

DIVISION 12 00 00
SECTION 12 93 00
SECTION 12 93 23

FURNISHINGS
SITE FURNISHINGS
TRASH AND LITTER RECEPTORS
UNIVERSAL RECEPTACLE

Part 1 General

01. Summary

A. Section Includes:

1. 36-gallon, top-opening receptacle with 10" diameter opening lid.
2. 36-gallon, top-opening receptacle with 6" diameter opening lid.
3. 36-gallon, top-opening receptacle with paper slot lid.
4. 36-gallon, top-opening receptacle with split-stream lid.
5. 36-gallon, side-opening receptacle with tri-stream lid.
6. 36-gallon, side-opening receptacle with standard opening / standard opening lid.
7. 36-gallon, side-opening receptacle with standard opening / round opening lid.
8. 36-gallon, side-opening receptacle with round opening / round opening lid.
9. 30-gallon, side-opening receptacle with standard opening/standard opening.
10. 30-gallon, side-opening receptacle with standard opening / round opening.
11. 30-gallon, side-opening receptacle with round opening / round opening.
12. 24-gallon, top-opening receptacle with 10" diameter opening lid.
13. 24-gallon, top-opening receptacle with 6" diameter opening lid.
14. 24-gallon, top-opening receptacle with paper slot lid.
15. 24-gallon, top-opening receptacle with split-stream lid.
16. 24-gallon, side-opening receptacle with standard opening / standard opening lid.
17. 24-gallon, side-opening receptacle with standard opening / round opening lid.
18. 24-gallon, side-opening receptacle with round opening / round opening lid.
19. 12-gallon, top-opening receptacle with 7" diameter opening lid.
20. 12-gallon, top-opening receptacle with split-stream lid.
21. 12-gallon, side-opening receptacle with dome lid.
22. 12-gallon, side-opening receptacle with stainless steel concealed ash lid.

02. Submittals

A. Provide submittals in accordance with Section 01 33 00 – Submittal Procedures.

B. Product data:

1. Manufacturer's standard product literature.
2. Shop drawings.
3. Installation instructions.
4. Maintenance instructions.

03. Quality Assurance

A. Manufacturer Qualifications:

1. Minimum 15 years experience in the manufacture of litter and recycling receptacles.
2. Provide reference list of at least ten major transportation authorities, municipalities,

universities, or

other high-use public environments currently using litter and recycling receptacles fabricated by the manufacturer.

04. Delivery, Storage and Handling

- A. Handle products in accordance with manufacturer's instructions.
- B. Store products in manufacturer's original packaging until ready for installation.
- C. Protect products from impacts and abrasion during storage.

05. Warranty

- A. Provide manufacturer's standard warranty.
 - 1. Warranty terms: one year from date of invoice against defects in materials and workmanship.

Part 2 Products

01. Manufacturer

A. Basis-of-design product: provide Universal Receptacle(s) based on the product named.

1. Universal Receptacle by Forms+Surfaces

2. Manufacturer Contact:

Forms+Surfaces

30 Pine Street

Pittsburgh, PA 15223

phone: 800-451-0410

fax: 412-781-7840

email: sales@forms-surfaces.com

website: www.forms-surfaces.com

B. Receptacles

1. Materials:

a. Body (Choose one material below):

1) Stainless Steel.

2) Fused Bronze (available for 12-gallon receptacles only).

3) Fused Nickel Silver (available for 12-gallon receptacles only).

b. Lid (Choose one material below):

1) Polyethylene with UL94HB fire rating.

2) Stainless steel (available for top opening 10" diameter opening, top opening 7" diameter opening and 12-gallon concealed ash lid only).

c. Base (Choose one material below):

1) Polyethylene with UL94HB fire rating.

2) Concrete.

d. Liners: black polyethylene with UL94HV fire rating.

e. Hardware: stainless steel.

2. Finishes:

a. Body (Choose one finish below):

1) Stainless Steel, Sandstone.

- 2) Stainless Steel, Seastone.
- 3) Stainless Steel, Linen.
- 4) Stainless Steel, Diamond.
- 5) Stainless Steel, Satin.
- 6) Fused Bronze, Sandstone (available for 12-gallon receptacles only).
- 7) Fused Bronze, Seastone (available for 12-gallon receptacles only).
- 8) Fused Bronze, Diamond (available for 12-gallon receptacles only).
- 9) Fused Nickel Silver, Sandstone (available for 12-gallon receptacles only).
- 10) Fused Nickel Silver, Seastone (available for 12-gallon receptacles only).
- 11) Fused Nickel Silver, Diamond (available for 12-gallon receptacles only).

b. Lid (Choose one finish below):

- 1) Polyethylene with Slate-colored light textured finish for 36-, 24-, and 12-gallon receptacles.
- 2) Stainless Steel with Satin finish (standard for 30-gallon receptacles and 12-gallon concealed ash lid; also available for top opening 10" diameter opening, top opening 7" diameter opening).

c. Base (Choose one finish below):

- 1) Polyethylene with Slate-colored light textured finish.
- 2) Black Sand-colored concrete.

3. Body Patterns (Choose one pattern below):

a. Eco-Etch:

- 1) Horizon.
- 2) Pinstripe.
- 3) Prism.

b. Impression:

- 1) Dune (not available in 12-gallon side-opening or 30-gallon receptacle).
- 2) Canyon (not available in 12-gallon side-opening receptacle).

c. Perforation:

- 1) Fade.
- 2) Fall.
- 3) Scape.

4. Dimensions (Select model(s) below):

- a. 36-gallon, top opening, 10" diameter opening: 21.4" diameter x 32.7" high.
- b. 36-gallon, top opening, 6" diameter opening: 21.4" diameter x 32.7" high.
- c. 36-gallon, top opening, paper slot: 21.4" diameter x 32.7" high.
- d. 36-gallon, top opening, split-stream: 21.4" diameter x 32.7" high.
- e. 36-gallon, side opening, tri-stream: 21.4" diameter x 32.7" high.
- f. 36-gallon, side opening, standard opening / standard opening: 21.5" diameter x 40.8" high.
- g. 36-gallon, side opening, standard opening / round opening: 21.5" diameter x 40.8" high.
- h. 36-gallon, side opening, round opening / round opening: 21.5" diameter x 40.8" high.
- i. 30-gallon, side opening, standard opening / standard opening: 21.5" diameter x 37.5" high.

- j. 30-gallon, side opening, standard opening / round opening: 21.5" diameter x 37.5" high.
- k. 30-gallon, side opening, round opening / round opening: 21.5" diameter x 37.5" high.
- l. 24-gallon, top opening, 10" diameter opening: 19.4" diameter x 29.5" high.
- m. 24-gallon, top opening, 6" diameter opening: 19.4" diameter x 29.5" high.
- n. 24-gallon, top opening, paper slot: 19.4" diameter x 29.5" high.
- o. 24-gallon, top opening, split-stream: 19.4" diameter x 29.5" high.
- p. 24-gallon, side opening, standard opening / standard opening: 19.4" diameter x 37.3" high.
- q. 24-gallon, side opening, standard opening / round opening: 19.4" diameter x 37.3" high.
- r. 24-gallon, side opening, round opening / round opening: 19.4" diameter x 37.3" high.
- s. 12-gallon, top opening, 7" diameter opening: 15.1" diameter x 29.5" high.
- t. 12-gallon, top opening, split-stream lid: 15.1" diameter x 29.5" high.
- u. 12-gallon, side opening, dome lid: 15.1" diameter x 36.2" high.
- v. 12-gallon, side opening, stainless steel concealed ash: 15.1" diameter x 35.5" high.

5. Instructional Graphics:

- a. Apply instructional graphics to lids as specified to indicate the intended waste or recycling stream.
 - 1) Graphics type: back-printed polycarbonate.
 - 2) Letters and symbols color: White.
 - 3) Graphics background colors:
 - 1. Black.
 - 2. Blue.
 - 3. Green.

Installation (Select one below):

- a. Freestanding (provide levelers when freestanding is specified).
- b. Surface mount (provide levelers and mounting hardware when surface mount is specified).

Part 3 Execution

01. Examination

- A. Verify that substrates are stable and capable of supporting the weight of items covered under this section.
- B. Verify that substrates have been adequately prepared to securely anchor those items that will be surface mounted.

02. Installation

- A. Install according to the manufacturer's installation instructions.
- B. Install in conformance to applicable ADA Guidelines and End User's established Accessibility policies.

END OF SECTION