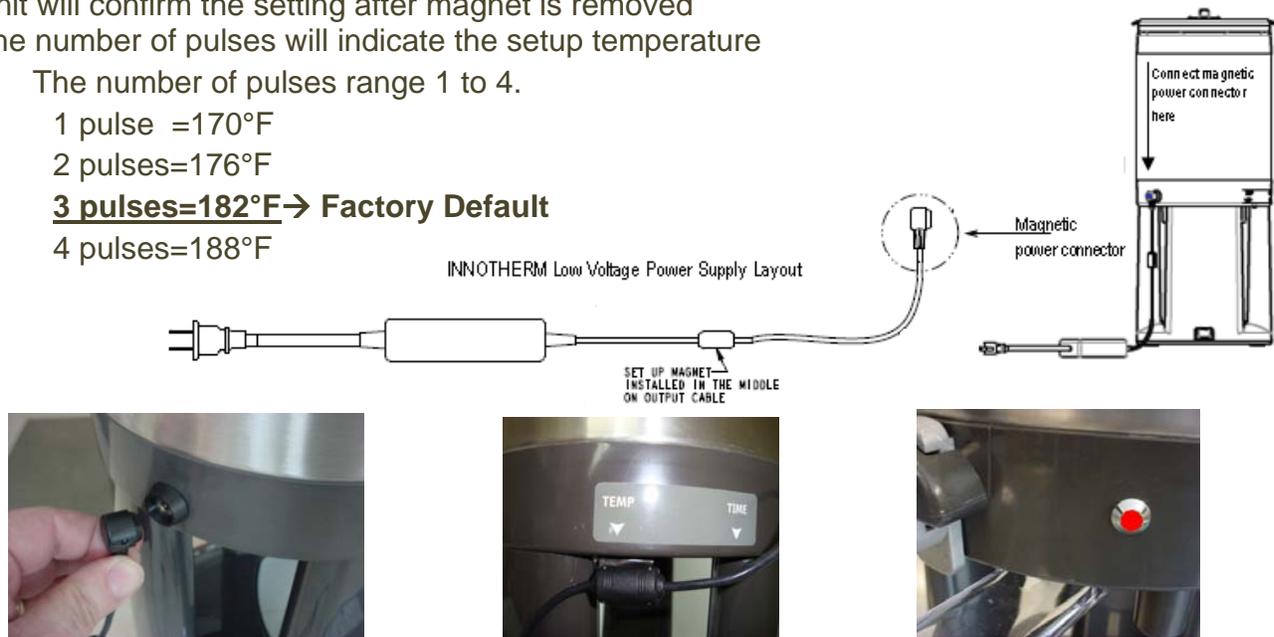
The number of pulses range 1 to 4.

1 pulse =170°F

2 pulses=176°F

**3 pulses=182°F→ Factory Default**

4 pulses=188°F



Magnetic power supply to dispenser  
→!!CLICK!!←

Set-Up magnet at TEMPERATURE access region

Red L.E.D. Lamp-Temperature

## WARMER TIMER SETUP

Programming is accessed by placing a magnet on the TIME switch position when unit is first powered up.

The FETCO heated dispenser uses a sealed magnetic switch system that can only be accessed within 5 seconds after the power is first applied to the dispenser

1. Connect dispenser to the low voltage power supply
  2. Quickly place magnet on TIME position → must be within 5 seconds
  3. **GREEN LED light** will confirm the connection and readiness to start the timer process OR will start a new setup if the magnet is applied to the designated area in less than 5 seconds.
  4. The green light will blink once, then twice, and finally three times.
  5. Settings will roll over from 3 back to one until magnet is removed
- Remove the magnet after the desired timer menu.  
Unit will confirm the setting after magnet is removed

The **GREEN LED** will start to blink with the frequency 1 cycle/sec showing the present setup.

The number of pulses ranges 1, 2; 3 each number is representing an ON time menu:

The number of pulses is the heater set-time The number of pulses range 1 to 3.

**1 pulse = 4 hours ON**

2 pulses = 8 hours ON

3 pulses = 24 hours ON ————— This can be used with hot water service

Timer does not automatically reset when set for 24 hour service

**Default – preset at 4 hours ON**



Connect power supply to dispenser

Magnet at TIME access region

Green L.E.D. Lamp-TIMER

- NOTES:
- The FETCO heater dispenser will not act as a heater to make hot water
  - Warming process will not start if the dispenser is below <145°F, or has cold liquid inside or is empty and cold
  - Brew first into an empty dispenser, when complete; attach the power supply to begin warming process.
  - If the dispenser has very hot water, the heater shuts down until contents are at set point
- **Connect dispenser to the power supply only after or during the first brew.**

## CLEANING AND MAINTENANCE

Daily:

 *Important Notice: To maintain proper operation of the funnel display, clean the funnel stem daily under running water with detergent and a sponge or towel.*

*Do not submerge. Do not use abrasives of any kind*

- ▶ Use any commercial beverage urn cleaner to clean the inside of the dispenser. Follow the manufacturer's instructions. Thoroughly rinse the dispenser after cleaning.
- ▶ Wash the drip tray and other plastic parts with dish detergent. Avoid abrasives.
- ▶ To prepare the dispenser before filling, brew a batch of water only (no coffee) into the dispenser and allow it to rest and draining it out in at least 10 minutes.

Weekly, or as needed:

- ▶ Remove the faucet upper assembly and inspect the seat cup for wear. Clean or replace if necessary.

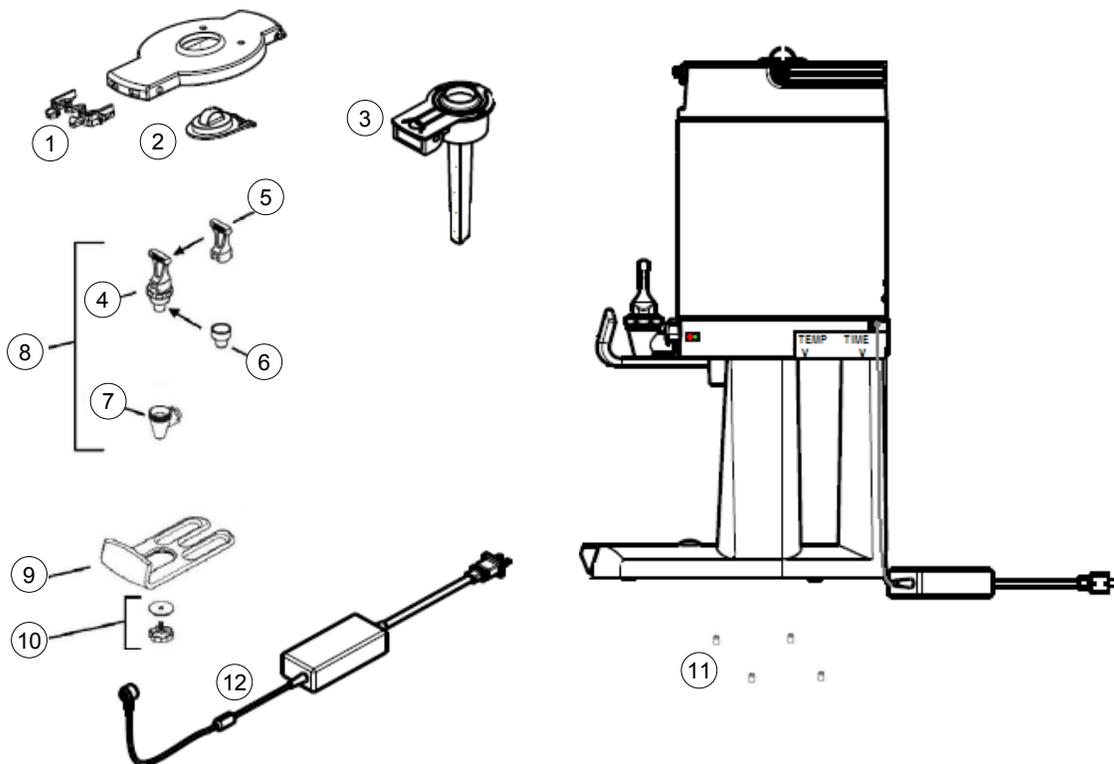
## IMPORTANT SAFEGUARDS

- ▶ Disconnect power supply before filling and cleaning
- ▶ To prevent overflows, make sure the dispenser is completely empty before brewing.
- ▶ Always remove the funnel for manual filling of the dispenser.
- ▶ Do not use bleach or cleaners containing chlorides.
- ▶ Do not use solvent based cleaner or polish on this equipment.
- ▶ Use only non-metallic brushes and cleaning pads.
- ▶ Use only the handle to lift or carry the dispenser.
- ▶ Do not use the faucet guard to pull or lift the dispenser.
- ▶ Do not submerge the brew funnel.
- ▶ Do not expose power supply to moisture

## Replacement Parts for FETCO® Innotherm™ Heated

HD-15 Innotherm™ Heated Dispenser		
ITEM	Description	Part Number
1	LOCK (inside cover)	1023.00030.00
2	PLUG ASSY.	1023.00125.00
3	FUNNEL ASSY.	1102.00276.00
4	FAUCET UPPER ASSY (BLACK HANDLE)	1071.00020.00
5	FAUCET HANDLE, BLACK	1071.00022.00
5	FAUCET HANDLE, ORANGE	1071.00030.00
5	FAUCET HANDLE, GREEN	1071.00021.00
5	FAUCET HANDLE, RED "Hot Water"	1071.00040.00
6	FAUCET SEAT CUP	1071.00013.00
7	FAUCET BODY ASSY.	1000.00012.00
8	FAUCET ASSY., COMPLETE	1102.00055.00
9	FAUCET GUARD	1023.00055.00
10	FAUCET GUARD KNOB & WASHER	1000.00010.00
11	ANTI-SLIP FOOT	1025.00015.00
12	POWER SUPPLY ASS'Y., With Magnet 100-240VAC in, 24 VDC out, 2.0 AMP, 6FT.	1102.00278.00

February 2016



# INDICATOR FUNNEL INSTRUCTIONS

The FETCO Indicating funnel displays two conditions:

- 1) Liquid level inside of the dispenser
- 2) Quality control time (*time since filling*).

Conditions display on a LCD inside the window (updated every 24 seconds):

**Product age:** "Freshness Timer"-four circles divided in quarter segments.

**Product level:** "Volume Indicator"-four bars including a "VEE" shaped frame.

## Instructions:

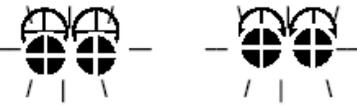
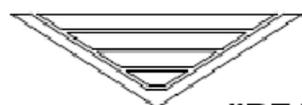
Start with a clean, empty dispenser.

Gently wipe the funnel stem to clear the display

Place funnel in dispenser, close cover

→ Ready to Brew!

Funnel display automatically activates when brew starts.

Freshness Timer® from Indicator funnel		Volume Indicator
Quad icons, each divided into quarter hour segments--represents a total time range of four hours	Blank indicator funnel display is shown, dispenser is "Ready" for brewing	Lower "VEE"+ four upper bars represent 20% increments of fill level of the dispenser
	 BLANK: EMPTY-READY TO BREW	
1-15 minute time range	 	FULL-Fifth level
16-30 minute time range	 	Fourth Level=80%filled
...Some displays times are omitted for clarity Slowly pulsing display ...more than 4 hours	 ...Active On & Off...	
		Third Level= 60% filled
		
		Second level=40% filled
		
		First level=20% filled
		
		EMPTY "READY" TO BREW



**NO DISHWASHER!**



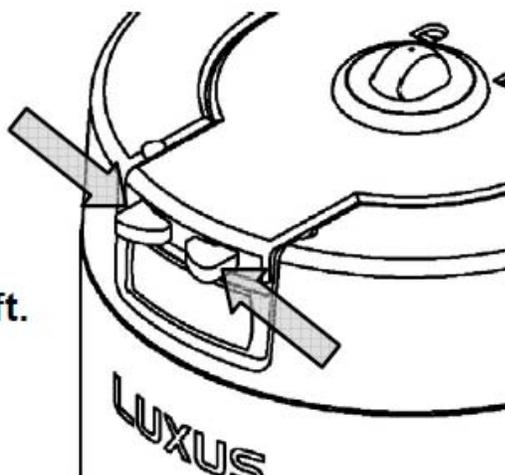
**NO MICROWAVE!**

**Clean and dry funnel by hand only!**

# DISPENSER INSTRUCTIONS

## OPENING THE DISPENSER

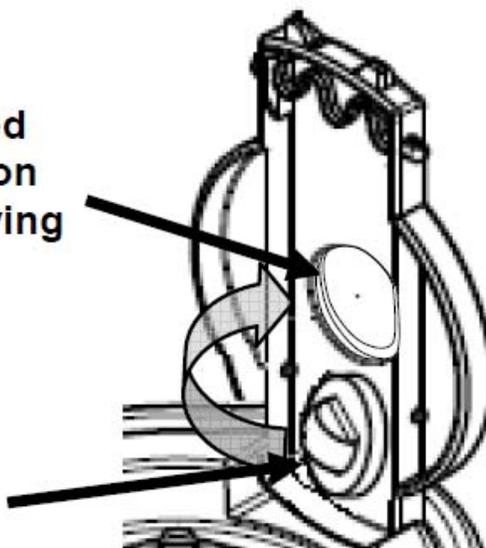
Squeeze tabs together and lift.



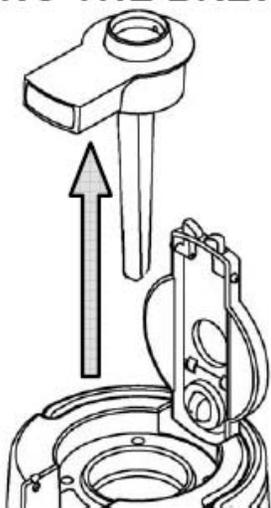
## OPENING AND CLOSING THE COVER PLUG

Closed position for serving

Open position for brewing



## REMOVING THE BREW FUNNEL

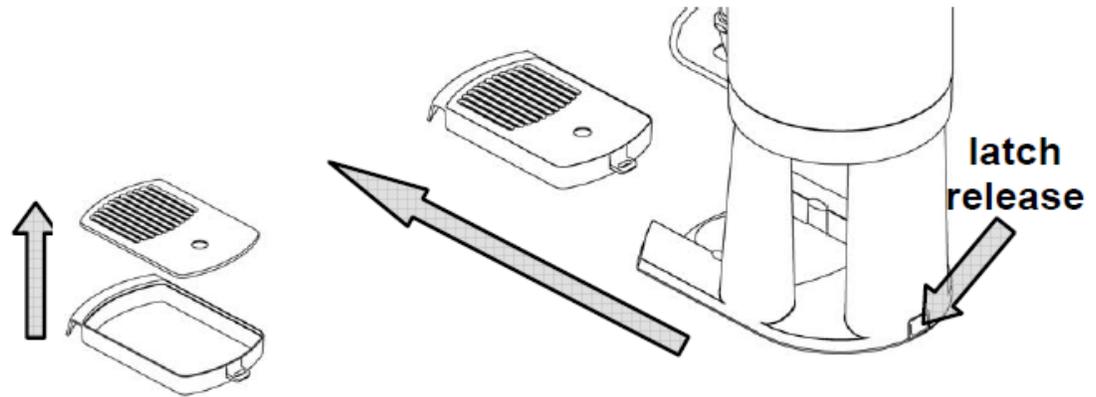


**Important Notice:** To maintain proper operation of the funnel display, clean the funnel stem daily under running water with detergent and a sponge or towel. Do not use abrasives or submerge.

- Brew funnel must be removed for manual filling of dispenser.
- Removing the funnel resets timer.
- To extend battery life, remove the funnel when not in use.

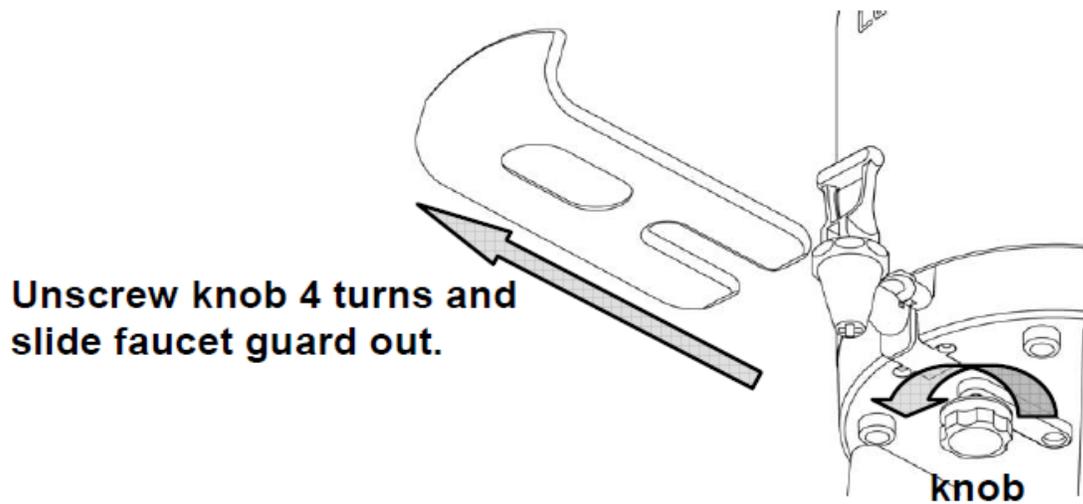
**(Battery cannot be replaced.)**

## REMOVING THE DRIP TRAY



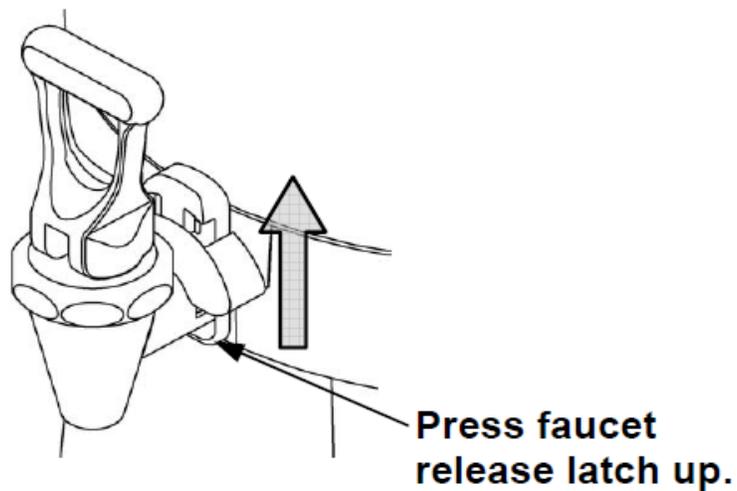
**Press and hold down latch release while sliding drip tray out.**

## REMOVING THE FAUCET GUARD



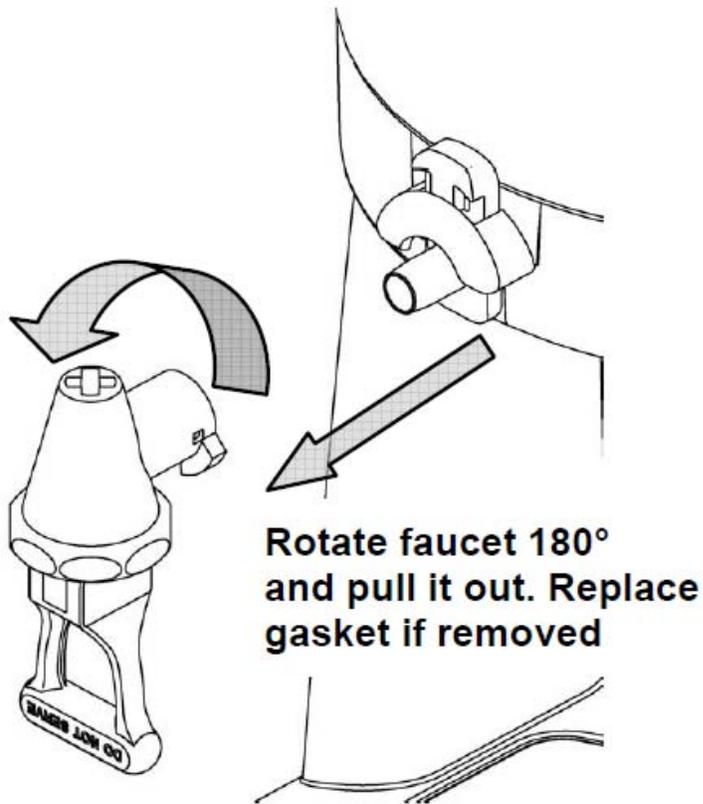
**Unscrew knob 4 turns and slide faucet guard out.**

## REMOVING THE FAUCET



**Press faucet release latch up.**

# FAUCET-Continued



Unscrew faucet upper assembly to clean or replace seat cup.

