

## FEATURES & BENEFITS

### SMART ENERGY SAVINGS MODE

Energy saving feature allows unit to power off the refrigeration system after 2 hours of non-use and dark ambient light conditions. Unit will automatically start back up next time unit is used or lights are turned back on.

### PROGRAMMABLE FEATURES

Program your cooler to be in off mode during planned facility shut downs, change the settings on the digital readout for bright or dim display, adjust sensor range, and review settings and error codes.

### VANDAL RESISTANT FEATURES

Exceptional vandal resistance features include a hidden programming button, anti-rotational bubbler head with an optional stainless steel bubbler head, UPC impact tested bowl supports, Torx bit access screws, steel frame, and fasteners hidden from public view.

### ACTIVATION

A sensor operated solenoid valve provides hands-free hygienic operation.

### UNIVERSAL MOUNTING

Specially designed internal configuration allows for mounting over existing competitors rough-ins.

### BUBBLER HEAD

Bubbler features a flexible antimicrobial mouth guard to protect against injury and microorganisms. Anti-rotational design prevents unwanted attempts to remove or rotate the head.

### ELECTRONIC DISPLAY

Intuitive LED electronic display educates users when the bottle filler is activated, when the water is being filtered and how many plastic bottles have been saved. Vandal-resistant sensor resists scratching and water droplet fowling.

### BOTTLE FILLER

Quick fill sensor-operated bottle filler is accessible to all users, has LED lighting to illuminate the fill area, and an integral basin that drains directly to the waste.



## SPECIFICATIONS

Model 1212SH indoor wall-mount ADA Hi-Lo stainless steel motion activated water cooler and bottle filler shall include an ASHRAE compliant, hermetically sealed R-134a refrigeration system with thermostat. Unit features a unique, modern Hi-Lo (dual fountain) design with 304 satin finish stainless steel outer shell. Energy savings feature powers down refrigeration system after 2 hours of non-use and the lights shut off, and will automatically start again when used. The unit can also be programmed to shut down during planned facility closures, weekends, etc. Digital LED interface keeps user apprised of programming and error codes. Bottle filler basin drains directly to the units waste. The system includes electronic sensor operated solenoid valves, .45 gpm self-regulating, anti-rotational bubbler heads with flexible antimicrobial mouth guards, bubbler head deactivation feature, bottle filler auto purge every 24 hours, enhanced tankless evaporator coil using thermal mass cooling technology, and LED illuminated bottle fill area. 115 Volts, 60Hz, rated watts: 350, full load amps: 5. Dimensions: (L x W x H) 18-3/4 x 34-1/16 x 40-3/4"

## APPLICATIONS

Great for schools, office buildings, shopping malls, and other indoor environments where there is a demand for a chilled water source. CSA certified to comply with NSF/ANSI/CAN 61: Q ≤ 1, NSF/ANSI/CAN 372, ASME A112.18.1/CSA B125.1, UL 399 and CSA C22.2 No. 120. ADA compliant to ICC A117.1, CSA B651, DOJ's 2010 ADA Standards for Accessible Design when properly installed. ASHRAE 18 compliant chilling capacity of 8.0 gallon per hour of 50 degree drinking water, based on 80 degree inlet water and 90 degree ambient temperature. FCC and CAN ICES - 3(A)/NMB-3(A). Electric water coolers are not recommended or designed for outdoor applications or enclosed pool areas (chlorine), and failure to heed these conditions may void warranty.



## OPTIONS

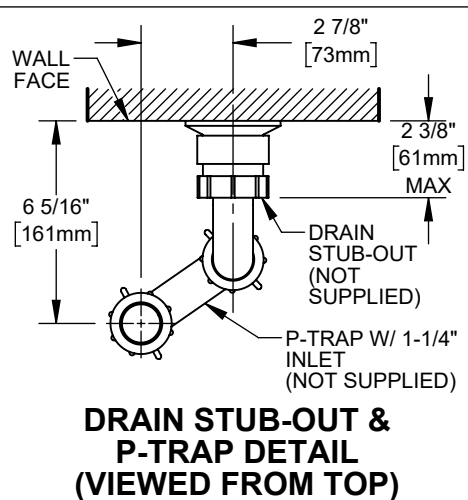
- Bubbler Head: Model 5716, stainless steel bubbler head for the Haws 1200 series water coolers.
- Cane Detection, Floor Mounted: Model SK6, floor mounted cane detection for the Haws Hi-Lo drinking fountains.

For more information, visit [www.hawscos.com](http://www.hawscos.com) or call (888) 640-4297.

## NOTES:

1. HOLD PLUMBING & ELECTRICAL DIMENSIONS  $\pm 1/4"$  (6.4mm). HOLD MOUNTING DIMENSIONS  $\pm 1/8"$  [ $\pm 3.2$ MM].
2. ADHERING TO PROVIDED INSTALLATION HEIGHT DIMENSIONS WILL ALLOW A SINGLE WATER COOLER (OR THE LOW WATER COOLER IN A HI-LO INSTALLATION), AND THE BOTTLE FILLER (IF APPLICABLE) TO BE INSTALLED AT ADULT ADA HEIGHT. FOR INSTALLATION HEIGHTS OTHER THAN SHOWN, DIMENSIONS MARKED (\*) MUST BE ADJUSTED ACCORDINGLY. WHEN INSTALLING THIS UNIT, LOCAL, STATE, OR FEDERAL CODES SHOULD BE ADHERED TO.

## TYPICAL SINGLE (OR LOW) UNIT INSTALLATION (REFRIGERATION COMPONENTS HIDDEN FOR CLARITY)



120VAC GFCI-PROTECTED ELECTRICAL RECEPTACLE, MIN. 15A SERVICE (USE STANDARD SIZE 4.5 X 2.75" WALLPLATE). DEDICATED CIRCUIT RECOMMENDED

DRAIN STUB-OUT (NOT SUPPLIED)

P-TRAP W/ 1-1/4" INLET (NOT SUPPLIED)

\* 19 7/8" [505mm]

\* 12" [305mm]

2X  $\phi 7/16"$  [11mm]

SUPPLY VALVE (NOT SUPPLIED; REC. 90° VALVE W/ 1/2" IPS SUPPLY & 3/8" COMPRESSION OR QUICK CONNECT TUBING OUTLET)

4 1/4" [108mm]

2 5/8" [67mm]

MOUNTING BRACKET

SENSOR LOCATION (IF APPLICABLE)

4X  $\phi 9/32"$  [7mm]

2X 1 3/4" [44mm]

\* 24 3/4" [629mm]

\* 28 3/8" [721mm]

\* 2X 13 7/8" [352mm]

\* 2X 13 7/8" [352mm]

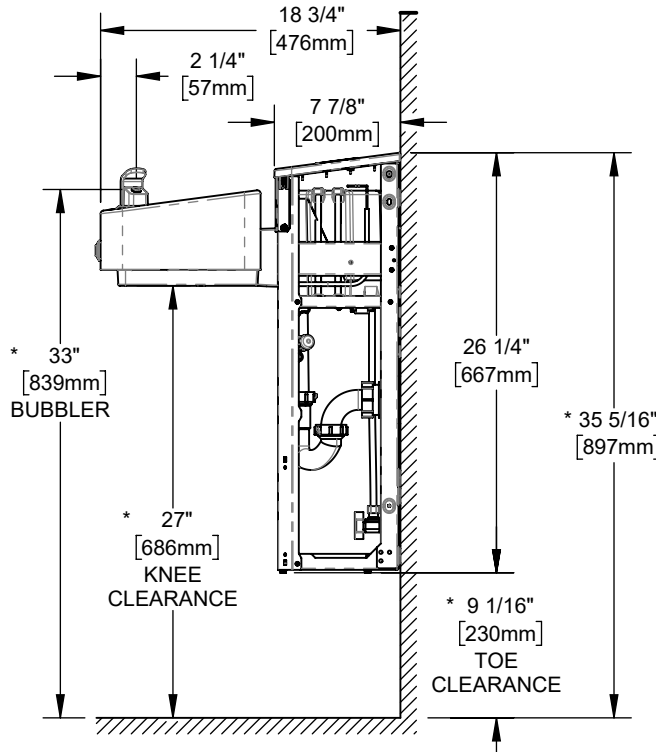
\* 2X 13 7/8" [352mm]

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FULL SCALE  
ROUGH-IN TEMPLATE  
MODEL MTG.1200  
AVAILABLE UPON REQUEST.

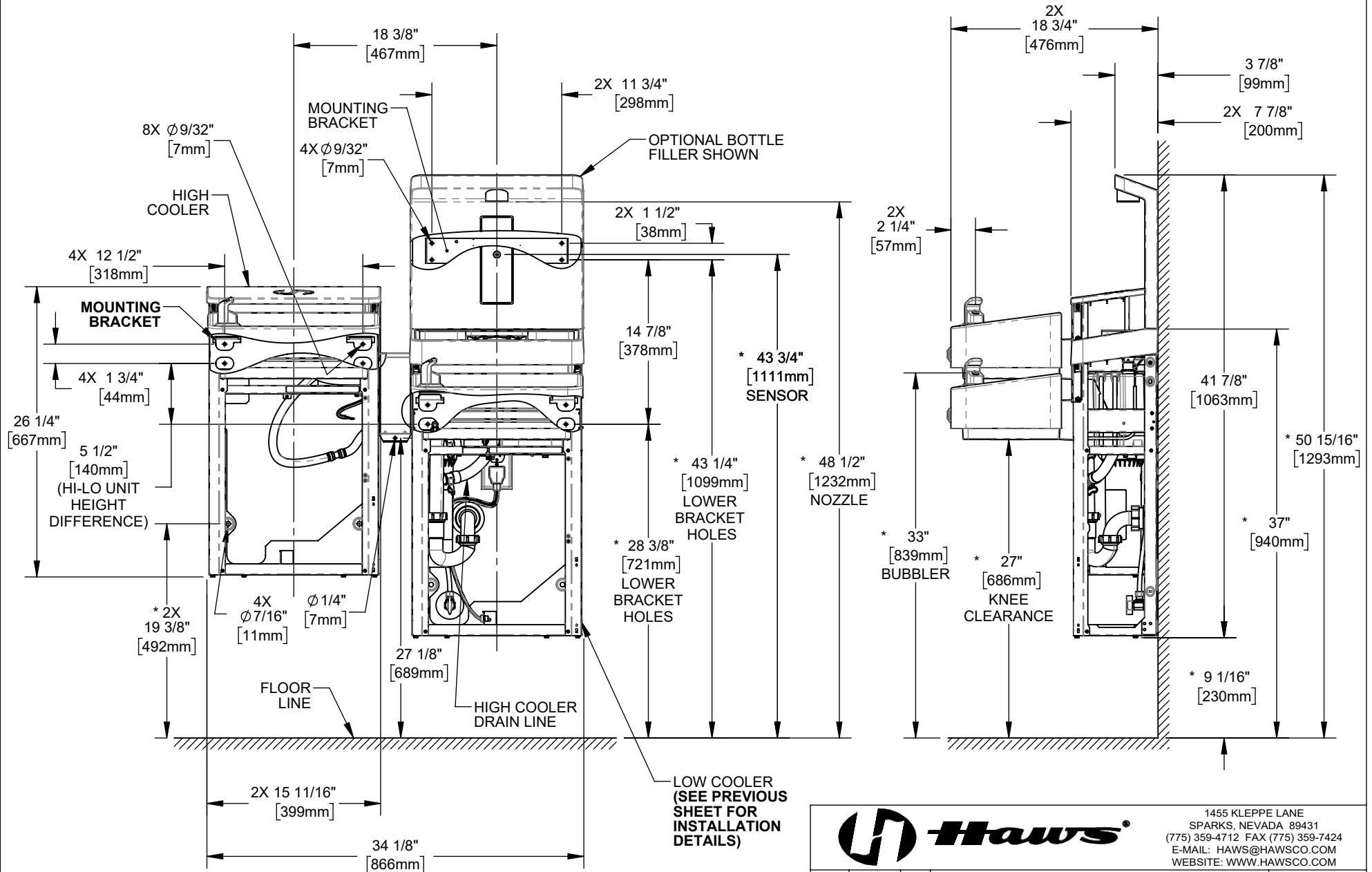


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|               |                            |          |                             |              |
|---------------|----------------------------|----------|-----------------------------|--------------|
| ECN: 5343     | REV. ECN: 5883             | BY: JU   | MODEL(S)                    | PART NUMBER  |
| DRAWN: JL     | DATE: 07/25/18             | CHKD: JU | 12XX ELECTRIC WATER COOLERS | 0510000866.D |
| APPROVED: DHP | DATE: 05/11/23             |          |                             | REVISION     |
|               |                            |          |                             | 8            |
| SCALE: 1:12   | DRAWING TYPE: INSTALLATION | SIZE: A  | SHEET 1 OF 7                |              |

## TYPICAL HI-LO UNIT INSTALLATION

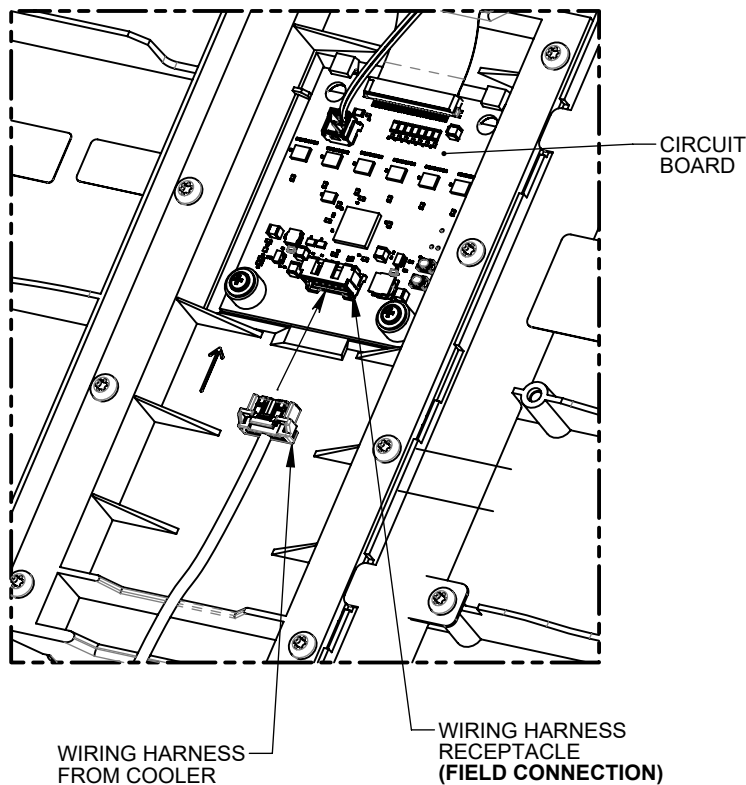
(REFRIGERATION COMPONENTS HIDDEN FOR CLARITY)



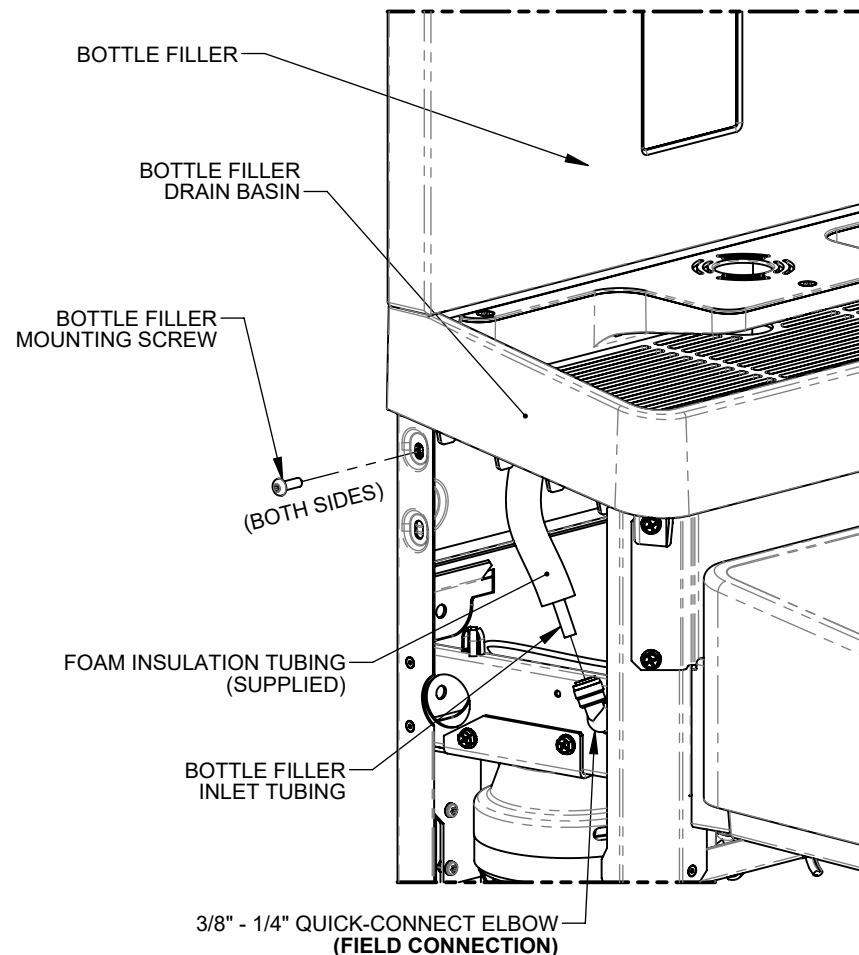
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|               |                            |          |                             | 8            |
| SCALE: 1:12   | DRAWING TYPE: INSTALLATION | SIZE: A  | SHEET 2 OF 7                |              |

## BOTTLE FILLER INSTALLATION DETAILS



**WIRING HARNESS CONNECTION  
(REAR OF BOTTLE FILLER)**



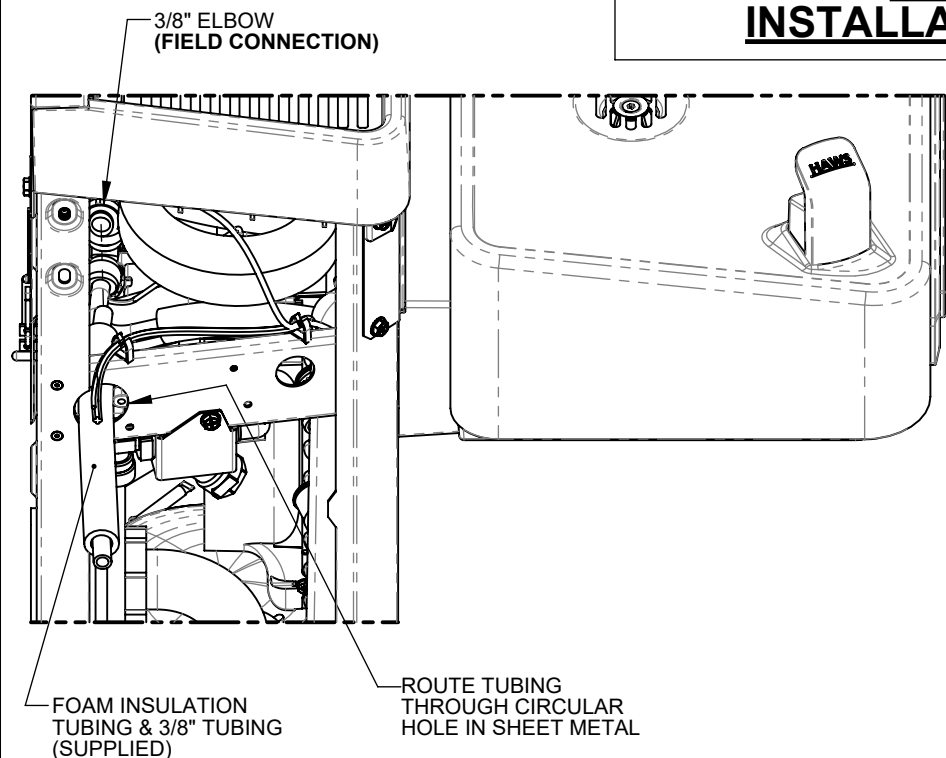
**BOTTLE FILLER MOUNTING &  
TUBING CONNECTION**



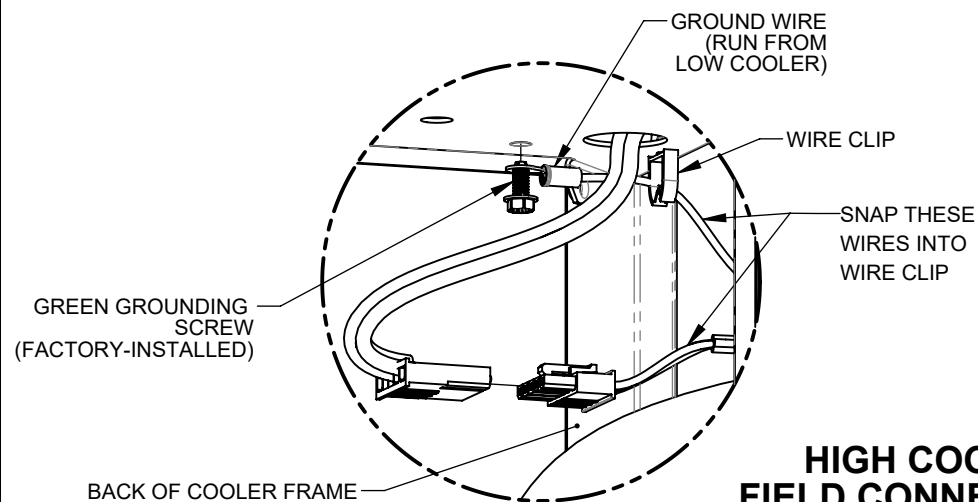
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|                  |                   |             |                                         |                             |
|------------------|-------------------|-------------|-----------------------------------------|-----------------------------|
| ECN:<br>5343     | REV. ECN:<br>5883 | BY:<br>JU   | MODEL(S)<br>12XX ELECTRIC WATER COOLERS | PART NUMBER<br>0510000866.D |
| DRAWN:<br>JL     | DATE:<br>07/25/18 | CHKD:<br>JU |                                         | REVISION<br>8               |
| APPROVED:<br>DHP | DATE:<br>05/11/23 | SCALE: 1:12 | DRAWING TYPE: INSTALLATION              | SIZE: A                     |
|                  |                   |             |                                         | SHEET 3 OF 7                |

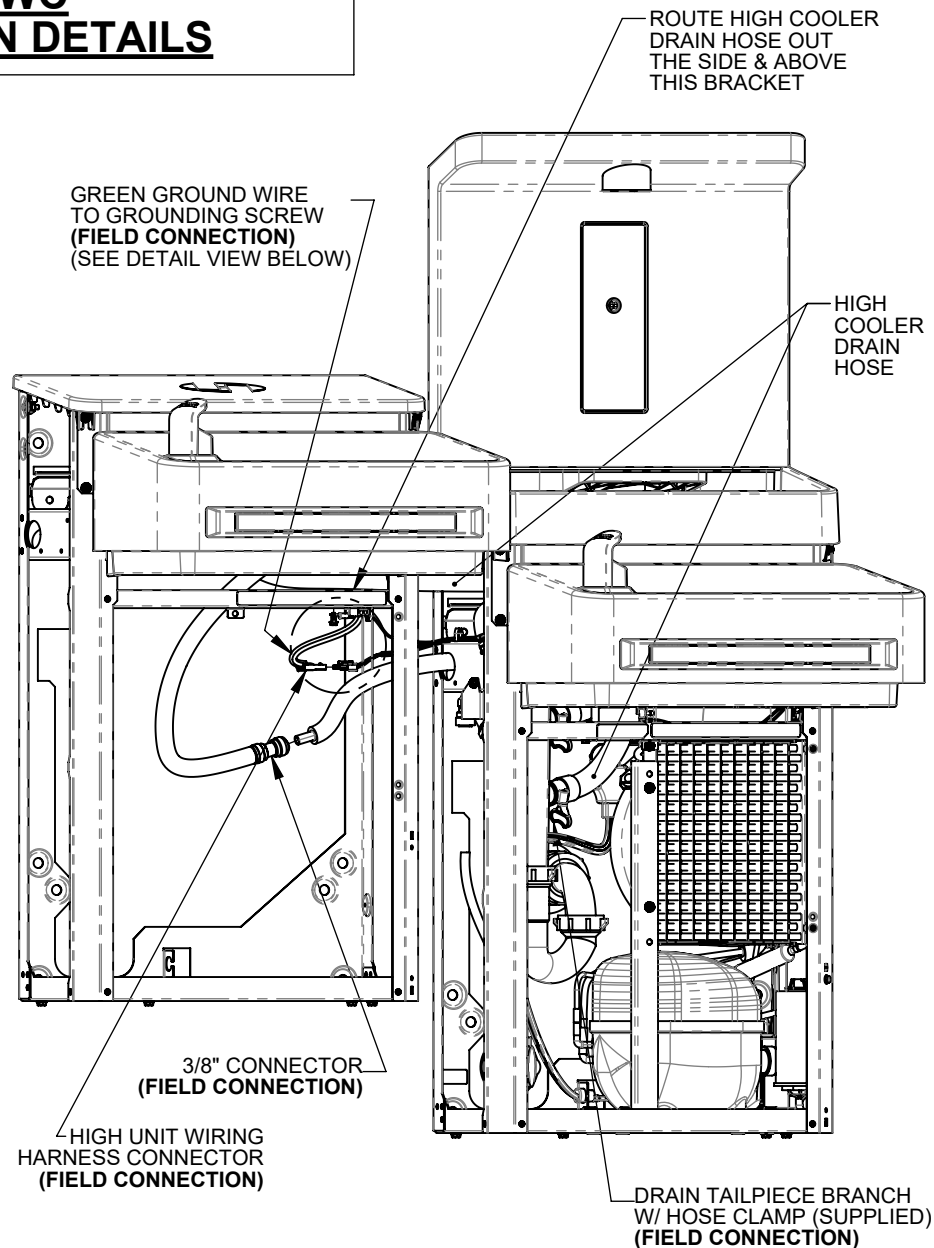
# HIGH EWC INSTALLATION DETAILS



**HIGH EWC TUBING CONNECTION  
(ON LOW COOLER)**



**HIGH COOLER  
FIELD CONNECTIONS**



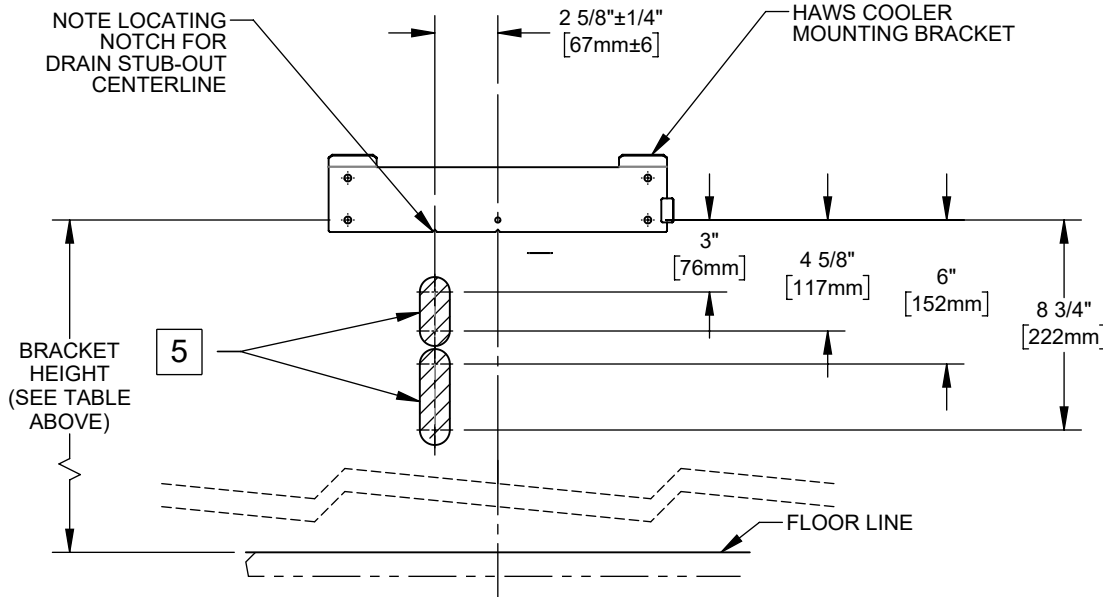
|                                                                                                    |                   |             |                                             |                                                                                                                                   |  |  |  |
|----------------------------------------------------------------------------------------------------|-------------------|-------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--|--|--|
|  <b>Haws®</b> |                   |             |                                             | 1455 KLEPPE LANE<br>SPARKS, NEVADA 89431<br>(775) 359-4712 FAX (775) 359-7424<br>E-MAIL: HAWS@HAWSO.COM<br>WEBSITE: WWW.HAWSO.COM |  |  |  |
| ECN:<br>5343                                                                                       | REV. ECN:<br>5883 | BY:<br>JU   | MODEL(S)<br><br>12XX ELECTRIC WATER COOLERS | PART NUMBER<br>0510000866.D                                                                                                       |  |  |  |
| DRAWN:<br>JL                                                                                       | DATE:<br>07/25/18 | CHKD:<br>JU |                                             | REVISION<br>8                                                                                                                     |  |  |  |
| APPROVED: DHP<br>DATE: 05/11/23                                                                    |                   |             |                                             | SCALE: 1:24    DRAWING TYPE: INSTALLATION    SIZE: A    SHEET 4 OF 7                                                              |  |  |  |
|                                                                                                    |                   |             |                                             |                                                                                                                                   |  |  |  |
|                                                                                                    |                   |             |                                             |                                                                                                                                   |  |  |  |

# RETROFIT INSTALLATION DETAILS

## 3 RETROFIT TABLE

| MANUFACTURER        | MODEL                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| HAWS                | ALL MODELS STARTING WITH HWUACP                                                                                                      |
| ELKAY/HALSEY TAYLOR | - ALL MODELS STARTING WITH EB, EI, EMA, EN, EZ, HAC HVR, LI, LMA, LZ, TB, & TI<br><br>- SINGLE COOLER MODELS STARTING WITH VRC & LVR |
| OASIS               | ALL VERSACOOLER II MODELS                                                                                                            |
| SUNROC              | ALL MODELS STARTING WITH ADA A171, A171.8, & A172.8UBL MODELS                                                                        |
| MURDOCK             | NOTE: THE WATER STOP VALVE MUST BE RELOCATED TO RETROFIT A FILTERED 12XX COOLER                                                      |

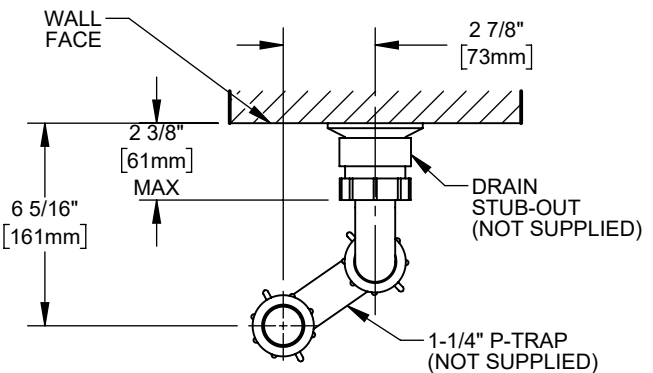
| LOW COOLER BRACKET HEIGHT |           |           |
|---------------------------|-----------|-----------|
| ADULT STANDING            | ADULT ADA | CHILD ADA |
| 33 7/8"                   | 28 3/8"   | 25 3/8"   |



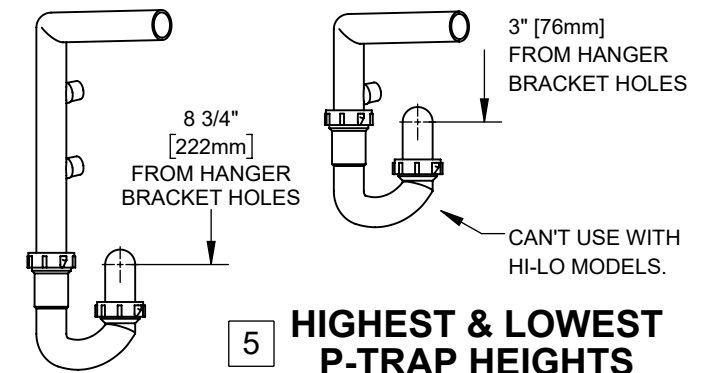
## PERMISSIBLE LOCATIONS FOR DRAIN STUB-OUT

### NOTES:

- 3 THE 12XX COOLER SERIES IS ABLE TO RETROFIT IN PLACE OF A NUMBER OF COMPETITOR MODELS. SEE RETROFIT TABLE ABOVE FOR PARTIAL LIST OF COOLERS ABLE TO BE REPLACED BY THIS ONE.  
**THE FOLLOWING DISCLAIMERS APPLY:**
  - THE 12XX COOLER CENTERLINE MAY NOT MATCH THE OLD COOLER'S CENTERLINE, SINCE THE 12XX COOLER DRAIN MUST BE 2 5/8" OFF OF CENTER. THIS MAY AFFECT ADA COMPLIANCE.
  - FOR HI-LO COOLER RETROFITS, EXISTING RIGHT-SIDE COOLER MUST BE THE LOW COOLER. DRAIN, WATER, AND ELECTRIC SERVICES MUST BE POSITIONED BEHIND RIGHT-SIDE UNIT.
  - THERE MUST BE WALL BLOCKING OR OTHER STRUCTURAL MATERIAL BEHIND HAWS MOUNTING HOLES.
  - VERIFY THAT DRAIN, ELECTRIC, & WATER SERVICES ARE LOCATED WITHIN BOUNDARIES SPECIFIED ON THIS SHEET AND THE NEXT. SOME RETROFITS MAY REQUIRE THE ELECTRIC OUTLET TO BE MOVED.
- 4 THE P-TRAP IS NOT SUPPLIED. THE VERTICAL DIMENSIONS GIVEN ARE BASED UPON INSTALLATION USING OF A KEENEY 200W P-TRAP, AND SHOULD THEREFORE BE REGARDED AS REFERENCE-ONLY.
- 5 THE CENTERLINE OF THE DRAIN STUB-OUT MUST BE BETWEEN 3" [76mm] & 4-5/8" [118mm] OR BETWEEN 6" [152mm] & 8-3/4" [229mm] BELOW THE LOWERMOST EWC MOUNTING BRACKET HOLES IN ORDER FOR THE P-TRAP TO AFFIX PROPERLY TO THE DRAIN TAILPIECE.
  - DEPENDING ON STUB-OUT HEIGHT, SOME TRIMMING OF THE TAILPIECE WILL BE REQUIRED.
  - MOUNTING THE STUB-OUT IN THE HIGHER RANGE WILL REQUIRE TRIMMING THE TAILPIECE ABOVE THE LOWER DRAIN HOSE BRANCH. **IN THIS INSTANCE, THEREFORE, A HI-LO COOLER CANNOT BE INSTALLED.**
- 6 WHATEVER P-TRAP AND STUB-OUT PLUMBING ARE USED, CARE SHOULD BE TAKEN TO ENSURE THAT THE P-TRAP CAN SEAL TO THE STUB-OUT PROPERLY AND STILL ALIGN TO THE DRAIN TAILPIECE (LOCATED AT THE GIVEN DIMENSIONS).



## 6 DRAIN STUB-OUT/P-TRAP DETAIL (VIEWED FROM TOP)



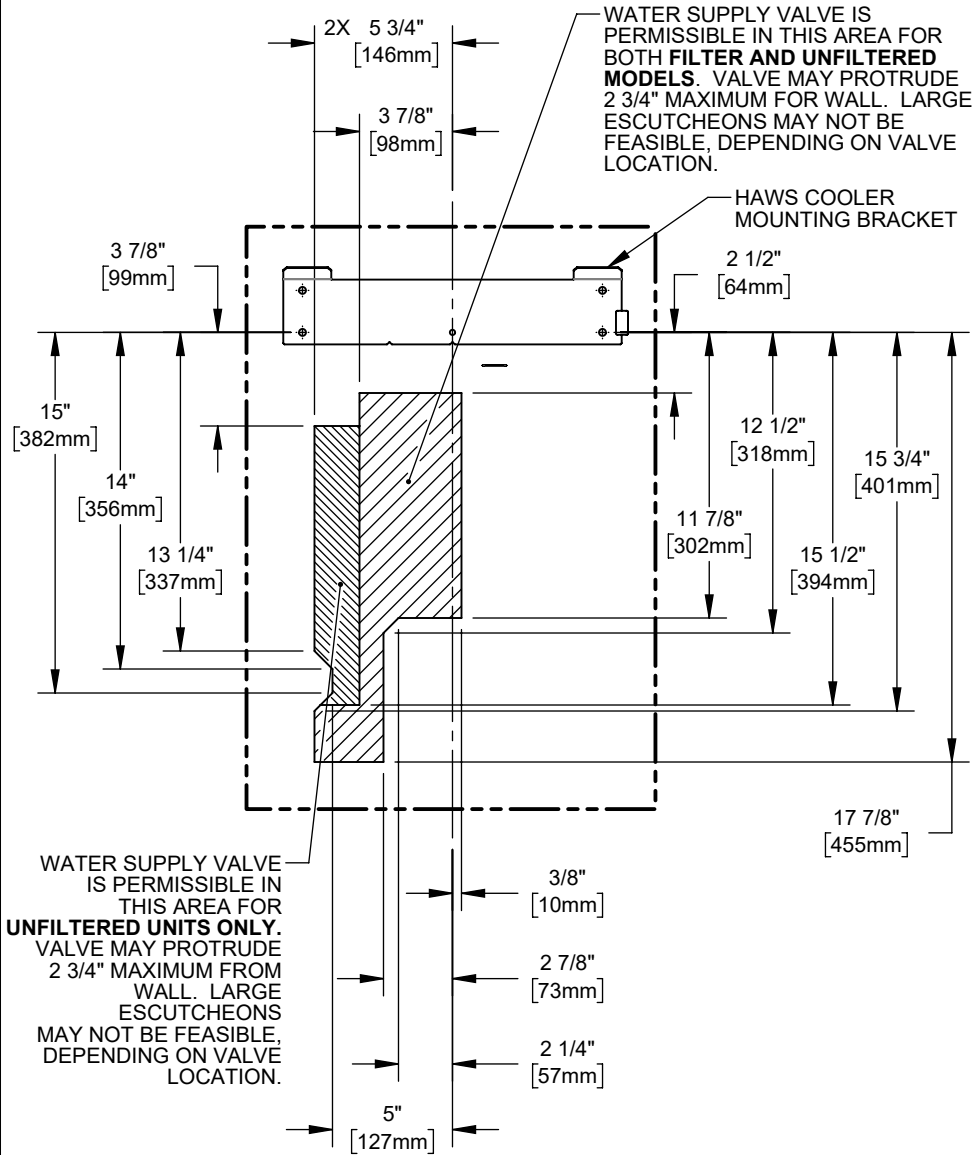
## 5 HIGHEST & LOWEST P-TRAP HEIGHTS



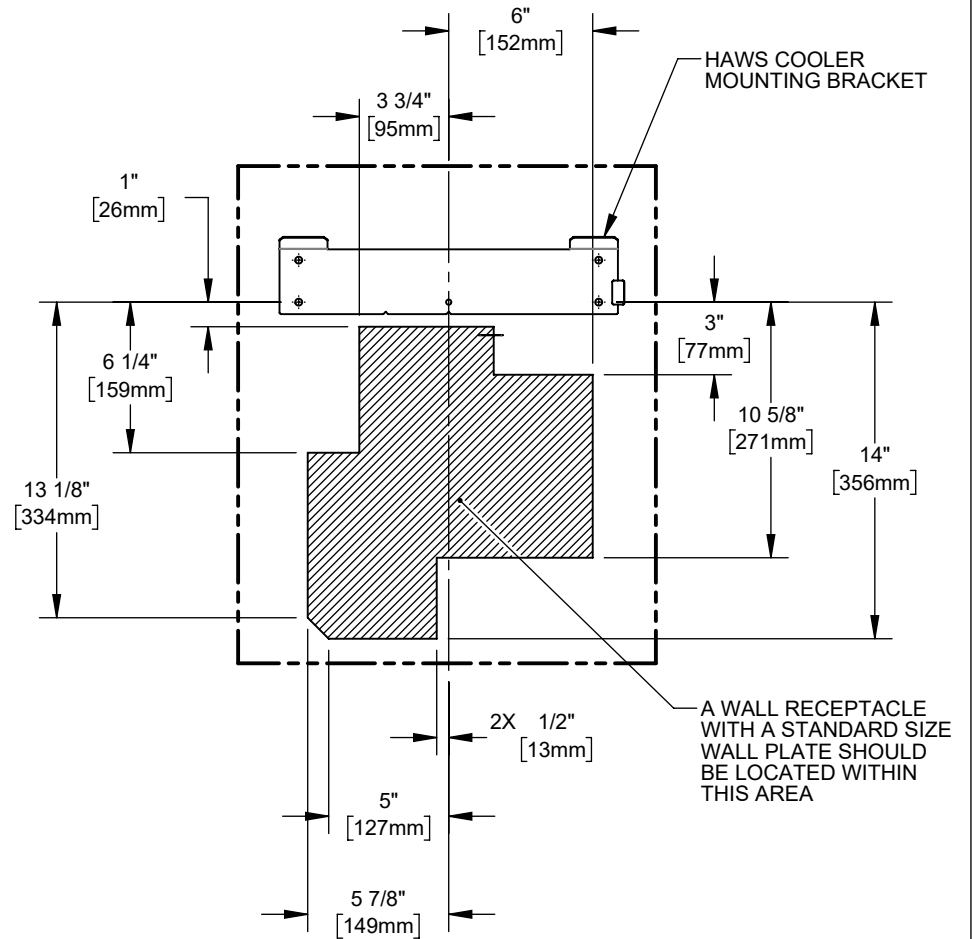
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| APPROVED: DHP | DATE: 05/11/23 |          |            |                             | REVISION     |
|               |                |          |            |                             | 8            |
|               |                |          | SCALE: 1/8 | DRAWING TYPE: INSTALLATION  | SIZE: A      |
|               |                |          |            |                             | SHEET 5 OF 7 |

# **RETROFIT INSTALLATION DETAILS**



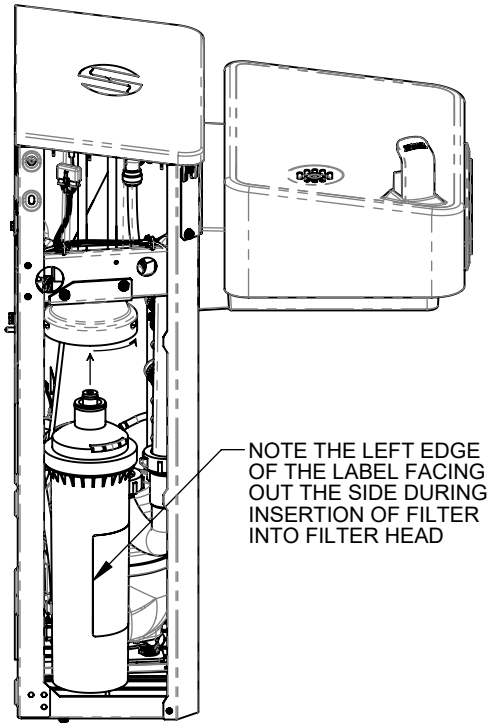
**PERMISSIBLE WATER  
SUPPLY LOCATIONS**



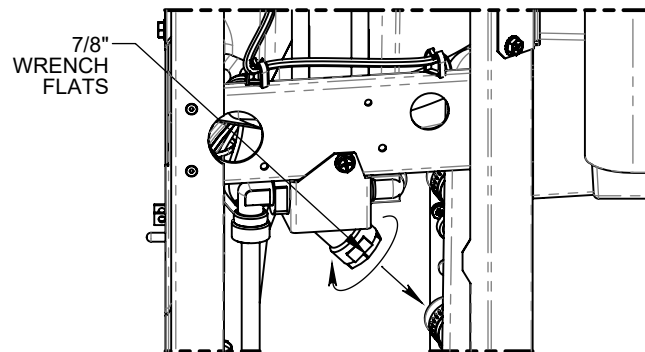
**PERMISSIBLE ELECTRICAL  
RECEPTACLE LOCATIONS**

|               |  |                |  |            |  |                             |  |              |  |
|---------------|--|----------------|--|------------|--|-----------------------------|--|--------------|--|
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| APPROVED: DHP |  | DATE: 05/11/23 |  | SCALE: 1/8 |  | DRAWING TYPE: INSTALLATION  |  | REVISION     |  |
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|               |  |                |  |            |  |                             |  | SHEET 6 OF 7 |  |

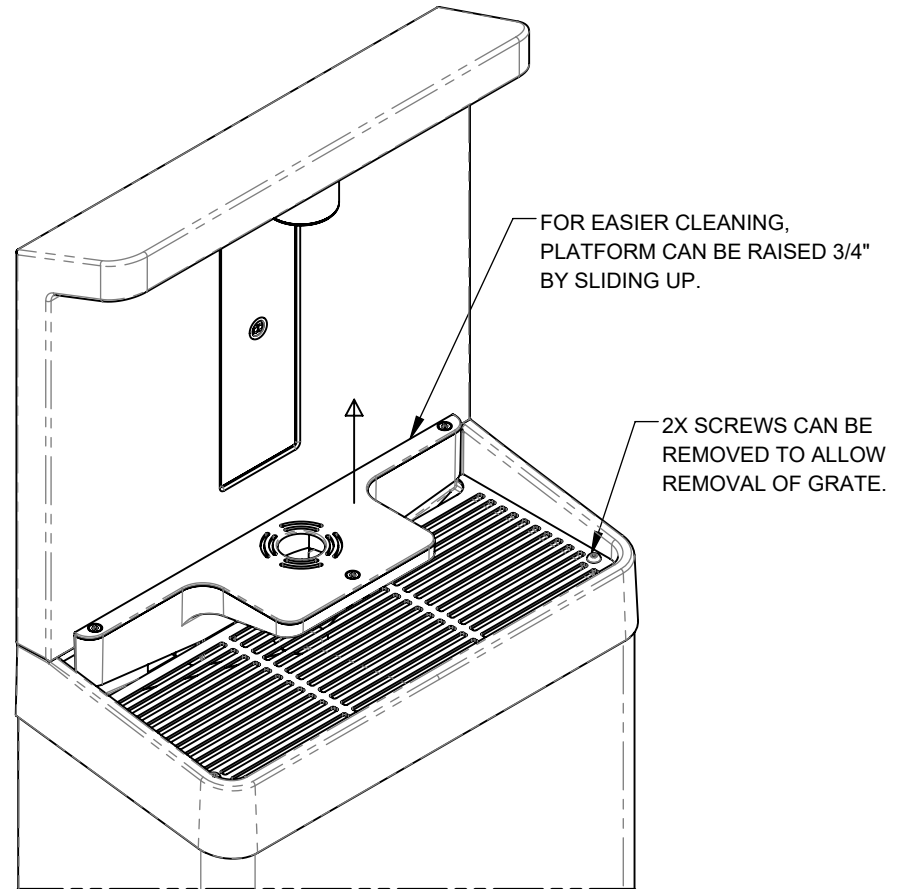
## MAINTENANCE



**FILTER REPLACEMENT**



**Y-STRAINER CLEANING**



**CLEANING DRAIN BASIN AREA**



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| APPROVED:<br>DHP | DATE:<br>05/11/23 | SCALE:<br>1:8 | DRAWING TYPE:<br>INSTALLATION           | SIZE:<br>A                  |
|                  |                   |               |                                         | SHEET 7 OF 7                |