



Product Data Sheet

Product : Static Spray Balls
Type : UAA

... Tank Cleaning Technology since 1925

Butterworth Static Spray Balls are simple, fast, and efficient devices for rinsing the inside of tanks in a variety of industries. All units are self cleaning and available in a variety of spray patterns and surface finishes.

Industries

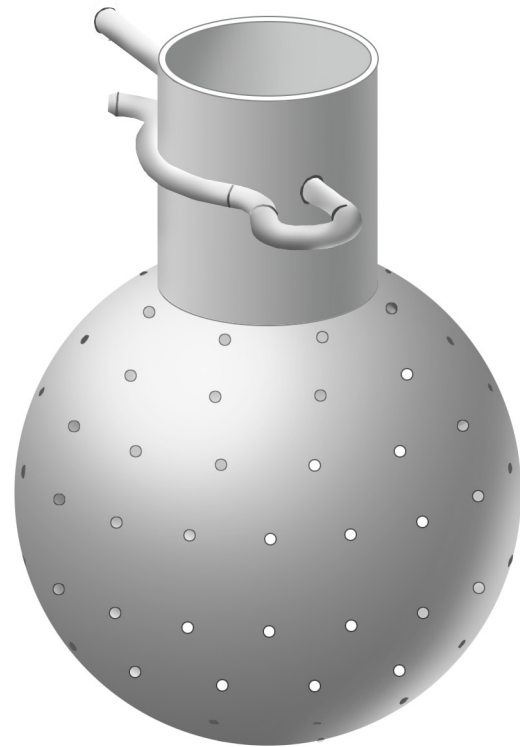
Static Spray Balls can be used in hygienic and non-hygenic applications.

Typical Industries Served:

- Food
- Brewing
- Dairy
- Pharmaceutical
- Cosmetic
- Biotech
- Chemical
- Beverage

Operational

Static Spray Balls project a predetermined spray pattern based on the drilling arrangement of the holes within the ball. Typically, rinsing is accomplished by creating the desired coverage and cascading effect required for the relative cleaning task.



Typical Installation

General Specifications

Materials of Construction:

- 316L Stainless Steel as Standard
- Teflon

Pressure/Flow Range:

- 0-100 PSIG (7 Bar)
- 0-500 GPM (113 M3/Hr)

Inlet Connection Type:

- Threaded (NPT, BSD and Others)
- Clip-On
- Weld Joint

Butterworth

Butterworth, Inc.

16737 West Hardy Road, Houston, TX 77060
Phone: 281.821.7300 • Fax: 281.821.5550 • www.butterworth.com



Product Data Sheet

Product : Static Spray Balls
Type : UAA

... Tank Cleaning Technology since 1925

Type UAA - Part Number Designations

| Model | D (in) | D1 (in) | Capacity at different pressures (gpm) (psi) | | | WR (in) |
|----------------|--------------------------------|---------|---|-----|-----|---------|
| | | | 15 | 22 | 30 | |
| UAA 1228 B3 ZN | 1 ³ / ₃₂ | ¼ | 8 | 10 | 12 | 40 |
| UAA 2050 B3 ZN | 2.0 | ½ | 24 | 29 | 34 | 65 |
| UAA 2465 B3 ZN | 2 ⁹ / ₁₆ | ¾ | 58 | 72 | 82 | 50 |
| UAA 3990 B3 ZN | 3 ⁹ / ₁₆ | 1 ¼ | 132 | 161 | 186 | 70 |

Wetting radius has been measured with pressure of 15 psi.

Model Reference Table

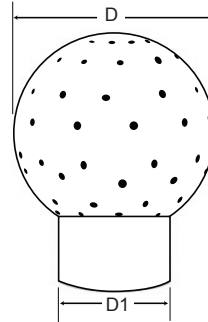
The codes in the table refer to heads with a 360° spray pattern, NPT female thread or clip connection.

Please note the product code can be changed to identify different available spray patterns or thread, as indicated below.

| Spray pattern |
|---------------|
| Z 360° |
| T 180° up |
| S 180° down |

| Connection |
|--------------|
| N NPT Female |
| C Clip |

Fixed Spray Heads



Butterworth

Butterworth, Inc.

16737 West Hardy Road, Houston, TX 77060

Phone: 281.821.7300 • Fax: 281.821.5550 • www.butterworth.com