



AUTOMATIC BRUSH SHOWER

AFFORDABLY AUTOMATE SHOWER
CLEANING & REDUCE NOZZLE PLUGGING



Spraying Systems Co.
Experts in Spray Technology





STEP 1
Remove the handwheel from your existing brush shower.

STEP 2
Install the Smart Motor and Geared Drive Unit.

STEP 3
The remotely-mounted Control Unit enables brush activation at the push of a button.

AUTOMATIC BRUSH SHOWERS SAVE TIME, IMPROVE QUALITY & BOOST PRODUCTIVITY

ELIMINATE MANUAL BRUSH OPERATION IN EXISTING APPLICATIONS & ELIMINATE MANUAL CLEANING ENTIRELY IN NEW APPLICATIONS

If you have manual brush-type showers, our new control unit offers an economical way to eliminate the need for human intervention to rotate the brushes. The control unit replaces the handwheel and enables brush activation via a single push of a button. An optional programmable timer is also available to completely automate the cleaning cycle and eliminate all manual effort.

If you are experiencing nozzle plugging and haven't yet invested in brush-type showers, our Automatic Brush Shower is an ideal solution. Maintenance time due to clogged nozzles can be eliminated. And, because the cleaning cycle occurs without interrupting operation, you can maximize machine uptime.

BENEFITS

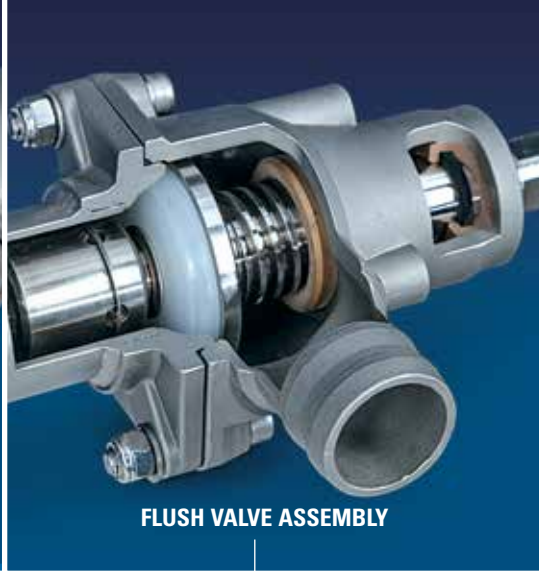
- Affordable, automated solution. Operator intervention is minimized or eliminated. No need to have workers climbing machines or rotating handwheels
- Suitable for use with all brush-type showers up to 3" in diameter
- Easy operation. Cleaning cycles occur automatically when used with the programmable timer. If not, activation requires a simple push of a button. The brushes wipe the nozzles and the dirty water is flushed away
- Easy installation. Installing our Automatic Brush Shower is a straightforward task. A field brush header can be retrofitted from a manual wheel to automatic operation in as little as seven minutes
- Virtually maintenance free. Aside from gear lubrication twice a year, the Automatic Brush Shower requires no other maintenance



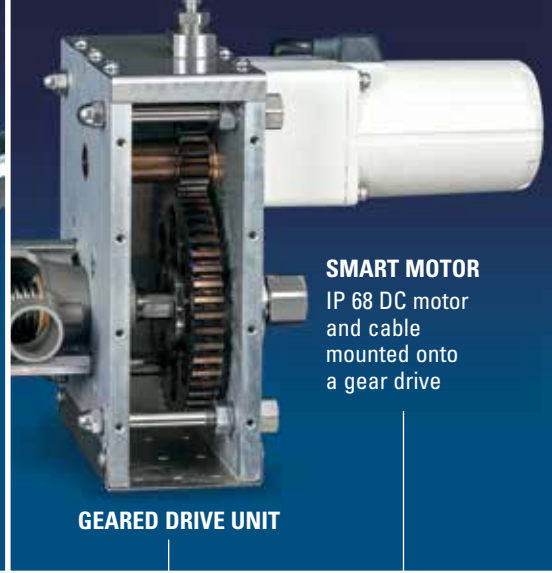


INTERNAL ROTATING BRUSH ASSEMBLY

Brush-type shower with staggered brush sections installed at 120° intervals



FLUSH VALVE ASSEMBLY



SMART MOTOR
IP 68 DC motor and cable mounted onto a gear drive

GEARED DRIVE UNIT



SHOWERJET NOZZLES



CONTROL UNIT
NEMA 4x fiberglass control box

A CLOSER LOOK AT THE AUTOMATIC BRUSH SHOWER

An internal rotating brush assembly scrubs the interior wall of the shower as well as each disc-type shower nozzle orifice to prevent clogging and help ensure long nozzle wear life. In just a few seconds, debris is swept away through the flush-out valve, restoring full liquid flow to the system without contaminating the sprayed surface. And, there's no need to stop the system. The brushes operate without disruption to normal processes.

ShowerJet nozzles are most often used with our Automatic Brush Shower. A lock ring on the shower holds the nozzles in place. ShowerJet nozzles that produce a flat spray pattern are available with a stainless steel orifice. Solid stream versions are available with ceramic or synthetic ruby orifices for longer wear life.

E-Stop Push/Pull Button

Blue Illuminated Power On Indicator



Run Cycle Button Illuminates When Cleaning Cycle is in Process

AUTOMATIC BRUSH SHOWER

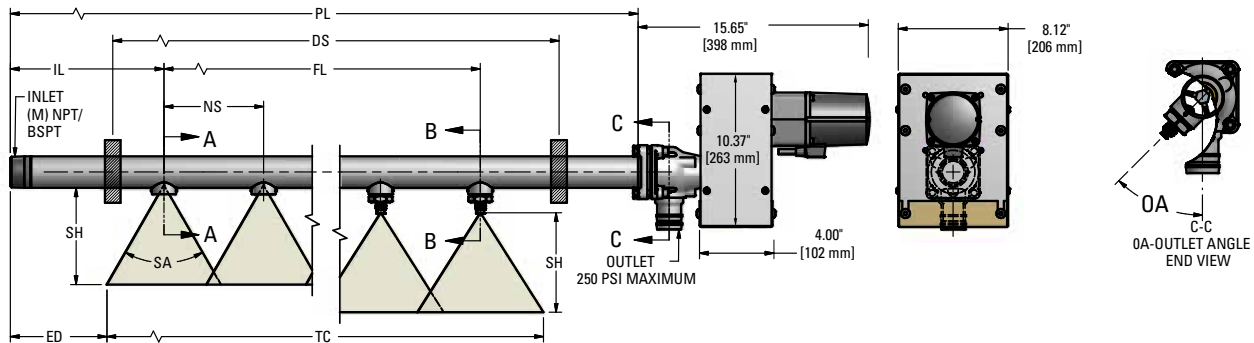
To obtain a no obligation quotation on our new Automatic Brush Shower, please review the worksheet that follows and give us a call to discuss the specifications of your application.

AUTOMATIC BRUSH SHOWER SPECIFICATION WORKSHEET

Company: _____ Name: _____

Address : _____

Phone: _____ Fax: _____ Sales office/Sales engineer : _____



Qty Showers Required: _____

(INCHES/MM/DEGREES)

(*REQUIRED)

Pipe length (PL)*: _____

Pipe material*: _____
(316LSS or 304LSS)

Hand wheel*: _____
(Aluminum or SS)

Theoretical coverage (TC)*: _____

Inlet (M)*: _____
(NPT or BSPT)

Ratchet handle*: _____
(optional, iron material)

Nozzle spacing (NS): _____

Operating pressure*: _____
(psi or bar)

Oscillating stroke length*: _____
(in or mm)

Inlet to nozzle (IL)*: _____

First to last (FL): _____

Total flow*: _____
(gpm or lpm)

Spray coverage: _____
(single or double)

End to edge (ED): _____

Shower height (SH)*: _____

Operating temperature*: _____
(F or C)

Liquid sprayed: _____

Support distance (SD)*: _____

Spray angle (SA)*: _____

Qty of nozzles: _____

(0, 15, 30, 45, 60 or 75 degrees)

Outlet angle (OA)*: _____

Defaults	Material: 316LSS	psi: 40 (2.76 bar)	IL: 4.00" (101.6 mm)	SA: 60	OA: 0 (zero)	Inlet: (M) NPT	Spray over- lap: 1	Temp. <100°F (38°C)
Minimums	IL: 4.00" (101.6 mm)	psi: 40 (2.76 bar)	Pipe size: 1-1/2"	NS: 2.00" (50.8 mm)				



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