

## **SECTION 211119 FIRE DEPARTMENT CONNECTIONS**

### **PART 1 - GENERAL**

#### **1.1 SUMMARY**

**A. Section Includes:**

1. Exposed-type fire-department connections.
2. Free Standing-type fire-department connections.

#### **1.2 ACTION SUBMITTALS**

**A. Product Data:** For each type of product.

1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each fire-department connection.

### **PART 2 - PRODUCTS**

#### **2.1 EXPOSED-TYPE FIRE-DEPARTMENT CONNECTION**

**A. Manufacturers:** Subject to compliance with requirements, provide products by one of the following:

1. American Fire Hose & Cabinet.
2. Elkhart Brass Mfg. Co., Inc.
3. Fire-End & Croker Corporation.
4. Guardian Fire Equipment, Inc.
5. Or approved equal

**B. Standard:** UL 405.

**C. Type:** Exposed, projecting, for wall mounting.

**D. Pressure Rating:** 175 psig minimum.

**E. Body Material:** Corrosion-resistant metal.

**F. Inlets:** Brass with threads according to NFPA 1963 and matching local fire-department sizes and threads. Include extension pipe nipples, brass lugged swivel connections, and check devices or clappers.

**G. Caps:** Brass, lugged type, with gasket and chain.

- H. Escutcheon Plate: Round, brass, wall type.
- I. Outlet: Back, with pipe threads.
- J. Number of Inlets: Two.
- K. Escutcheon Plate Marking: Similar to "AUTO SPKR & STANDPIPE."
- L. Finish: Polished chrome plated.
- M. Outlet Size: NPS 4.

## 2.2 FREE STANDING TYPE FIRE-DEPARTMENT CONNECTION

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - 1. American Fire Hose & Cabinet.
  - 2. Elkhart Brass Mfg. Co., Inc.
  - 3. Fire-End & Croker Corporation.
  - 4. Guardian Fire Equipment, Inc.
  - 5. Or approved equal
- B. Standard: UL 405.
- C. Type: Two-way free standing type.
- D. Pressure Rating: 175 psig minimum.
- E. Body Material: Corrosion-resistant metal.
- F. Inlets: Brass with threads according to NFPA 1963 and matching local fire-department sizes and threads. Include extension pipe nipples, brass lugged swivel connections, and check devices or clappers.
- G. Caps: Brass, lugged type, with gasket and chain.
- H. Escutcheon Plate: Round, brass, sidewalk type.
- I. Outlet: Bottom, with pipe threads.
- J. Number of Inlets: Two.
- K. Escutcheon Plate Marking: Similar to "AUTO SPKR & STANDPIPE."
- L. Finish: Polished chrome plated.
- M. Outlet Size: NPS 4.

**PART 3 - EXECUTION**

**3.1 INSTALLATION**

- A. Install wall-type fire-department connections.
- B. Install free standing-type fire-department connections.
- C. Install automatic (ball-drip) drain valve at each check valve for fire-department connection.

**END OF SECTION 211119**