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SPRAY BALL

Models: **SB360**
SB270U
SB180U
SB180D



Installation / Operation / Maintenance Instruction

Instruction No.:

1039 Rev A

Issued:

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Approved:

**F. Bongiorno,
Engineering Manager**

PROCESS EQUIPMENT – SPRAY BALL INSTALLATION

Our spray balls are optimally used in the low-pressure range, between 0.5 bar and 3.0 bar. The recommended installation depth of spray ball in a tank installation is as follows:

Type	Pressure at Spray Ball (bar)	Installation Depth (mm)
M	0.5 – 1.0	100
X	0.5 – 1.5	300
Y	0.5 – 1.5	300 – 400
A	0.5 – 2.0	500
B	1.0 – 2.5	500 – 700
F	1.0 – 2.5	500 – 700
C	1.0 – 2.5	500 – 700
D	1.5 – 3.0	600 – 800

Perigon / 360 degree spray pattern is required for heavily soiled containers and difficult to remove stains. This type of spraying ensures direct impact of the cleaning fluid flowing down the sides of the tank walls.

For low level soiling semi-angle spraying, 180° upwards is sufficient. The lower portion of the tank is cleaned indirectly by cleaning fluid flowing down the sides of the walls.

If there are any fixtures inside the tank that require special attention, an additional installation of a semi-angle spraying device 180° downwards is recommended. This device can be installed alternatively either directly above or below the fixtures in question.

Choice of the appropriate type of spray ball depends on the following requirements:

- Distance of the ball from the tank walls
- Installation depth
- Tank dimensions
- Type of detergent
- Pump specifications
- Tank use