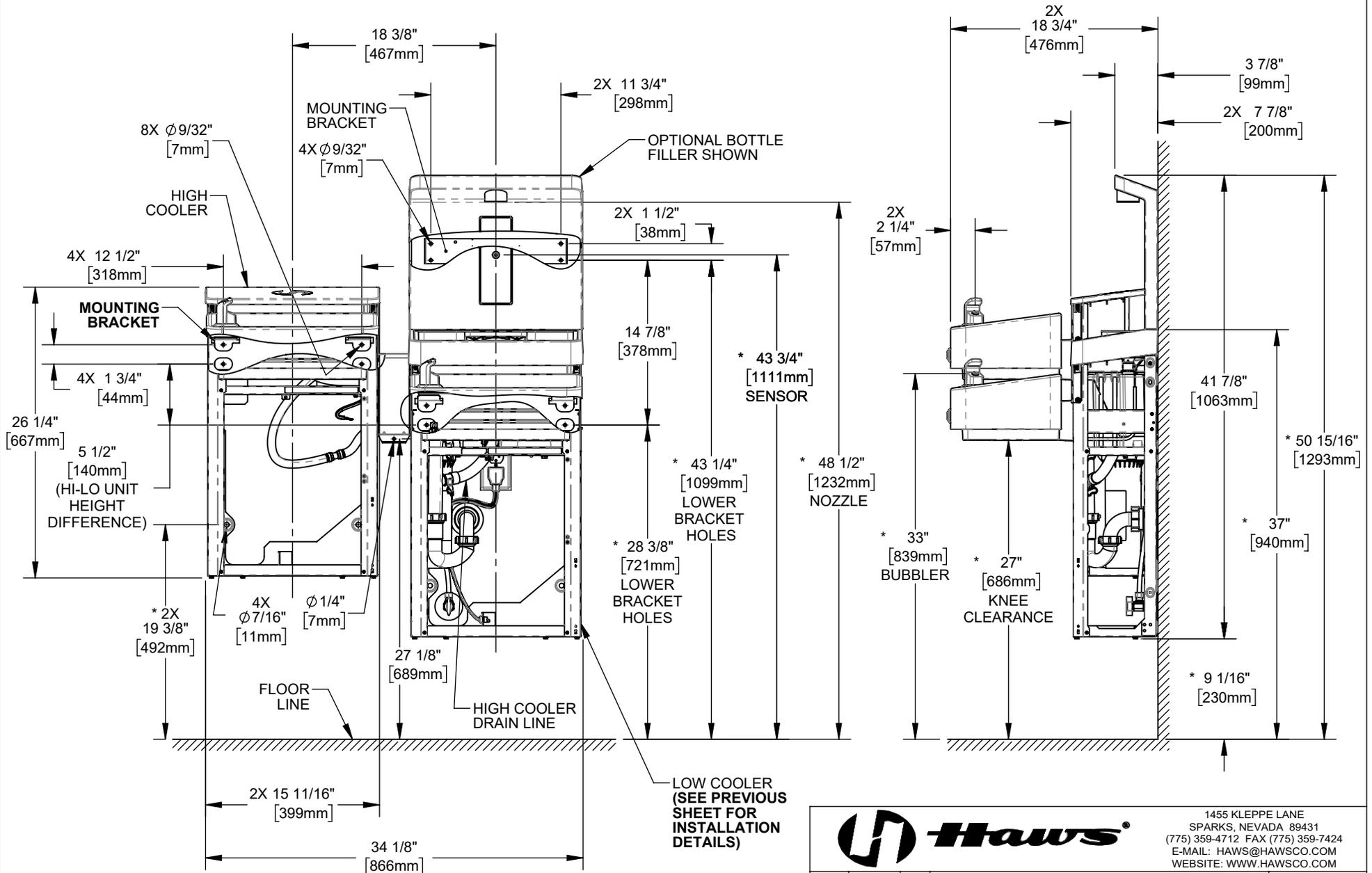




# TYPICAL HI-LO UNIT INSTALLATION

(REFRIGERATION COMPONENTS HIDDEN FOR CLARITY)

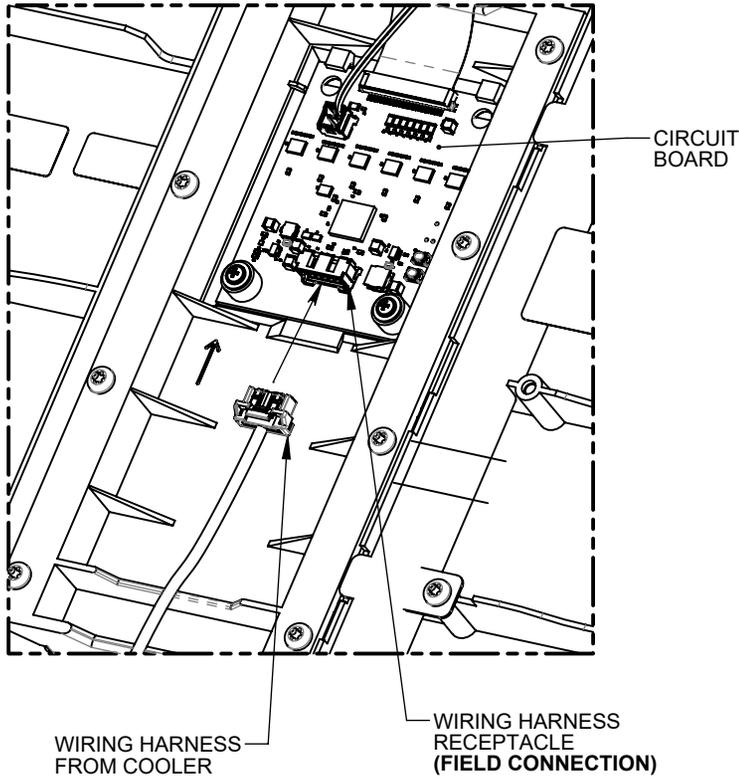




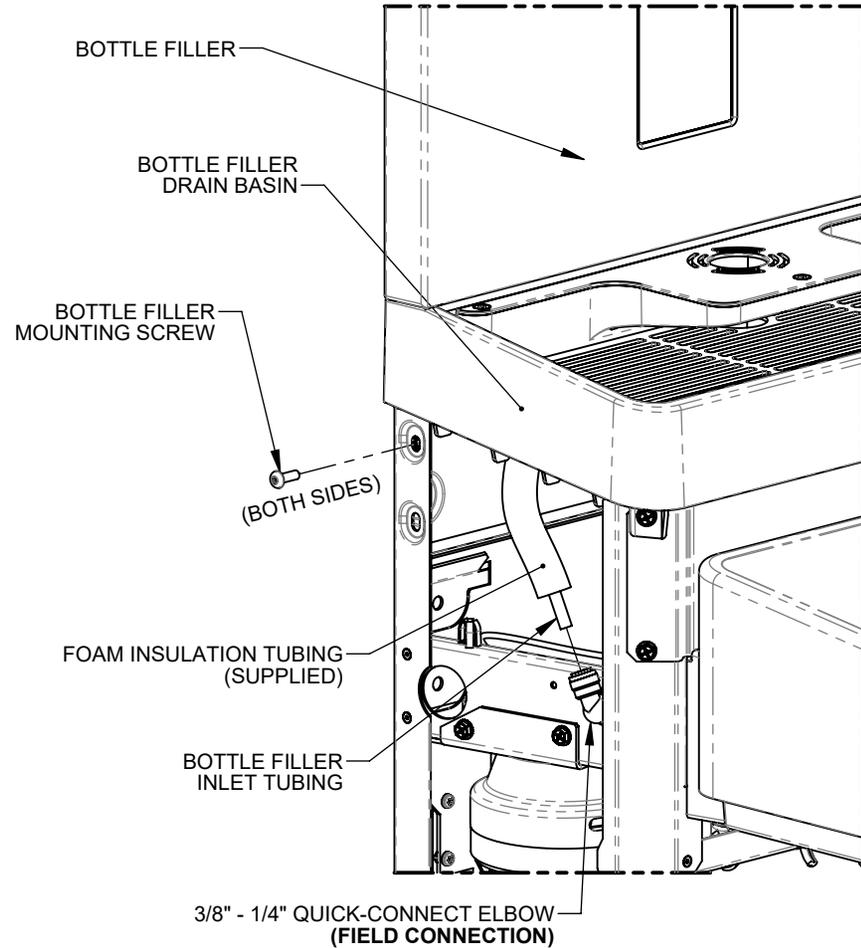
1455 KLEPPE LANE  
SPARKS, NEVADA 89431  
(775) 359-4712 FAX (775) 359-7424  
E-MAIL: HAWS@HAWSO.COM  
WEBSITE: WWW.HAWSO.COM

ECN: 5343	REV. ECN: 6104	BY: JY	MODEL(S)	PART NUMBER
DRAWN: JL	DATE: 07/25/18	CHKD: DN	12XX ELECTRIC WATER COOLERS	0510000866.D
APPROVED: DHP	DATE: 10/01/24			REVISION
				9
SCALE: 1:12		DRAWING TYPE: INSTALLATION		SHEET 2 OF 7

# BOTTLE FILLER INSTALLATION DETAILS



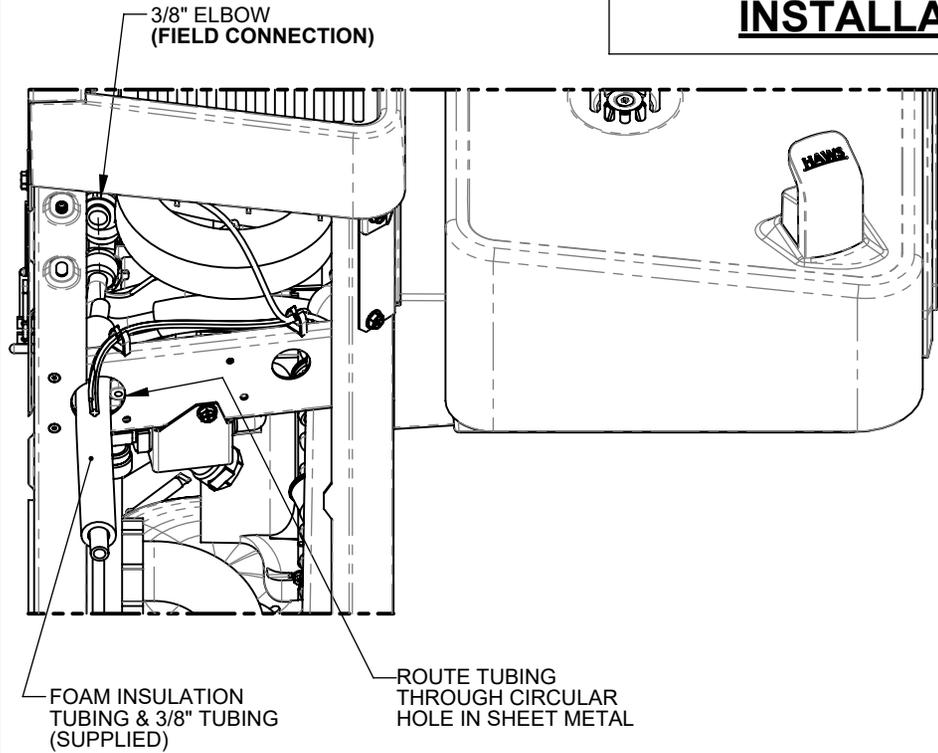
**WIRING HARNESS CONNECTION  
(REAR OF BOTTLE FILLER)**



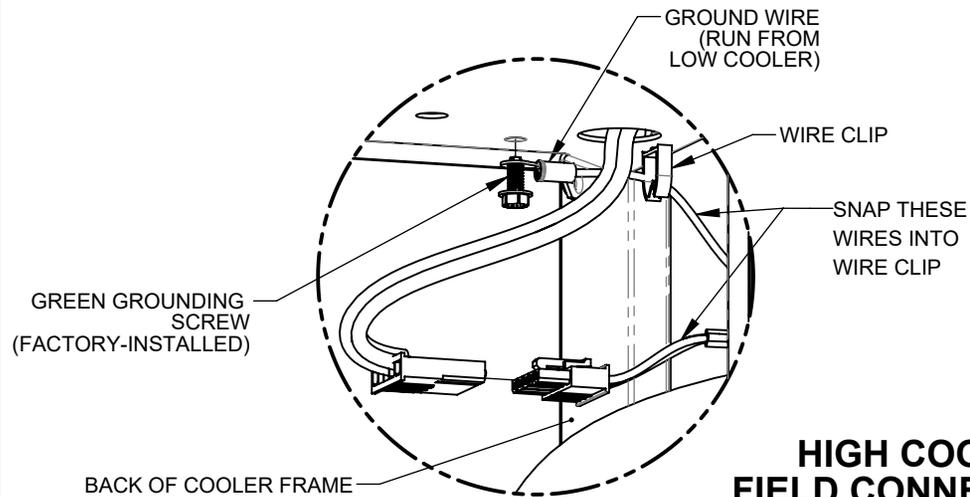
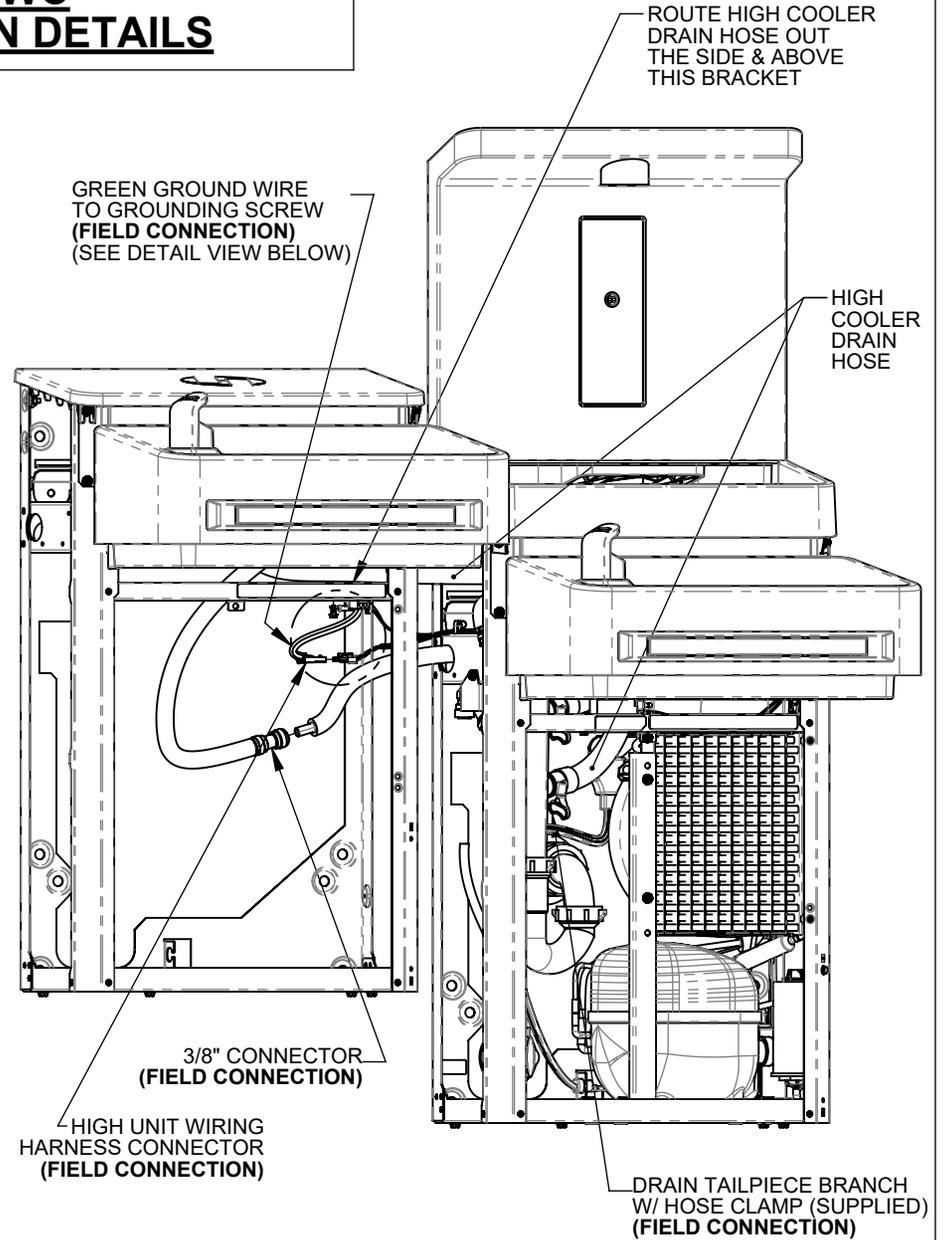
**BOTTLE FILLER MOUNTING &  
TUBING CONNECTION**

		1455 KLEPPE LANE SPARKS, NEVADA 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWSCO.COM WEBSITE: WWW.HAWSCO.COM	
		ECN: 5343 DRAWN: JL APPROVED: DHP	REV. ECN: 6104 DATE: 07/25/18 DATE: 10/01/24
PART NUMBER 0510000866.D			REVISION 9
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**



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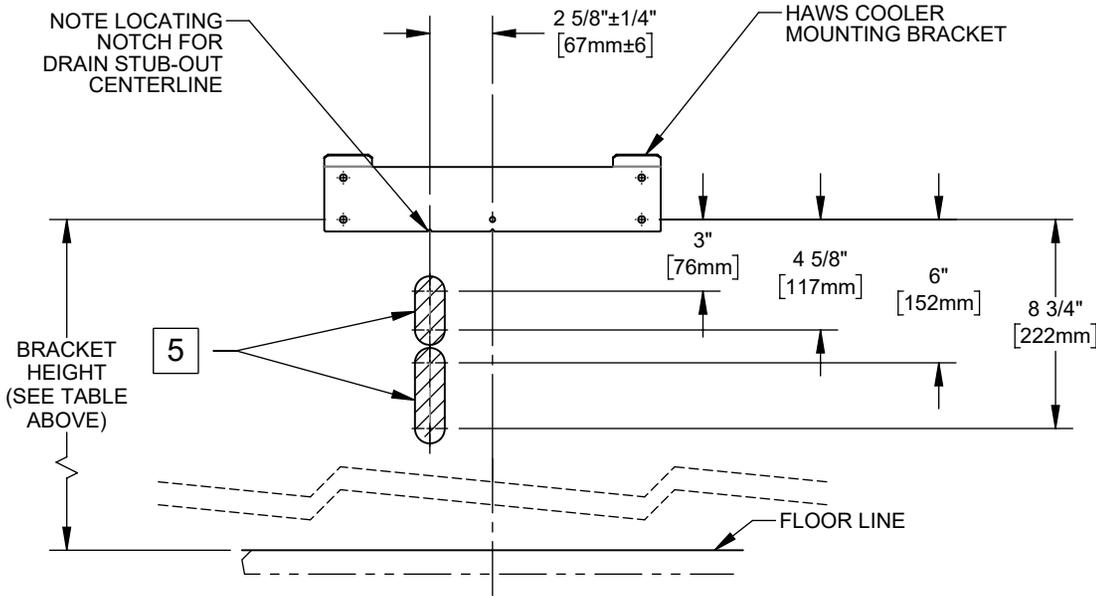
ECN: 5343	REV. ECN: 6104	BY: JU	MODEL(S):	PART NUMBER:
DRAWN: JL	DATE: 07/25/18	CHKD: DN	12XX ELECTRIC WATER COOLERS	0510000866.D
APPROVED: DHP	DATE: 10/01/24	SCALE: 1:24	DRAWING TYPE: INSTALLATION	REVISION: 9
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# RETROFIT INSTALLATION DETAILS

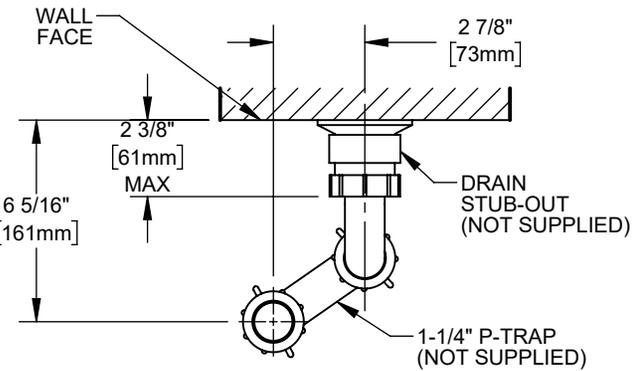
### 3 RETROFIT TABLE

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  - 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"



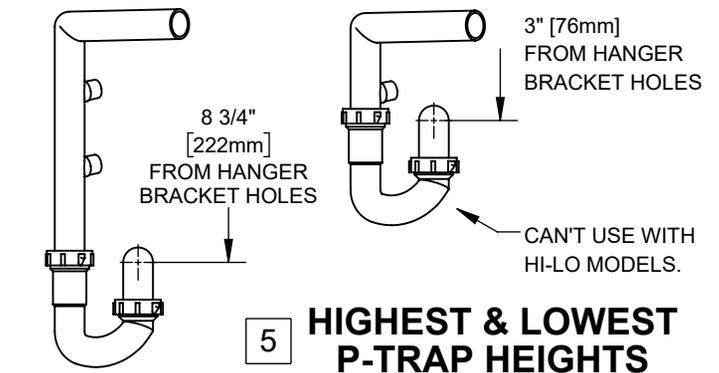
### PERMISSIBLE LOCATIONS FOR DRAIN STUB-OUT



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

**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 LOWEST 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).



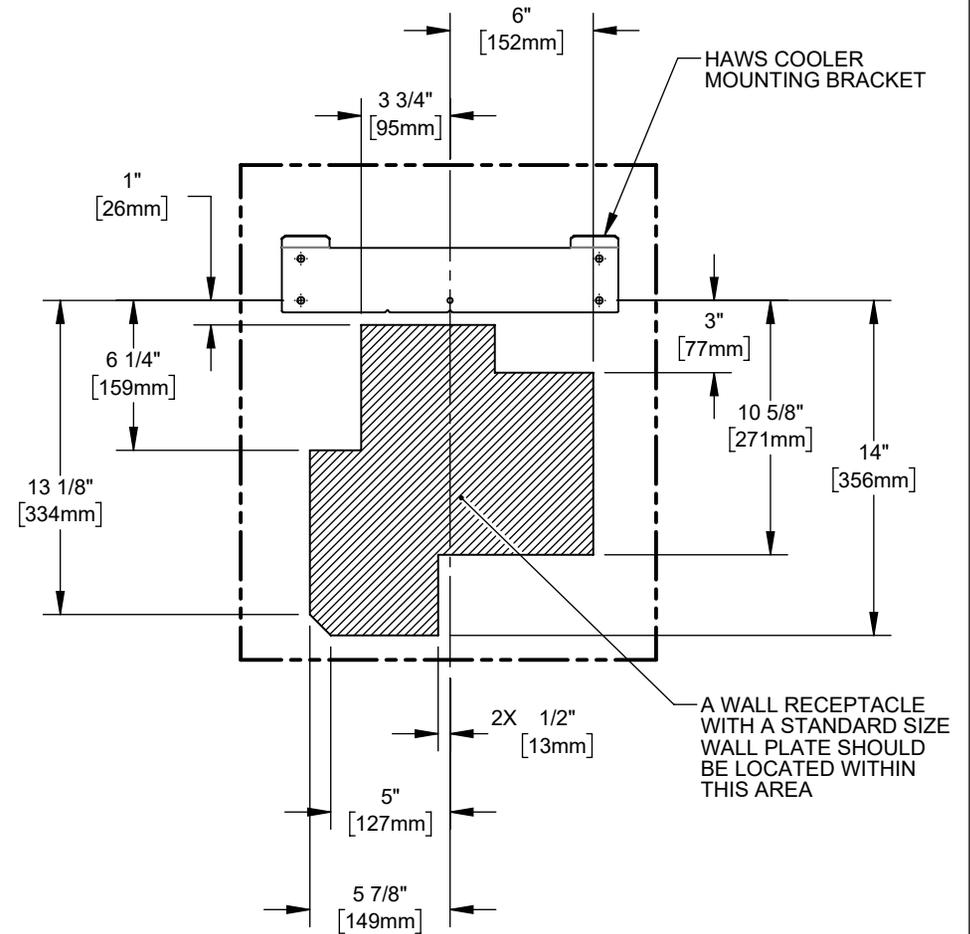
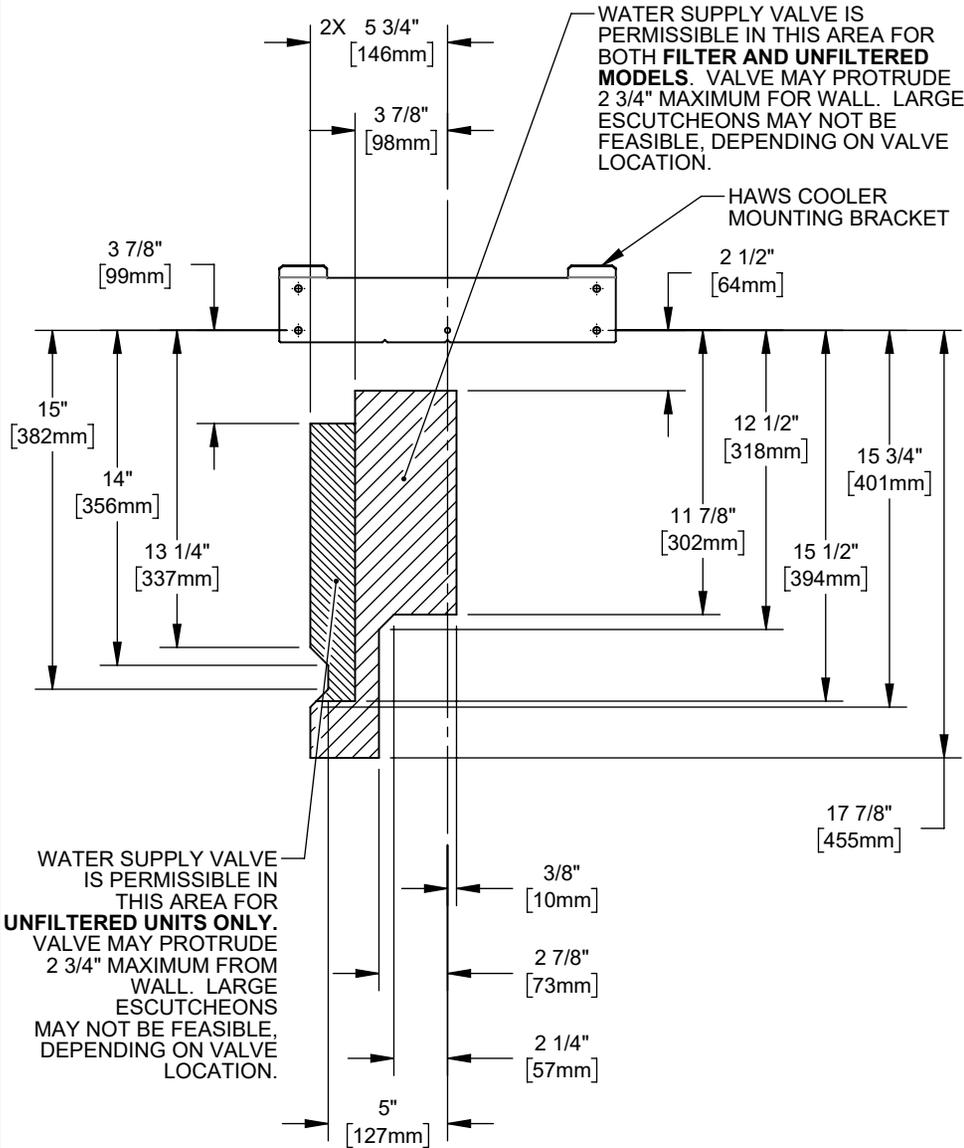
### 5 HIGHEST & LOWEST P-TRAP HEIGHTS



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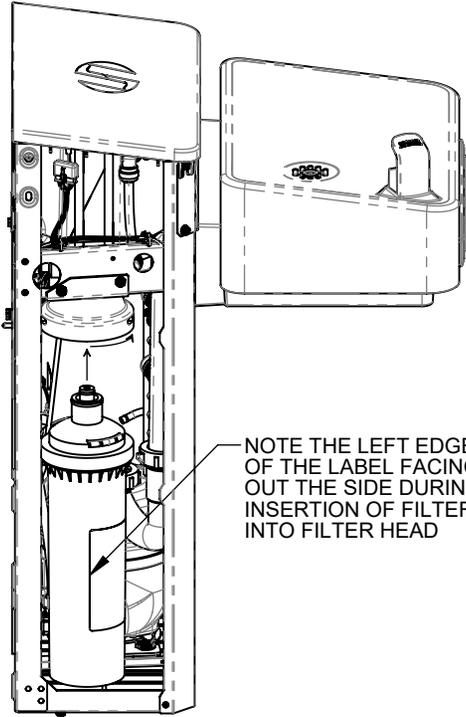
ECN: 5343	REV. ECN: 6104	BY: JU	MODEL(S): 12XX ELECTRIC WATER COOLERS	PART NUMBER: 0510000866.D
DRAWN: JL	DATE: 07/25/18	CHKD: DN		REVISION: 9
APPROVED: DHP	DATE: 10/01/24	SCALE: 1:8	DRAWING TYPE: INSTALLATION	SIZE: A SHEET 5 OF 7

# RETROFIT INSTALLATION DETAILS

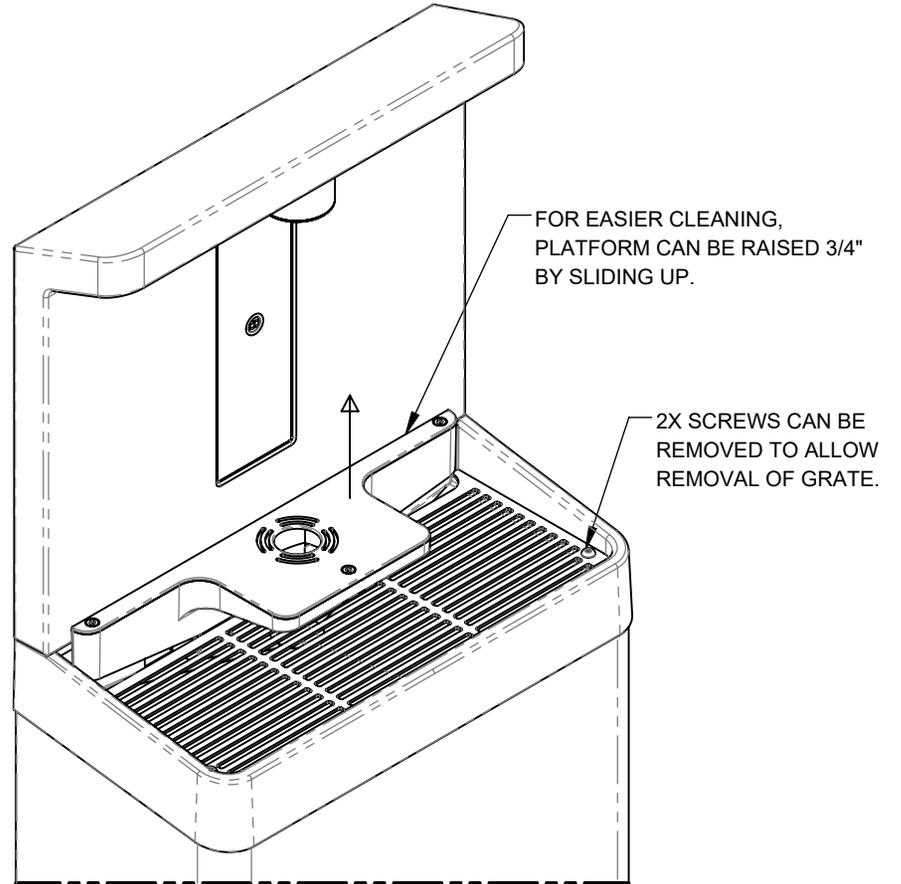


		1455 KLEPPE LANE SPARKS, NEVADA 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWSO.COM WEBSITE: WWW.HAWSO.COM	
		ECN: 5343    REV. ECN: 6104    BY: JU    MODEL(S)	PART NUMBER 0510000866.D
DRAWN: JL    DATE: 07/25/18    CHKD: DN	12XX ELECTRIC WATER COOLERS		REVISION 9
APPROVED: DHP    DATE: 10/01/24	SCALE: 1:8    DRAWING TYPE: INSTALLATION	SIZE: A	SHEET 6 OF 7

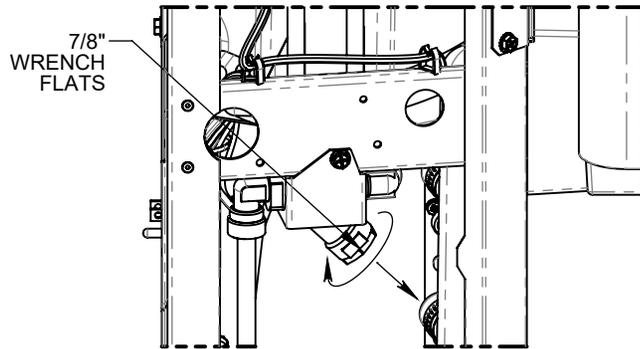
# MAINTENANCE



**FILTER REPLACEMENT**



**CLEANING DRAIN BASIN AREA**



**Y-STRAINER CLEANING**

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		ECN: 5343 DRAWN: JL APPROVED: DHP	REV. ECN: 6104 DATE: 07/25/18 DATE: 10/01/24
			PART NUMBER 0510000866.D REVISION 9
SCALE: 1:8		DRAWING TYPE: INSTALLATION	
SIZE: A		SHEET 7 OF 7	