FC-107-14-HL
Non-Recessed Vandal Proof High/Low Drinking Fountain with In-Wall Chiller and Taste Master® Purifier

Optional Bottle Filler*, fountain support arm, cover plate, chiller cabinet, "Soft Touch" button valve*, and bubbler* shown in standard stainless steel satin finish

PRODUCT COMPLIANCE*
ADA Compliance
Buy America Act
CA Proposition 65
NSF/ANSI 42, 53 and 372 (Lead Free)
UL STD 399
CSA STD C22.2 #120
More available on request

Options and finishes may differ from image shown.

*Hands Free" option available

Dimensions in drawing subject to options selected.

Features
- [2]14" diameter, 16 ga. fountain bowl
- No plastic parts
- 100% made in the USA
- Manufactured with lead-free materials
- Integral drain in bowl for ease of cleaning
- 1/4 " steel support arm and wall bracket capable of supporting 500 lbs.
- Cover plate and access panel to match bowl finish or choose from unlimited powder coat colors
- 16 ga. plate secured with tamper-resistant screws for added security
- Pin-hinged, lockable door
- Options include sensor activation, bottle fillers, bottle counters, finishes, bubbler valves, and more...

FC-107-14-HL Models Include:
Chiller: Model 56NL
- **Water In**: ¼" FPT
- **Cooling** Capacity: 5 GPH @ 50° F [10° C]*
- **Storage**: 2 gal, insulated stainless steel tank
- **Refrigerant**: HFO R513A "Ozone Safe - Low GWP"
- **Electrical**: 120/60/1 or specify_____
  Higher capacity chillers are available, consult factory for correct model numbers.
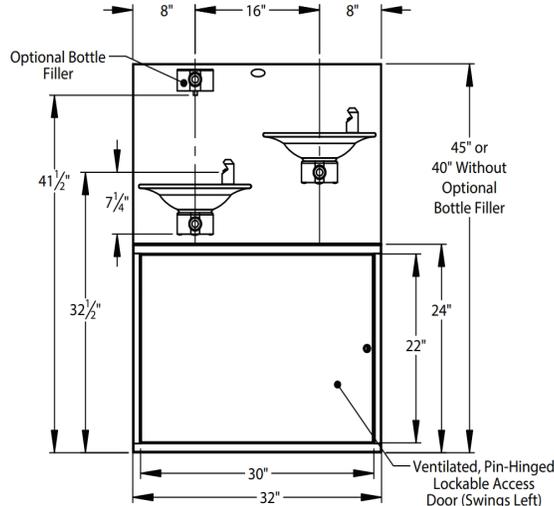
Purifier: Taste Master® TMS1-0.5
- **Construction**: Stainless steel housing
- **Element**: Carbon block removes particulates, cysts, chlorine, organic odors and tastes. Exclusive seal design negates bypassing and leaking.

Top View

Chiller

9"

3 11/16"

Rough-in Depth
Drain Location

4 5/8"

Ø 14" Bowl Diameter
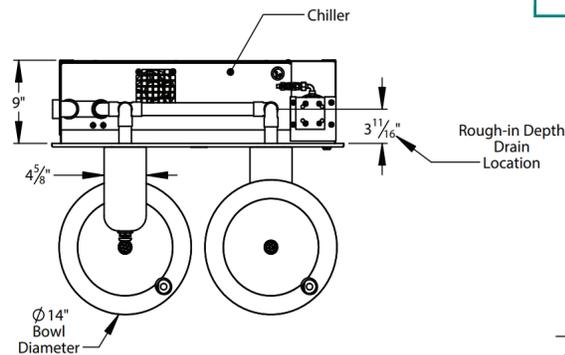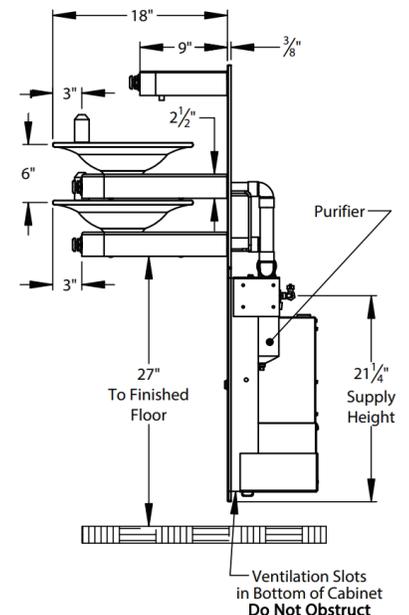
Select Low Fountain Location
☐ Left [S]   ☐ Right

NOTE:
Install Chiller in Stud Wall with Minimum 6" x 18" Opening for Exhaust into Plenum Above

Side View

18"
9"
3/8"
3"
2 1/2"
6"
3"

Purifier

27" To Finished Floor

21 1/4" Supply Height

Ventilation Slots in Bottom of Cabinet
Do Not Obstruct

For options, finishes and more see page 2

Front View

Optional Bottle Filler

8"   16"   8"

41 1/2"

7 1/4"

32 1/2"

45" or 40" Without Optional Bottle Filler

24"

22"

30"
32"

Ventilated, Pin-Hinged Lockable Access Door (Swings Left)

Filtrine Mfg. Co. • 15 Kit St. Keene, NH 03431 USA
800-930-3367 • 603-352-5500 • FAX 603-352-0330
www.filtrine.com • drinking_water@filtrine.com

MADE IN USA

FILTRINE IS ISO 9001:2015 CERTIFIED BY NSAI
PRODUCT LINE ETL APPROVED CE MARK AVAILABLE

COMPLIES WITH LEAD NSF/ANSI 372

FC-107-14-HL [EB]
REVISED
07.25.25
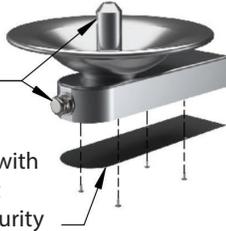
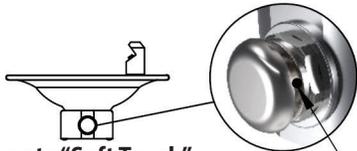## Standard Security Panel and Vandal Proof Bubbler [S]

♿

"Soft Touch" Button and Projector Bubbler with Recessed Set Screws

16 ga. Plate Secured with Tamper-Resistant Screws for Added Security

Standard Bubbler Controls

Remote "Soft Touch" Button Valve [S]

Tamper-Resistant Screws in Bubbler and "Soft Touch" Button(if applicable)

"Hands Free" Options

☐ **Bottle Counter***
- Digital display of approximate number of bottles saved through filler usage

 *Only available with "Hands Free" units

☐ **Bottle Rest**
- Located above fountain for reduced splash and one handed operaton

☐ **"Hands Free" Sensor Activated Bottle Filler**
- Features automatic shutoff (20 sec)
- Helps prevent vandalism and water waste

Power Supply Options:
(Choose only one)

☐ Connect 12v Transformer to A/C Power Supply [S]

or

☐ Use 12v Wall Plug

120/60/1 Voltage Required

☐ **"Hands Free" Sensor Activated Bubbler**

Optional Bottle Fillers (Choose only one optional filler)

- Mounted 10½" above fountain bowl
- Requires larger cover plate
- Comes standard with tamper proof screws
- Supply plumbing for filler provided by Filtrine

☐ **"Soft Touch" Button Vandal Proof Filler***

Hands Free options available

☐ **"Soft Touch" Button F-520 Bottle Filler***

Hands Free options available

Other options are available, please contact the factory for more choices.

Vandal Proof Option: ☐ Yes [S]   ☐ No

Bubbler Options:

All finish options available

☐ F-505   ☐ F-501   ☐ F-501-L   ☐ F-502

Available in: Stainless Steel, Oil-Rubbed Bronze, or Any Powder Coat Options

Fountain Finish (Check One)
☐ Satin Stainless [S]   ☐ Satin Bronze   ☐ Statuary Bronze   ☐ Oil-Rubbed Bronze   ☐ Oil-Rubbed Bronze Powder Coat   ☐ Powder Coat _____

Optional Cover Plate Finish (Check One)
☐ Satin Stainless [S]   ☐ Satin Bronze   ☐ Statuary Bronze   ☐ Oil-Rubbed Bronze   ☐ Oil-Rubbed Bronze Powder Coat   ☐ Powder Coat _____

Satin Stainless Steel [S]   **Satin Bronze**   **Statuary Bronze**   **Oil Rubbed Bronze**   **Oil Rubbed Bronze Powder Coat (Applied to Stainless Steel)**   **Powder Coat**

Mounting Plate Details (Front)

3¾" 8" 8" 8"

Supply (¼")

6X - Ø⁵⁄₁₆"
CS Holes for
Wall Mounting

Size of Mounting Plate
With Either Optional
Bottle Filler

20½"
With
Optional
Bottle
Filler

19"

15½" [S]

Approx.
Rough-In
Openings

⅜" Steel
Mounting
Tongues
(Welded on Plate)

10"

1¹⁵⁄₁₆"

7¹⁵⁄₁₆"

7¾"

Supply (¼")

Drain (1¼")

1" TYP

23¾"

31½"

Chiller Cabinet
Rough-In Opening
(Not To Scale)

27" Min

27" Minimum From
Bottom of Mounting
Plate to Finished Floor

Equals 34¼" to
Bubbler Spout

Finished Floor

Mounting Plate Rough-In Dimensions
(hatched, left)

MODEL	HEIGHT	WIDTH
107 Fountain	8"	8"
107 Fountain with Bottle Filler	19"	8"

*If unit does not have an optional bottle filler, make all rough-ins equal.
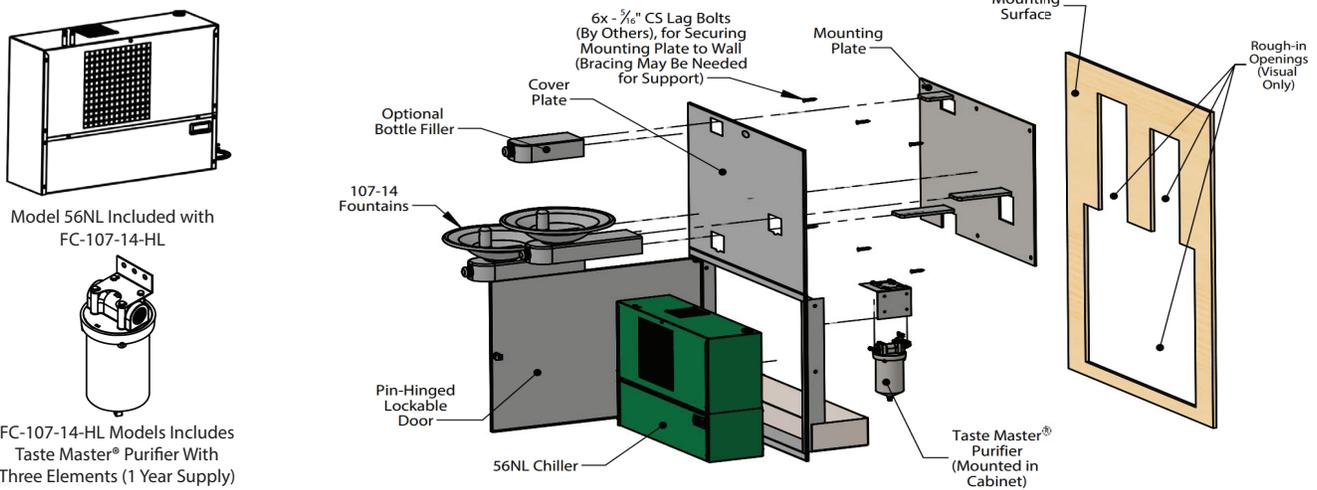
Access Panel Rough-In Dimensions
(hatched, left)

MODEL	HEIGHT	WIDTH	DEPTH
Chiller Cabinet	23"	19"	11"

All views shown are for typical installation of FC-107-14-HL.

Views, dimensions and diagrams may change for specific installation requirements
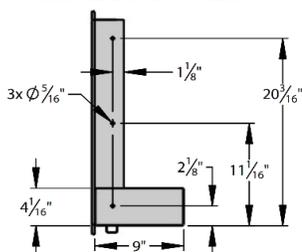
Exploded On-Wall Installation View FC-107-14-HL

Model 56NL Included with
FC-107-14-HL

FC-107-14-HL Models Includes
Taste Master® Purifier With
Three Elements (1 Year Supply)

6x - ⁵⁄₁₆" CS Lag Bolts
(By Others), for Securing
Mounting Plate to Wall
(Bracing May Be Needed
for Support)

Mounting
Plate

Mounting
Surface

Rough-in
Openings
(Visual
Only)

Cover
Plate

Optional
Bottle Filler

107-14
Fountains

Pin-Hinged
Lockable
Door

56NL Chiller

Taste Master®
Purifier
(Mounted in
Cabinet)

Typical Assembly Instructions (Always Install Per Local Code)

1. Cut rough opening per install requirements (rough opening example shown above) for fountain connections.

2. Cut a seperate rough opening extending below the fountain mounting plate for chiller cabinet using rough in dimensions above and install blocking or fixture carriers as required to support the drinking fountain mounting plate and purifier cabinet in a minimum 11" deep wall.

3. Fasten mounting plate over rough opening with ⁵⁄₁₆" countersunk lag bolts with bottom of plate 27" above floor to meet ADA fountain height requirement of 34 ¼" to the bubbler spout.

4. Install chiller cabinet in rough opening below the mounting plate and slide the cover plate over the mounting plate. Using screws, fasten the cabinet to the mounting surafce through the side flange of the cabinet.

5. Slide the fountain arms over the horizontal tongues protruding from the mounting plate and fasten with set screws pushing slightly against the cover plate.

6. Install chiller into the cabinet, making sure the side with the electronic temperature controller is facing the door. Do not plug in chiller until Step 10 is completed and tank is full of water.

7. Connect supply line to ¼" FPT connection at stop valve at the purifier.

8. Connect drain line to slip coupling unions. Use plumber's tape and crescent wrench to ensure all connections are tight. Connect drain trap per local code.

9. Install filter cartridge in housing per instructions on filter.

10. Activate bubbler with push button or sensor until all air in cooler tank and piping is purged out. If required, adjust flow regulator with screw driver per instructions in manual.

11. Plug cooler into a 15 amp GFCI circuit after the tank and piping system are completely full of treated water.

Chiller Cabinet Installation Details

3x Ø⁵⁄₁₆"

1⅛"

20³⁄₁₆"

2⅛"

11¹⁄₁₆"

4¹⁄₁₆"

9"

Typical Drain Plumbing Detail (In-Wall Plumbing Provided by Others, Install Per Local Code)

Back View (Cropped)

Install Drain
Trap Per Local
Code

Taste Master®
Purifier

Top View (Cropped)

Connect Supply Line
Here, All Others Supply
Plumbing Provided by
Filtrine

Taste Master®
Connections

Unions, Elbows
and Adapters for
Taste Master
Purifier provided
by Filtrine

Taste Master®
Purifier

¼" Plumbing
from Purifier
to Chiller

Fountain
Connections

1¼" Slip Coupling
for Connection of
Drain Plumbing

Supply
Plumbing
from Chiller
to Fountain