

October 14, 2024

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### Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format. The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the drawings. Delete all “Specifier Notes” when editing this section.

### SECTION 22 47 14

Specifier Notes: This section covers the Elkay Pro Filtration Bottle Filling Stations. These products contain the Bottle Filler features to include touchless, sensor activation (bottle filler) designed for easy use; easy-to-operate push-bar activation (bubbler); hermetically sealed refrigeration system provides chilled water to satisfy thirst; Standing Height Filter Change Out provides easy access to filter from top of the bottle filling station for convenient and efficient filter change in under a minute; fill rate of 1.1 GPM; laminar flow provides clean fill with minimal splash; real drain system eliminates standing water; visual filter monitor with Three Blue Lights to One Red LED filter status indicator; FillSafe™ recognition automatically recognizes new filter and updates One Red LED light back to Three Blue; The Elkay Pro Filtration® 10,000-gallon filter is tested and certified to NSF 42 and 53 for lead, cysts, Class 1 particulates, chlorine taste and odor reduction; Optional When Specified: 2,500-gallon Total PFAS and Lead certified to NSF/ANSI 42, 53 and 401 for total PFAS, lead, cyst, particulate class 1, chlorine, taste and odor, and microplastics reduction; all compatible with the Elkay Pro Filtration System featuring Automatic Filter Flushing; Optional When Specified Integrated Elkay Pro Filtration® UV Protection Against Legionella and Bacteria Certified to NSF 55 for a 6-log reduction; Also included is the ability to attach to the plumbSMART™ Connected Package reducing total cost of ownership, tracks sustainability metrics with connected ezH2O bottle filling stations; filter status, gallons dispensed, solenoid activation count, bottle saved count, and schedule automatic line flushing events; Key water contact components are manufactured with silver ion antimicrobial agent helping to provide clean, stain- and odor-free surfaces; one-box packaging so the cooler and bottle filler ship together.

## PART 1 GENERAL

### 1.1 SECTION INCLUDES

Elkay Pro Filtration bottle filler cooler/combination with stainless steel finish, filter status display, Green Ticker® bottle count display, plumbSMART Connected Package ability, FillSafe™ automatic filter detection and verification, Elkay Pro Filtration Technology featuring Standing Height Filter Change Out, Elkay Pro Filtration® 10,000-gallon filter is tested and certified to NSF 42 and 53 for lead, cysts, Class 1 particulates, chlorine taste and odor reduction; All Metal Stainless Steel Alcove and Tower; Real Drain at bottle filler; flat bottle rest.

Optional When Specified: 2,500-gallon Total PFAS and Lead certified to NSF/ANSI 42, 53 and 401 for total PFAS, lead, cyst, particulate class 1, chlorine, taste and odor, and microplastics reduction;

Optional When Specified: Integrated Elkay Pro Filtration® UV Protection Against Legionella and Bacteria Certified to NSF 55 for a 6-log reduction;

### 1.2 RELATED SECTIONS

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 22 10 00 - Building Services Piping.
- B. Section 22 40 00 - Plumbing Fixtures and Equipment.

### 1.3 REFERENCES

- A. ADA & ICC A117.1 Accessibility Standards
- B. ASME A112.19.3/CSA B45.4 Stainless Steel Plumbing Fixtures
- C. CAN/CSA C22.2 No. 120 Refrigeration Equipment
- D. NSF/ANSI 42, 53 Drinking Water Treatment Units
- E. NSF/ANSI 401 Emerging Compounds/Incidental Contaminants
- F. NSF/ANSI 55 Ultraviolet Microbiological Water Treatment Systems
- G. NSF/ANSI 61 (Q≤1) Drinking Water System Components
- H. NSF/ANSI 372 (Lead Free) System Components
- I. FCC & ISED Radio Communication
- J. UL 399 Drinking Water Coolers

**1.4 SUBMITTALS**

- A. Comply with Section 01 33 00 - Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.

**1.5 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Do not store materials in direct sunlight.
- C. Handling: Protect materials and finish during handling and installation to prevent damage.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

Specifier Notes: Specify Elkay Manufacturing Company

- A. [Elkay Manufacturing Company, 1333 Butterfield Road, Suite 200, Downers Grove, IL 60515. (630) 574-8484] Website [www.elkay.com](http://www.elkay.com)

**2.2.1 MATERIALS**

- 1 Elkay Pro Filtration Bottle Filling Stations. These products contain the Bottle Filler features to include touchless, sensor activation (bottle filler) designed for easy use; easy-to-operate push-bar activation (bubbler); hermetically sealed refrigeration system provides chilled water to satisfy thirst; Standing Height Filter Change Out provides easy access to filter from top of the bottle filling station for convenient and efficient filter change in under a minute; fill rate of 1.1 GPM; laminar flow provides clean fill with minimal splash; real drain system eliminates standing water; visual filter monitor with Three Blue Lights to One Red LED filter status indicator; FillSafe™ recognition automatically recognizes new filter and updates One Red LED light back to Three Blue; the 10,000-gallon filter is tested and certified to NSF 42 and 53 for lead, cysts, Class 1 particulates, chlorine taste and odor reduction; the Optional When Specified: 2,500-gallon Total PFAS and Lead certified to NSF/ANSI 42, 53 and 401 for total PFAS, lead, cyst, particulate class 1, chlorine, taste and odor, and microplastics reduction; Optional Integrated Elkay Pro Filtration® UV Protection Against Legionella and

Bacteria Certified to NSF 55 for a 6-log reduction;  
 All compatible with the Elkay Pro Filtration System featuring Automatic Filter Flushing;  
 Also included is the ability to attach to the plumbSMART Connected Package reducing total cost of ownership, tracks sustainability metrics with connected ezH2O bottle filling stations; filter status, gallons dispensed, solenoid activation count, bottle saved count, and schedule automatic line flushing events; key water contact components are manufactured with silver ion antimicrobial agent helping to provide clean, stain- and odor-free surfaces; All Metal Stainless Steel Alcove and Tower; Real Drain at bottle filler; flat bottle rest.one-box packaging so the cooler and bottle filler ship together.

- 1 Elkay Pro Filtration with Standing Height Filter Change Out
- 2 Elkay Pro Filtration with NSF/ANSI 42 and 53, 10,000-gallon Filters
- 3 Elkay Pro Filtration with NSF/ANSI 42, 53, and 401, 2,500-gallon PFOA/PFOS (PFAS) + Lead + Microplastics Filters
- 4 Optional Integrated Elkay Pro Filtration® UV Protection Against Legionella and Bacteria Certified to NSF 55 for a 6-log reduction
- 5 Elkay plumbSMART Compatibility
- 6 Stainless steel bottle filler tower wrapper
- 7 Stainless Steel bottle filler alcove
- 8 IR bottle filler proximity sensor
- 9 Stainless steel bottle rest with integrated drain
- 10 Stainless steel basin with integral fastener-less drain
- 11 Safety bubbler with flexible mouth guard
- 12 Soft-touch ABS push bars
- 13 Copper tube supply connection

B. Unit Type

Specifier Notes: Single- or Bi-level unit must be specified.

- 1 LZS8WSBPRO - Elkay Pro Filtration® Bottle Filling Station and Single ADA Cooler Refrigerated Ultra Capacity Lead Reduction Standing Height Quick Filter Change. Recommended Carrier System: Plate Type System Water Coolers Zurn Model Z1225
- 2 Model LZSTL8WSBPRO - Elkay Pro Filtration® Bottle Filling Station and Bi-Level ADA Cooler Refrigerated Ultra Capacity Lead Reduction Standing Height Quick Filter Change. Recommended Carrier System: Plate Type System Water Coolers Zurn Model Z1225BL
- 3 Model LZS8WSBPRO-FSR5 Elkay Pro Filtration® Bottle Filling Station & Single ADA Cooler Refrigerated Ultra Capacity Lead Reduction with Sediment Prefilter Standing Height Quick Filter Change. Recommended Carrier System: Plate Type System Water Coolers Zurn Model Z1225
- 4 Model LZSTL8WSBPRO-FSR5 Elkay Pro Filtration® Bottle Filling Station and Bi-Level ADA Cooler Refrigerated Ultra Capacity Lead Reduction with Sediment

Prefilter Standing Height Quick Filter Change. Recommended Carrier System: Plate Type System Water Coolers Zurn Model Z1225BL

- 5 Model LZS8WSBPRO-UV Elkay Pro Filtration® Bottle Filling Station & Single ADA Cooler Refrigerated Ultra Capacity Lead Reduction with UV Standing Height Quick Filter Change. Recommended Carrier System: Plate Type System Water Coolers Zurn Model Z1225
- 6 Model LZSTL8WSBPRO-UV Elkay Pro Filtration® Bottle Filling Station and Bi-Level ADA Cooler Refrigerated Ultra Capacity Lead Reduction with UV Standing Height Quick Filter Change. Recommended Carrier System: Plate Type System Water Coolers Zurn Model Z1225BL

## **PART 3 EXECUTION**

### **3.1 EXAMINATION**

- A. Examine areas to receive Connected ezH2O® Enhanced Bottle Filling Stations. Notify Architect of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

### **3.2 INSTALLATION**

Specifier Notes: Refer to Elkay Pro Filtration Bottle Filling Stations instructions document for detailed installation instructions. Consult Elkay Manufacturing Company for additional information.

- A. Comply with all safety notices in manufacturer's Installation Instructions included with unit.
- B. Review supplied installation instructions and identified modifications that may be required to meet local codes.
- C. Follow instructions, including allowances for local codes, for proper installation.

### **3.3 PROTECTION**

- A. Protect installed Elkay Pro Filtration Bottle Filling Stations from damage during construction.

**END OF SECTION**