



SECTION 105500 – Postal Specialties
SECTION 105513 – Centralized Mail Delivery
SECTION 105513.13 – Cluster Box Units

CLUSTER BOX UNITS

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PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Front-loading exterior Mailboxes
 - 1. Cluster Box Unit (CBU).
 - 2. Outdoor Parcel Locker (OPL).
- B. Decorative accessories.
 - 1. Traditional vogue
 - 2. Classic vogue

1.2 RELATED SECTIONS

- A. Section 048000 - Masonry Assemblies.
- B. Section 055000 - Metal Fabrications: Metal anchors.
- C. Section 033000 – Cast-in-place concrete.

1.3 REFERENCES

- A. United States Postal Service (USPS)
 - 1. USPS-B-1118 - United States Postal Service Standard Cluster Box Units
 - 2. USPS Publication 16.
 - 3. USPS Postal Bulletin – annual May issue listing approved and licensed CBU Manufacturers.
- B. IBC - International Building Code.
- C. ASTM A 666 - Specification for Austenitic Stainless Steel Sheet, Strip, Plate and Flat Bar.
- D. ASTM B 209 - Specification Aluminum and Aluminum Alloy Sheet and Plate.
- E. ASTM B 221 - Specification Aluminum and Aluminum Alloy Extruded Bar, Rods, Wire, Shapes, and Tubes.

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1.4 SUBMITTALS

- A. Submit under provisions of Section 013000.
- B. [[Product Data](#)]: Provide manufacturer's standard catalog data for specified products. Manufacturer's data sheets on each product to be used, including:
 - 1. Construction details, material descriptions, dimensions and finishes.
 - 2. Preparation instructions and recommendations.
 - 3. Storage and handling requirements and recommendations.
 - 4. Installation methods.
 - 5. Care and cleaning instructions and recommendations.
- C. Shop Drawings: Prepared specifically for this project; show dimensions of mail boxes, wall cuts, and interface with other products.

1.5 REGULATORY REQUIREMENTS

- A. Comply with USPS-B-1118 specification.
- B. Comply with Americans with Disabilities Act Accessibility Guidelines (ADAAG).

1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Manufacturer shall have a Quality System in place to ensure and be able to substantiate that manufactured units conform to requirements and match the approved design and must be ISO 9001:2008 certified.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Inspect the materials upon delivery to assure that specified products have been received.
- B. Store materials protected from exposure to harmful weather conditions.
- C. Handle materials to prevent damage or marring of finish.

1.8 WARRANTY

- A. Manufacturer's standard warranty to repair or replace components of postal specialties that fail in materials or workmanship within five years from date of purchase.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Florence Corporation, 5935 Corporate Drive, Manhattan, KS 66503; ASD. Tel: (785)323-4400, Tel: (800)275-1747. Fax: (800)275-5081. Email: sales@florencecorporation.com. Web: www.florencemailboxes.com.
- B. Substitutions: Not permitted.

2.2 CLUSTER BOX UNITS (CBU) (MAILBOXES)

Cluster Box Units: Must be an officially licensed product of the USPS. Consisting of multiple compartments enclosed within freestanding, pedestal-mounted aluminum cabinet. Provide access to compartments for distributing incoming mail and collecting outgoing mail from front of unit by unlocking master lock and swinging pair of side-hinged master doors to provide accessibility to entire group of compartments. Provide access to each compartment for removing mail by swinging compartment door. Provide slot for outgoing mail collection with weather protection hood. Comply with USPS-B-1118 ("F" Specification) as manufactured by Florence Corporation.

1. Model: vital™ series 1570 Cluster Box Unit (CBU), the Florence vital™ 1570 Cluster Box Unit is an officially licensed product of the USPS.
 - 1.1. Model 1570-8, Type I: 8 compartments, 3.25 inches (83 mm) high, with 2 parcel compartments and 1 outgoing mail receptacle.
 - 1.2. Model 1570-12, Type II: 12 compartments, 3.25 inches (83 mm) high, with 1 parcel compartment and 1 outgoing mail receptacle.
 - 1.3. Model 1570-16, Type III: 16 compartments, 3.25 inches (83 mm) high, with 2 parcel compartments and 1 outgoing mail receptacle.
 - 1.4. Model 1570-13, Type IV: 13 compartments, 5 inches (127 mm) high, with 1 parcel compartment and 1 outgoing mail receptacle.
 - 1.5. Model 1570-4T5, Type V: 4 compartments, 6.5 inches (165 mm) high, with 2 parcel compartments and 1 outgoing mail receptacle.
 - 1.6. Model 1570-8T6, Type VI: 8 compartments, 3.25 inches (83 mm) high, with 4 parcel compartments and 1 outgoing mail receptacle.
2. Compartment Depth: 15 inches (381 mm).
3. Cabinet: 0.10 inch (2.5 mm) thick welded aluminum sheet.
4. Doors: Minimum 0.125 inch (3 mm) thick aluminum, with stainless steel hardware and hinges.
5. Locks: 5-pin cylinder cam lock with spring-loaded cover on each unit, 3 keys each lock. (USPS-1172 910 lock)
6. Pedestal: Standard aluminum pedestal designed to ensure unit installed height meets all USPS installation requirements without additional adjustment.
 - 6.1. 28.5 inch (724 mm) high pedestal standard with Types I, II and V.
 - 6.2. 14.5 inch (368 mm) high pedestal standard with Types III, IV and VI.
7. Finish: Powder Coat Finish
 - 7.1. Sandstone – standard
 - 7.2. Black - standard
 - 7.3. Dark Bronze - standard
 - 7.4. Postal Gray - standard (for replacement units only)
8. Compartment Identification:
 - 8.1. Standard silver adhesive identification decals, 1.5 inch (38 mm) high by 1.75 inch (44 mm) wide, containing up to 5 characters

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- 8.2. Optional engraved identifier, .75 inch (19 mm) high in 6 font selections up to 12 characters
- 8.3. Optional engraved identifier with black fill, .75 inch (19 mm) high in 6 font selections up to 12 characters
- 8.4. Optional engraved identifier with white fill, .75 inch (19 mm) high in 6 font selections up to 12 characters

2.3 OUTDOOR PARCEL LOCKER (OPL)

Outdoor Parcel Lockers: Consisting of multiple compartments enclosed within freestanding, pedestal-mounted aluminum cabinet. Provide access to compartments for distributing incoming parcels front of unit by unlocking master lock and swinging side-hinged master door(s) to provide accessibility to entire group of compartments. Provide access to each compartment for removing parcels by swinging compartment door with key-trapping lock. Comply with USPS-B-1118 (“F” Specification) as manufactured exclusively by Florence Corporation.

1. Model: valiant™ series 1590 Outdoor Parcel Locker (OPL), the Florence valiant™ 1590 Outdoor Parcel Locker is designed to provide additional parcel lockers for Cluster Box Unit installations to meet USPS requirements; or to use alone for commercial parcel delivery.
 - 1.1. Model 1590-T1, Type I: 2 parcel compartments, 19.75 inches (502 mm) high.
 - 1.2. Model 1590-T2, Type II: 4 parcel compartments, 19.75 inches (502 mm) high.
2. Compartment Depth: 15 inches (381 mm).
3. Cabinet: 0.10 inch (2.5 mm) thick welded aluminum sheet.
4. Doors: Minimum 0.125 inch (3 mm) thick aluminum, with stainless steel hardware and hinges.
5. Locks: 5-pin cylinder cam lock with spring-loaded cover on each unit, 3 keys each lock. (USPS-1172 910 lock)
6. Pedestal: Standard aluminum pedestal designed to ensure unit installed height meets all USPS installation requirements without additional adjustment.
 - 6.1. 14.5 inch (368 mm) high pedestal standard with Types I and II.
7. Finish: Powder Coat Finish
 - 7.1. Sandstone – standard
 - 7.2. Black - standard
 - 7.3. Dark Bronze - standard
 - 7.4. Postal Gray - standard (for replacement units only)
8. Compartment Identification:
 - 8.1. Standard silver adhesive identification decals, 1.5 inch (38 mm) high by 1.75 inch (44 mm) wide, containing up to 5 characters
 - 8.2. Optional engraved identifier, .75 inch (19 mm) high in 6 font selections up to 12 characters
 - 8.3. Optional engraved identifier with black fill, .75 inch (19 mm) high in 6 font selections up to 12 characters
 - 8.4. Optional engraved identifier with white fill, .75 inch (19 mm) high in 6 font selections up to 12 characters

2.4 DECORATIVE ACCESSORIES

Decorative Accessories: Consisting of cap and pedestal covers for mounting on cluster box units. Comply with USPS-B-1118 ("F" Specification) as manufactured by Florence Corporation.

1. Series: DESIGNER CAP
 - 1.1. Model VOGUEC1, Classic Crown Cap for all CBU Types
 - 1.2. Model VOGUECA, Traditional Finial Cap for all CBU Types
2. Series: PEDESTAL COVER
 - 2.1. Model VOGUEP128, Classic Pillar Pedestal Cover for CBU Type I, II, V
 - 2.2. Model VOGUEPA, Traditional Column Pedestal Cover for CBU Type I, II, V
 - 2.3. Model VOGUEP114, Classic Pillar Pedestal Cover for CBU Type III, IV, VI
 - 2.4. Model VOGUEPA14, Traditional Column Pedestal Cover for CBU Type III, IV, VI
3. Finish: Powder Coat Finish
 - 3.1. Sandstone – standard
 - 3.2. Black - standard
 - 3.3. Dark Bronze - standard
 - 3.4. Postal Gray - standard (for replacement units only)

PART 3 EXECUTION

3.1 EXAMINATION

- A. Installer's Examination:
 1. Examine conditions under which construction activities of this section are to be performed; submit written notification if such conditions are unacceptable.
 2. Verify that cast concrete pads are correctly located, aligned and sized for mailboxes.
 3. Beginning installation indicates acceptance of conditions.

3.2 INSTALLATION

- A. Install mailboxes in accordance with shop drawings and manufacturer's printed installation instructions.
- B. Align, plumb, and level; anchor in accordance with manufacturer's requirements.

3.3 ADJUSTING

- A. Adjust doors and locks to operate correctly.

3.4 CLEANING

- A. Clean surfaces with mild dish detergent. Do not use harsh abrasive cleaners. Lubricate locks with graphite type lubricants only. Refer to manufacturer's

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recommended methods.

3.5 PROTECTION OF INSTALLED PRODUCTS

- A. Protect finishes from damage by construction activities. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION