

TRASH CHUTE

PART 1 – GENERAL

1.1 SUBMITTALS

- A. Catalog Cuts: Before the trash chute is delivered to the job site, submit catalog cuts to the Architect in accordance with these specifications, showing all details of installation and assembly and all requirements for work by other trades.
- B. Product Data: Manufacturer's product specifications, standard details and recommendations for project conditions; indicate selected sizes and installation details specific to the project.
- C. Shop Drawings:
 - 1. Plans: Scale ¼ inch to 1 foot; indicate locations, dimensions, and required associated construction activities.
 - 2. Elevations / Sections: Scale ¼ inch to 1 foot; indicate locations, dimensions, and required associated required construction activities.
 - 3. Details: Scale ¼ inch to 1 foot; indicate:
 - a. Shop drawings specific to project conditions.
 - b. Interface with adjacent construction.
 - c. Dimensions and tolerances.
 - d. Products required for installation of the trash chute, but not supplied by trash chute manufacturer.
- D. Close-out Submittals:
 - 1. Operation and Maintenance Data:
 - a. Manufacturer's printed Operational Manual.
 - 2. Warranty Documents: Issued and executed by the manufacturer and installer of the system.

1.2 QUALITY ASSURANCE

- A. Qualifications:
 - 1. Manufacturer: Minimum five (5) years documented experience-producing products specified in this section.

2. Installer: Approved by the Manufacturer, and having a minimum of five (5) years experience.

1.3 WARRANTY

- A. Manufacturer's warranty: Furnish manufacturer's standard one (1) year warranty from date of installation. Warranty shall apply to defects in product workmanship and material only.

PART 2 – PRODUCTS

2.1 PRODUCTS:

- A. Acceptable manufacturer: **CHUTES International Manufacturing**, 4400 Austin Lane, White Plains, Maryland 20695; Telephone: (800) 882-4883; FAX (301) 753-4109.
- B. Components:
 1. The chute shall be 24" diameter of U.S. # 16 gauge Aluminized steel as manufactured by CHUTES International Manufacturing.
 2. Doors: 15 inches wide x 18 inches high, hand operated hopper type intake doors, self-closing, bottom hinged with 1-1/2 hour "UL" label; maximum 30 minute, 250° F temperature rise. Stainless steel with No. 3 type finish. ADA compliant lever handle with 2 keys. **Only intake door on the market with BOTH front & back and skirt with stainless steel panels. Better looking, longer lasting, easier cleaning, low maintenance.**
 3. Discharge: Open-end "Accordion Damper Assembly", "UL" labeled, interlocking type blades held open by fusible link assembly for automatic closing with heat rising above 165° F.
 4. Vent: Full diameter vent extending **3 feet (per NFPA Code 82; 2003)** above roof with hinged metal safety cap.
 5. Floor Frames: Standard floor frames are 1-1/2" x 1-1/2" x 3/16" steel angles.
 6. Standard Accessories: 1/2" NPT sprinkler and 3/4" NPT flushing head above top intake. Additional 1/2": sprinkler heads at alternate intake floors as required by NFPA Code 82. Furnished ONLY, for connection by others.
- C. Spiral Trash Chute available upon request. Specific design requirements must be reviewed with CHUTES International prior to specifying.

2.2 FABRICATION

- A. The trash chute shall be fully factory assembled and all joints, except those required separating the sections for shipment and installation shall be welded or lock-seamed tight. The floor intake doors shall be bolted in place on throats formed into the chute. All chute sections shall flash inside the sections below and there shall be no bolts, clips, or other projections inside the chute to snag the flow of material. Pre-positioned support frames shall assure proper intake levels and there shall be an expansion joint in the chute between all support joints. Discharge offsets, where required, shall be reinforced and separately supported in the impact area.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Verification of conditions:
 - 1. Area in which system is to be located is correct size and location, and is prepared for installation of trash chute and components.
- B. Installer's examination:
 - 1. Have installer of this section examine conditions under which construction activities of this section are to be performed, then submit written notification if conditions under which construction activities of this section are to be performed are unacceptable.
 - 2. Beginning construction activities of this section before unacceptable conditions have been corrected is prohibited.
 - 3. General Contractor shall verify and record chute alignment with installer immediately following installation.

3.2 INSTALLATION

- A. Install trash chute in accordance with shop drawings and manufacturer's printed installation instructions.

3.3 DEMONSTRATION

- A. Arrange demonstration of system operation, conducted by manufacturer's representative, to Owner's maintenance personnel.

END OF SECTION