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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® Connected Bottle Filling Only Stations.

Wall Mount, ADA, Touchless, Sensor (bottle filler)

Midnight Black Finish (stainless steel, powder-coated, plastic, vinyl clad steel) or Stainless-Steel Finish (stainless steel, plastic) finish options available

Elkay Pro Filtration® Bottle Filling Stations provide real-time system monitoring, predictive filter maintenance, and sustainability metrics across an enterprise.

Standing height filter change out provides easy access to filters from top of unit for convenient and efficient filter changes in under a minute.

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.

Visual filter status meter indicates replacements; automatically recognizes new filter(s), flushes system, and resets filter status.

LCD user interface tracks bottle saved and ounces dispensed.

Hermetically sealed refrigeration system provides chilled water to satisfy thirst.

Fill rate of 1.0 GPM; laminar flow provides clean fill with minimal splashes; dedicated bottle filler drain system eliminates standing water.

One-box packaging; bottle filler and cooler ship together.

PART 1 GENERAL

1.1 SECTION INCLUDES

Elkay Pro Filtration® Connected Bottle Filling Only Stations feature a wall-mounted, touchless bottle filling station and a sleek Midnight Black finish.

Optional When Specified:

Sediment pre-filter for use as Stage 1 filtration with FLP4, FL6 or FL10.

4,000-gallon or 8,000-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;

10,000-gallon (standard) or 20,000-gallon Lead certified to NSF/ANSI 42, 53 and 401 for total PFAS, lead, cyst, particulate class 1, chlorine, taste and odor, and microplastics reduction;

Integrated UV Protection

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 61 (Q≤1) Drinking Water System Components
- G. NSF/ANSI 372 (Lead Free) System Components
- H. FCC & ISED Radio Communication
- I. UL 399 Drinking Water Cooler

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

2.2.1 MATERIALS**1 Elkay Pro Filtration® Connected Bottle Filling Stations and ADA Coolers:**

- 1 Standing height filter change
- 2 Secure cloud-based system
- 3 Stainless steel, powder-coated bottle filler tower wrapper
- 4 Stainless steel bottle filler alcove
- 5 Visual LCD display
- 6 Tempered glass display cover
- 7 IR bottle filler proximity sensor
- 8 Stainless steel bottle rest with integrated drain
- 9 Stainless steel grain cover with integral fastener-less drain
- 10 Aesthetic ABS color matching basin and shroud
- 11 Removable lower access panels for easy access to water and electrical

- 12 Copper tube supply connection
- 13 Supports versatile installations (requires VERSATILEBFKITPRO)

B. Unit Type

Specifier Notes: Single unit and finish color must be specified. Suffix option available.

- 1 Model **LZ8WSBPRO** – Single Station, black
 - 1. Elkay Pro Filtration® Connected Bottle Filling Station and Single ADA Cooler Refrigerated 10,000-gallon Ultra Capacity Lead Reduction Standing Height Filter Change. Midnight Black Finish. (FL10)
 - 2. (ADD SUFFIX) -**FLP4** (4,000-gallon Total PFAS and Lead Reduction) (FLP4)
 - 3. (ADD SUFFIX) -**2FLP4** (8,000-gallon Total PFAS and Lead Reduction) ((2) FLP4)
 - 4. (ADD SUFFIX) -**FSR5** (10,000-gallon Ultra Capacity Lead Reduction with Sediment Prefilter) (FL10 + FSR5)
 - 5. (ADD SUFFIX) -**UV** (10,000-gallon Ultra Capacity Lead Reduction with UV) (FL10)
 - 6. (ADD SUFFIX) -**2FL10** (20,000-gallon Lead Reduction) ((2) FL10)
- 2 Model **LZ8WSSPRO** – Single Station, stainless steel
 - 1. Elkay Pro Filtration® Connected Bottle Filling Station and Single ADA Cooler Refrigerated 10,000-gallon Ultra Capacity Lead Reduction Standing Height Filter Change. Midnight Black Finish. (FL10)
 - 2. (ADD SUFFIX) -**FLP4** (4,000-gallon Total PFAS and Lead Reduction) (FLP4)
 - 3. (ADD SUFFIX) -**2FLP4** (8,000-gallon Total PFAS and Lead Reduction) ((2) FLP4)
 - 4. (ADD SUFFIX) -**FSR5** (10,000-gallon Ultra Capacity Lead Reduction with Sediment Prefilter) (FL10 + FSR5)
 - 5. (ADD SUFFIX) -**UV** (10,000-gallon Ultra Capacity Lead Reduction with UV) (FL10)
 - 6. (ADD SUFFIX) -**2FL10** (20,000-gallon Lead Reduction) ((2) FL10)
- 3 Model (ACCESSORIES) – All
 - 1. Carrier System: Plate Type System Water Coolers
 - Single: Elkay MLP100 or Zurn Z1225
 - 2. Connected: ZGW-LORA-W1-LTE (required for secure connection)
 - 3. Installation Kit: VESATILEBFKITPRO (to move bottle filler to left side)

PART 3

EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive Connected Elkay Pro Filtration Bottle Filling Only 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