The Strike First Corporation of America

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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, including *MasterFormat, SectionFormat,* and *PageFormat,* contained in the CSI *Manual of Practice.*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. |
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 **SECTION 10 44 13**

 **FIRE EXTINGUISHER CABINETS AND VALVE CABINETS**

| Specifier Notes: This section covers The Strike First Corporation fire extinguisher cabinets and valve cabinets. Consult Strike First for assistance in editing this section for the specific application. |
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**PART 1 GENERAL**

* 1. **SUMMARY**

 **A. Section Includes**

| Specifier Notes: Edit the following list as required for the project. |
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A. Fire-rated fire extinguisher cabinets.

B. Fire-rated valve cabinets.

C. Fire-rated valve and fire extinguisher cabinets.

D. Non-rated fire extinguisher cabinets.

E. Non-rated valve cabinets.

F. Non-rated valve and fire extinguisher cabinets.

G. Heavy-duty outdoor fire extinguisher cabinets.

 **B. 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.Coordinate this section with Section 07 84 00 - Firestopping if specifying Safeguard Series fire-rated valve cabinets or fire-rated valve and fire extinguisher cabinets. |
| --- |

A. Section 07 84 00 - Firestopping.

B. Section 21 07 00 - Fire Suppression.

C. Section 21 12 00 - Standpipes and Hoses.

D. Section 21 12 19 Fire hose cabinets.

**1.3 REFERENCES**

| Specifier Notes: List standards referenced in this section, complete with designations and titles. This article does not require compliance with standards, but is merely a listing of those used. |
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A. ASTM A 366 - Commercial Steel (CS) Sheet, Carbon (0.15 Maximum Percent) Cold-Rolled.

**1.4 SUBMITTALS**

A. Comply with Section 01 33 00 - Submittal Procedures.

B. Product Data: Submit manufacturer's product data, including installation instructions.

| Specifier Notes: Use the following sentence when specifying Safeguard Series fire-rated cabinets. |
| --- |

C. Test Reports: Submit test reports from Warnock Hersey for fire-rated cabinets.

**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 indoors in a clean, dry area in accordance with manufacturer's instructions.

C. Handling: Protect materials and finish from damage during handling and installation.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

1. The Williams Brothers Corporation, 777 Tapscott Road, Scarborough, Ontario, Canada M1X 1A2. Exclusively distributed by The Williams Bros Corporation of America. Toll Free (800) 255-5515. Toll Free Fax (800) 822-5001. Phone (540) 636-4444. Fax (540) 636-4455. Web Site [www.wbdoors.com](http://www.wbdoors.com).

| Specifier Notes: Consult Williams Brothers for assistance in determining cabinets required for the specific application. Delete cabinets not required. |
| --- |

**2.2 FIRE-RATED CABINETS**

A. Fire-Rated Fire Extinguisher Cabinets: Safeguard Series Fire-Rated Fire Extinguisher Cabinets.

1. Warnock Hersey Listed: Test report WHI-495-1534 for up to 2-hour vertical fire-rated assembly.

2. Conformance: ADA requirements.

| Specifier Notes: Specify cabinet size, cabinet type, and door style. |
| --- |

3. Cabinet Size: [8 inches x 17 inches x 5 inches, Semi-Recessed, Fully Recessed] [9.5 inches x 24 inches x 6 inches, Semi-Recessed, Fully Recessed] [12 inches x 27 inches x 8 inches, Semi-Recessed, Fully Recessed].

4. Cabinet Type: [Semi-recessed] [Fully recessed] [Square Corners].

 Cabinet Type: [Semi-recessed] [Radius Corners].

5. Door Style: [Full metal] [Full glass] [Vertical duo] [Horizontal duo].

| Specifier Notes: Specify door glazing. Double strength glass is standard. Delete door glazing if full metal door style is specified. |
| --- |

6. Door Glazing: [Double strength glass] [Clear wire glass] [Tempered safety glass] [1/8-inch acrylic] [1/4-inch acrylic].

| Specifier Notes: Specify **one of the following three** material choices. Door panel, front, and interior tub of cold-rolled steel with baked white enamel over rust-inhibiting phosphate-treated steel is standard. |
| --- |

7. Materials:

a. Door Panel and Front: 16 gauge cold-rolled steel, ASTM A 366.

b. Interior Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8-inch Type X UL gypsum board.

d. Finish of Door Panel, Front, and Interior Tub: Baked white enamel over rust-inhibiting phosphate-treated steel.

7. Materials:

a. Door Panel and Front: Type 304 stainless steel.

b. Interior Tub: Type 304 stainless steel.

c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8-inch Type X UL gypsum board.

d. Finish of Door Panel, Front, and Interior Tub: No. 4 satin.

7. Materials:

a. Door Panel and Front: Type 304 stainless steel.

b. Interior Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8-inch Type X UL gypsum board.

d. Finish of Door Panel and Front: No. 4 satin.

e. Finish of Interior Tub: Baked white enamel over rust-inhibiting phosphate-treated steel.

8. Hardware:

a. Hinge: Full-length piano.

b. Catch: Roller ball.

| Specifier Notes: Specify optional handicap pull handle if required. |
| --- |

c. Pull Handle: 4-inch, solid brass, polished chrome-plated. [Handicap, 1-inch turnback.]

| Specifier Notes: Specify optional lock if required. |
| --- |

d. Lock: Safety break lock, key code 151, keyed alike.

| Specifier Notes: Specify style and color if optional decal lettering is required. |
| --- |

9. Decal Lettering:

a. Style: [Vertical] [Horizontal] [Ascending vertical].

b. Color: [Red] [Black].

B. Fire-Rated Bubble Canopy Fire Extinguisher Cabinets: Safeguard Series Fire-Rated Bubble Canopy Fire Extinguisher Cabinets.

1. Warnock Hersey Listed: Test report WHI-495-1534 for up to 2-hour vertical fire-rated assembly.

2. Conformance: ADA requirements.

3. Cabinet Size: [10.5 inches x 24 inches x 4.5 inches, Semi-Recessed] [14.5 inches x 30 inches x 4 inches, Semi-Recessed] [10.5 inches x 24 inches x 4.5 inches, Fully-Recessed].

4. Cabinet Type: [Semi-recessed] [Fully-Recessed].

5. Door Style: Plastic canopy.

6. Door Glazing: Acrylic.

| Specifier Notes: Specify **one of the following three** material choices. Door panel, front, and interior tub of cold-rolled steel with baked white enamel over rust-inhibiting phosphate-treated steel is standard. |
| --- |

7. Materials:

a. Door Panel and Front: 16 gauge cold-rolled steel, ASTM A 366.

b. Interior Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8-inch Type X UL gypsum board.

d. Finish of Door Panel, Front, and Interior Tub: Baked white enamel over rust-inhibiting phosphate-treated steel.

7. Materials:

a. Door Panel and Front: Type 304 stainless steel.

b. Interior Tub: Type 304 stainless steel.

c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8-inch Type X UL gypsum board.

d. Finish of Door Panel, Front, and Interior Tub: No. 4 satin.

7. Materials:

a. Door Panel and Front: Type 304 stainless steel.

b. Interior Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8-inch Type X UL gypsum board.

d. Finish of Door Panel and Front: No. 4 satin.

e. Finish of Interior Tub: Baked white enamel over rust-inhibiting phosphate-treated steel.

8. Hardware:

a. Hinge: Full-length piano.

b. Catch: Roller ball.

| Specifier Notes: Specify optional handicap pull handle if required. |
| --- |

c. Pull Handle: 4-inch, solid brass, polished chrome-plated. [Handicap, 1-inch turnback.]

| Specifier Notes: Specify optional lock if required. |
| --- |

d. Lock: Safety break lock, key code 151, keyed alike.

| Specifier Notes: Specify style and color if optional decal lettering is required. |
| --- |

9. Decal Lettering:

a. Style: [Vertical] [Horizontal] [Ascending vertical].

b. Color: [Red] [Black].

C. Fire-Rated Valve Cabinets: Sonoma Safeguard Series Fire-Rated Valve Cabinets.

1. Warnock Hersey Listed: Test report WHI-495-1534 for up to 2-hour vertical fire-rated assembly.

2. Conformance: ADA requirements.

3. Cabinet Size: 18 inches x 18 inches x 8 inches.

4. Cabinet Type: Fully recessed.

| Specifier Notes: Specify door style. |
| --- |

5. Door Style: [Full metal] [Full glass].

| Specifier Notes: Specify door glazing. Double strength glass is standard. Delete door glazing if full metal door style is specified. |
| --- |

6. Door Glazing: [Double strength glass] [Clear wire glass] [Tempered safety glass] [1/8-inch acrylic] [1/4-inch acrylic].

| Specifier Notes: Specify **one of the following three** material choices. Door panel, front, and interior tub of cold-rolled steel with baked red enamel over rust-inhibiting phosphate-treated steel is standard. |
| --- |

7. Materials:

a. Door Panel and Front: 16 gauge cold-rolled steel, ASTM A 366.

b. Interior Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8-inch Type X UL gypsum board.

d. Finish of Door Panel, Front, and Interior Tub: Baked red enamel over rust-inhibiting phosphate-treated steel.

7. Materials:

a. Door Panel and Front: Type 304 stainless steel.

b. Interior Tub: Type 304 stainless steel.

c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8-inch Type X UL gypsum board.

d. Finish of Door Panel, Front, and Interior Tub: No. 4 satin.

7. Materials:

a. Door Panel and Front: Type 304 stainless steel.

b. Interior Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8-inch Type X UL gypsum board.

d. Finish of Door Panel and Front: No. 4 satin.

e. Finish of Interior Tub: Baked red enamel over rust-inhibiting phosphate-treated steel.

8. Hardware:

a. Hinge: Full-length piano.

b. Catch: Roller ball.

| Specifier Notes: Specify optional handicap pull handle if required. |
| --- |

c. Pull Handle: 4-inch, solid brass, polished chrome-plated. [Handicap, 1-inch turnback.]

| Specifier Notes: Specify optional lock if required. |
| --- |

d. Lock: Safety break lock, key code 151, keyed alike.

9. Dimensions to Center of Knockout: 9 inches from bottom of cabinet, 3-1/2 inches from back of cabinet, and 4-1/2 inches from front of cabinet.

| Specifier Notes: Specify style and color if optional decal lettering is required. |
| --- |

10. Decal Lettering:

a. Style: [Vertical] [Horizontal] [Ascending vertical].

b. Color: [White] [Black].

D. Fire-Rated Valve and Fire Extinguisher Cabinets: Safeguard Series Fire-Rated Valve and Fire Extinguisher Cabinets.

1. Warnock Hersey Listed: Test report WHI-495-1534 for up to 2-hour vertical fire-rated assembly.

2. Conformance: ADA requirements.

3. Cabinet Size: 14 inches x 42 inches x 8 inches.

4. Cabinet Type: Fully recessed.

| Specifier Notes: Specify door style. |
| --- |

5. Door Style: [Full metal] [Full glass] [Vertical duo] [Horizontal duo].

| Specifier Notes: Specify door glazing. Double strength glass is standard. Delete door glazing if full metal door style is specified. |
| --- |

6. Door Glazing: [Double strength glass] [Clear wire glass] [Tempered safety glass] [1/8-inch acrylic] [1/4-inch acrylic].

| Specifier Notes: Specify **one of the following three** material choices. Door panel, front, and interior tub of cold-rolled steel with baked white enamel over rust-inhibiting phosphate-treated steel is standard. |
| --- |

7. Materials:

a. Door Panel and Front: 16 gauge cold-rolled steel, ASTM A 366.

b. Interior Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8-inch Type X UL gypsum board.

d. Finish of Door Panel, Front, and Interior Tub: Baked white enamel over rust-inhibiting phosphate-treated steel.

7. Materials:

a. Door Panel and Front: Type 304 stainless steel.

b. Interior Tub: Type 304 stainless steel.

c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8-inch Type X UL gypsum board.

d. Finish of Door Panel, Front, and Interior Tub: No. 4 satin.

7. Materials:

a. Door Panel and Front: Type 304 stainless steel.

b. Interior Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8-inch Type X UL gypsum board.

d. Finish of Door Panel and Front: No. 4 satin.

e. Finish of Interior Tub: Baked white enamel over rust-inhibiting phosphate-treated steel.

8. Hardware:

a. Hinge: Full-length piano.

b. Catch: Roller ball.

| Specifier Notes: Specify optional handicap pull handle if required. |
| --- |

c. Pull Handle: 4-inch, solid brass, polished chrome-plated. [Handicap, 1-inch turnback.]

| Specifier Notes: Specify optional lock if required. |
| --- |

d. Lock: Safety break lock, key code 151, keyed alike.

9. Dimensions to Center of Knockout: 7 inches from bottom of cabinet, 3-1/2 inches from back of cabinet, and 4-1/2 inches from front of cabinet.

| Specifier Notes: Specify style and color if optional decal lettering is required. |
| --- |

10. Decal Lettering:

a. Style: [Vertical] [Horizontal] [Ascending vertical].

b. Color: [Red] [Black].

E. Fire-Rated Extinguisher Cabinets: Sonoma Series Fire-Rated Fire Extinguisher Cabinets.

 1. Warnock Hersey Listed: Test report WHI-495-1534 for up to 2-hour vertical fire-rated assembly.

 2. Conformance: ADA requirements.

Specifier Notes: Specify cabinet size, cabinet type and door style.

 3. Cabinet Size: [8 inches x 17 inches x 5 inches] [9.5 inches x 24 inches x 6 inches] [12 inches x 27 inches x 8 inches].

 4. Cabinet Type: [Fully Recessed].

 5. Door Style: [Full Metal] [Vertical Duo].

Specifier Notes: Specify door glazing. Double strength glass is standard. Delete door glazing if full metal door style is specified.

 6. Door Glazing: [Double strength glass].

Specifier Notes: Specify one of the following two material choices. Door panel, front, and interior tub of cold-rolled steel with baked white enamel over rust-inhibiting phosphate-treated steel is standard.

 7. Materials:

 a. Door Panel and Front: 18 gauge cold-rolled steel.

 b. Interior Tub: 18 gauge cold-rolled steel.

 c. Exterior Tub: 22 gauge satin coated galvanized steel completely lines with 5/8-inch Type X UL gypsum board.

 d. Finish of Door Panel, Front, and Interior Tub: Baked white enamel over rust-inhibiting phosphate-treated steel.

 7. Materials

 a. Door Panel and Front: Type 304 stainless steel.

 b. Interior Tub: Type 304 stainless steel.

 c. Exterior Tub: 22 gauge satin coated galvanized steel completely lined with 5/8 inch Type X UL gypsum board.

 d. Finish of Door Panel, Front, and Interior Tub: No. 4 satin.

**2.3 NON-RATED CABINETS**

A. Non-Rated Fire Extinguisher Cabinets: Apex Series Non-Rated Fire Extinguisher Cabinets.

1. Conformance: ADA requirements.

| Specifier Notes: Specify cabinet size, cabinet type, and door style. |
| --- |

2. Cabinet Size: [8 inches x 17 inches x 5 inches] [9.5 inches x 24 inches x 6 inches] [12 inches x 27 inches x 8 inches].

3. Cabinet Type: [Surface mounted] [Semi-recessed] [Fully recessed] [Square Corners]

 Cabinet Type: [Semi-recessed] [Radius Corners]

4. Door Style: [Full metal] [Full glass] [Vertical duo] [Horizontal duo].

5. Cabinet Corners [Square Corners] [Radius Corners]

| Specifier Notes: Specify door glazing. Double strength glass is standard. Delete door glazing if full metal door style is specified. |
| --- |

5. Door Glazing: [Double strength glass] [Clear wire glass] [Tempered safety glass] [1/8-inch acrylic] [1/4-inch acrylic].

| Specifier Notes: Specify **one of the following three** material choices. Door panel, front, and tub of cold-rolled steel with baked white enamel over rust-inhibiting phosphate-treated steel is standard. |
| --- |

6. Materials:

a. Door Panel and Front: 16 gauge cold-rolled steel, ASTM A 366.

b. Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Finish: Baked white enamel over rust-inhibiting phosphate-treated steel.

6. Materials:

a. Door Panel and Front: 16 gauge Type 304 stainless steel.

b. Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Finish: Stainless steel, No. 4 satin. Cold-rolled steel, baked white enamel over rust-inhibiting phosphate-treated steel.

6. Materials:

a. Door Panel and Front: 16 gauge Type 304 stainless steel.

b. Tub: 22 gauge Type 304 stainless steel.

c. Finish: No. 4 satin.

7. Hardware:

a. Hinge: Full-length piano.

b. Catch: Roller ball.

| Specifier Notes: Specify optional handicap pull handle if required. |
| --- |

c. Pull Handle: 4-inch, solid brass, polished chrome-plated. [Handicap, 1-inch turnback.]

| Specifier Notes: Specify optional lock if required. |
| --- |

d. Lock: Safety break lock, key code 151, keyed alike.

| Specifier Notes: Specify style and color if optional decal lettering is required. |
| --- |

8. Decal Lettering:

a. Style: [Vertical] [Horizontal] [Ascending vertical].

b. Color: [Red] [Black].

B. Non-Rated Bubble Canopy Fire Extinguisher Cabinets: Apex Series Non-Rated Bubble Canopy Fire Extinguisher Cabinets.

1. Conformance: ADA requirements.

2. Cabinet Size: [10.5 inches x 24 inches x 4.5 inches, Surface Mounted] [10.5 inches x 24 inches x 4.5 inches, Semi-Recessed] [14.5 inches x 30 inches x 4 inches, Semi-Recessed] [10.5 inches x 24 inches x 4.5 inches Fully-Recessed].

3. Cabinet Type: [Surface] [Semi-recessed] [Fully Recessed].

4. Door Style: Plastic canopy.

5. Door Glazing: Acrylic.

| Specifier Notes: Specify **one of the following three** material choices. Door panel, front, and tub of cold-rolled steel with baked white enamel over rust-inhibiting phosphate-treated steel is standard. |
| --- |

6. Materials:

a. Door Panel and Front: 16 gauge cold-rolled steel, ASTM A 366.

b. Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Finish: Baked white enamel over rust-inhibiting phosphate-treated steel.

6. Materials:

a. Door Panel and Front: 16 gauge Type 304 stainless steel.

b. Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Finish: Stainless steel, No. 4 satin. Cold-rolled steel, baked white enamel over rust-inhibiting phosphate-treated steel.

6. Materials:

a. Door Panel and Front: 16 gauge Type 304 stainless steel.

b. Tub: 22 gauge Type 304 stainless steel.

c. Finish: No. 4 satin.

7. Hardware:

a. Hinge: Full-length piano.

b. Catch: Roller ball.

| Specifier Notes: Specify optional handicap pull handle if required. |
| --- |

c. Pull Handle: 4-inch, solid brass, polished chrome-plated. [Handicap, 1-inch turnback.]

| Specifier Notes: Specify optional lock if required. |
| --- |

d. Lock: Safety break lock, key code 151, keyed alike.

| Specifier Notes: Specify style and color if optional decal lettering is required. |
| --- |

8. Decal Lettering:

a. Style: [Vertical] [Horizontal] [Ascending vertical].

b. Color: [Red] [Black].

C. Non-Rated Valve Cabinets: Apex Series Non-Rated Valve Cabinets.

1. Conformance: ADA requirements.

2. Cabinet Size: 18 inches x 18 inches x 8 inches.

| Specifier Notes: Specify cabinet type and door style. |
| --- |

3. Cabinet Type: [Surface mounted] [Fully recessed].

4. Door Style: [Full metal] [Full glass].

| Specifier Notes: Specify door glazing. Double strength glass is standard. Delete door glazing if full metal door style is specified. |
| --- |

5. Door Glazing: [Double strength glass] [Clear wire glass] [Tempered safety glass] [1/8-inch acrylic] [1/4-inch acrylic].

| Specifier Notes: Specify **one of the following three** material choices. Door panel, front, and tub of cold-rolled steel with baked red enamel over rust-inhibiting phosphate-treated steel is standard. |
| --- |

6. Materials:

a. Door Panel and Front: 16 gauge cold-rolled steel, ASTM A 366.

b. Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Finish: Baked red enamel over rust-inhibiting phosphate-treated steel.

6. Materials:

a. Door Panel and Front: 16 gauge Type 304 stainless steel.

b. Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Finish: Stainless steel, No. 4 satin. Cold-rolled steel, baked red enamel over rust-inhibiting phosphate-treated steel.

6. Materials:

a. Door Panel and Front: 16 gauge Type 304 stainless steel.

b. Tub: 22 gauge Type 304 stainless steel.

c. Finish: No. 4 satin.

7. Hardware:

a. Hinge: Full-length piano.

b. Catch: Roller ball.

| Specifier Notes: Specify optional handicap pull handle if required. |
| --- |

c. Pull Handle: 4-inch, solid brass, polished chrome-plated. [Handicap, 1-inch turnback.]

| Specifier Notes: Specify optional lock if required. |
| --- |

d. Lock: Safety break lock, key code 151, keyed alike.

8. Dimensions to Center of Knockout: 9 inches from bottom of cabinet, 3-1/2 inches from back of cabinet, and 4-1/2 inches from front of cabinet.

| Specifier Notes: Specify style and color if optional decal lettering is required. |
| --- |

9. Decal Lettering:

a. Style: [Vertical] [Horizontal] [Ascending vertical].

b. Color: [White] [Black].

D. Non-Rated Valve and Fire Extinguisher Cabinets: Apex Series Non-Rated Valve and Fire Extinguisher Cabinets.

1. Conformance: ADA requirements.

2. Cabinet Size: 14 inches x 42 inches x 8 inches.

| Specifier Notes: Specify cabinet type and door style. |
| --- |

3. Cabinet Type: [Surface mounted] [Fully recessed].

4. Door Style: [Full metal] [Full glass] [Vertical duo] [Horizontal duo].

| Specifier Notes: Specify door glazing. Double strength glass is standard. Delete door glazing if full metal door style is specified. |
| --- |

5. Door Glazing: [Double strength glass] [Clear wire glass] [Tempered safety glass] [1/8-inch acrylic] [1/4-inch acrylic].

| Specifier Notes: Specify **one of the following three** material choices. Door panel, front, and tub of cold-rolled steel with baked white enamel over rust-inhibiting phosphate-treated steel is standard. |
| --- |

6. Materials:

a. Door Panel and Front: 16 gauge cold-rolled steel, ASTM A 366.

b. Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Finish: Baked white enamel over rust-inhibiting phosphate-treated steel.

6. Materials:

a. Door Panel and Front: 16 gauge Type 304 stainless steel.

b. Tub: 22 gauge cold-rolled steel, ASTM A 366.

c. Finish: Stainless steel, No. 4 satin. Cold-rolled steel, baked white enamel over rust-inhibiting phosphate-treated steel.

6. Materials:

a. Door Panel and Front: 16 gauge Type 304 stainless steel.

b. Tub: 22 gauge Type 304 stainless steel.

c. Finish: No. 4 satin.

7. Hardware:

a. Hinge: Full-length piano.

b. Catch: Roller ball.

| Specifier Notes: Specify optional handicap pull handle if required. |
| --- |

c. Pull Handle: 4-inch, solid brass, polished chrome-plated. [Handicap, 1-inch turnback.]

| Specifier Notes: Specify optional lock if required. |
| --- |

d. Lock: Safety break lock, key code 151, keyed alike.

8. Dimensions to Center of Knockout: 7 inches from bottom of cabinet, 3-1/2 inches from back of cabinet, and 4-1/2 inches from front of cabinet.

| Specifier Notes: Specify style and color if optional decal lettering is required. |
| --- |

9. Decal Lettering:

a. Style: [Vertical] [Horizontal] [Ascending vertical].

b. Color: [Red] [Black].

E. Non-Rated Fire Extinguisher Cabinets: Classic Series Non-Rated Fire Extinguisher Cabinets.

 1. Conformance: ADA requirements.

Specifier Notes: Specify cabinet size and cabinet type.

 2. Cabinet Size: [8 5/8 inches x 20 ½ inches x 6 1/2 inches] [9 inches x 18 inches x 6 inches] [10 ½ inches x 24 1/4 inches x 6 ½ inches] [14 1/8 inches x 30 1/8 inches x 9 1/16 inches].

 3. Cabinet Type: [Surface mounted] [Semi-recessed].

 4. Materials:

 a. Tub: 22 gauge cold-rolled steel, ASTM A 366.

 b. Finish: Baked White enamel over rust-inhibiting phosphate-treated steel.

 5. Lock: Safety break lock, key code 151, keyed alike.

 6. Acrylic: Acrylic viewing panels included.

 7. Breaker Bar.

 8. “Break Glass” decal.

F. Non-Rated Fire Extinguisher Cabinets: Plastic Cabinets

Specifier Notes: Specify cabinet size

 1. Cabinet Size: [6 inches x 19 inches x 6 3/8 inches] [9 inches x 23 inches x 7 inches] [11 inches x 26 inches x 9 inches].

 2. Materials:

 a. Body and Frame: Injection molded virgin high-impact crystal polystyrene

 3. Acrylic: Virgin acrylic Plastikolite panel.

 4. Lock: Chromium Plated brass safety lock. Key with weather proof protective lock cover.

 5. Stryker Hammer: Polypropylene plastic injected molded hammer with flexible torsion, ribbed grip surface.

 6. Cable: Clear, nylon-jacketed stainless steel mechanical cable.

Specifier Notes: Specify color

 7. Color: Red or white.

**2.4 OUTDOOR CABINETS**

A. Outdoor Fire Extinguisher Cabinets: Heavy-Duty Outdoor Fire Extinguisher Cabinets.

1. Cabinet Size: [12 inches x 24 inches x 8 inches] [14 inches x 28 inches x 9 inches].

2. Cabinet Type: Surface mounted.

3. Door Style: Full metal.

4. Materials:

a. Door Panel: 16 gauge galvanized steel.

b. Tub: 16 gauge galvanized steel.

c. Finish: Baked red enamel over rust-inhibiting phosphate-treated galvanized steel.

5. Fabrication: All welded.

6. Gasket: Weatherproof gasket around door jam.

7. Roof: Sloped.

8. Hardware:

a. Hinge: Full-length stainless steel piano.

b. Hasp: Padlock.

9. Decal: Extinguisher logo, white.

1. Outdoor Cabinets: Weatherproof Hose Storage Outdoor Cabinets
	1. Cabinet Size: [48 inches front height] [46 inches rear height] x 57 inches wide x 15 inches deep.

Specifier Notes: Specify Free Standing without legs, Wall Mounted (with rear lugs top & bottom), Concrete Base Mounted (with grouting lugs at bottom), or Support Mounted (legs packed separately)

* 1. Cabinet Type: [Free Standing] [Wall Mounted] [Concrete Base Mounted] [Support Mounted].
	2. Door Style: Full Metal.
	3. Materials:
1. Door Panel: 16 gauge galvanized steel.
2. Tub: 16 gauge galvanized steel.
3. Finish: Baked red enamel (two coats) over rust-inhibiting phosphate-treated galvanized steel.

Specifier Notes: Specify Louvers on each end under bottom shelf

* 1. Fabrication:
		+ 1. All welded.
			2. Rain trough over doors.
			3. Door reinforcement at front, top and bottom
			4. Doors overlap tub at hinge side
	2. Roof: Sloped 2 inches

Specifier Notes: Specifiy additional shelves if required.

* 1. Shelves: 13 inches wide with 3.4 inch lip
	2. Hardware:
		+ 1. Full length stainless steel piano hinge on both doors.
			2. Chrome plated handle with 2 point catch.
			3. Door lock (Right hand door only).

 9. Decal: “Fire Hose” - optional

**PART 3 EXECUTION**

**3.1 EXAMINATION**

A. Examine areas to receive cabinets. Notify Architect if areas are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

**3.2 PREPARATION**

A. Prepare rough openings using metal studs or double wood studs on all 4 sides of cabinet tub to be 1/4 inch larger than outside dimension of tub.

B. Ensure load bearing header be reinstalled if load bearing stud is cut to install cabinet.

**3.3 INSTALLATION**

A. Install cabinets in accordance with manufacturer's instructions at locations indicated on the drawings.

B. Install cabinets plumb, level, square, rigid, without warp or rack.

C. Secure cabinets to metal or wood studs using screws supplied by manufacturer.

D. Use manufacturer's supplied hardware.

| Specifier Notes: Use the following sentence if specifying Safeguard Series fire-rated valve cabinets or fire-rated valve and fire extinguisher cabinets. |
| --- |

E. Caulk pipe at cabinet tub using latex-based fire barrier product with a minimum of 2-hour rating in accordance with Section 07840, after cabinets are secured.

**3.4 ADJUSTING**

A. Adjust doors and catches for smooth operation without binding.

| Specifier Notes: Use the following sentence if optional locks are specified. |
| --- |

B. Inspect and adjust locks to operate properly.

C. Touch-up marred finishes with manufacturer supplied paint.

D. Replace defective or damaged doors, glazing, or other components as directed by Architect.

**3.5 CLEANING**

A. Clean cabinets in accordance with manufacturer's instructions.

B. Do not use harsh cleaning materials or methods that would damage glazing or finish.

**3.6 PROTECTION**

A. Protect cabinets and finish from damage during construction.

 **END OF SECTION**