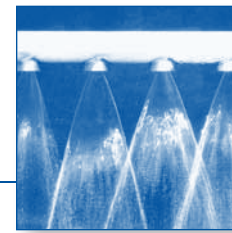


STAMM®
shower headers
with built-in cleaning device



Engineered and manufactured by Lechler Inc. in the USA under license by the STAMM® Company in Germany, these shower headers with built-in cleaning device are recognized worldwide as the original “brush and flush” shower system.

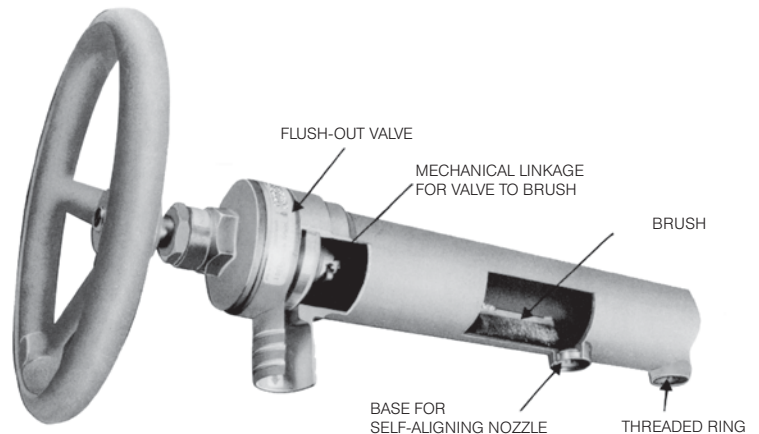
Shower pipe and nozzles remain clog-free due to the unique flush system design. A simple turn of the handwheel sweeps contaminants away from the nozzle orifices and directs the debris down the flush-out valve. Since these showers eliminate costly down time for cleaning, they are especially cost-effective in applications subject to high fluid contamination. Some features of the self-cleaning shower system are:

- Header pipe available in sizes from 1½" to 6" in diameter.
- Contaminants flushed via special valve, preventing them from clogging orifices or reaching showered surface.
- System accommodates wide range of flow rates.
- Stainless steel construction throughout.
- Highly efficient, interchangeable nozzles are self-aligning.
- Systems are tailored to your specific application.

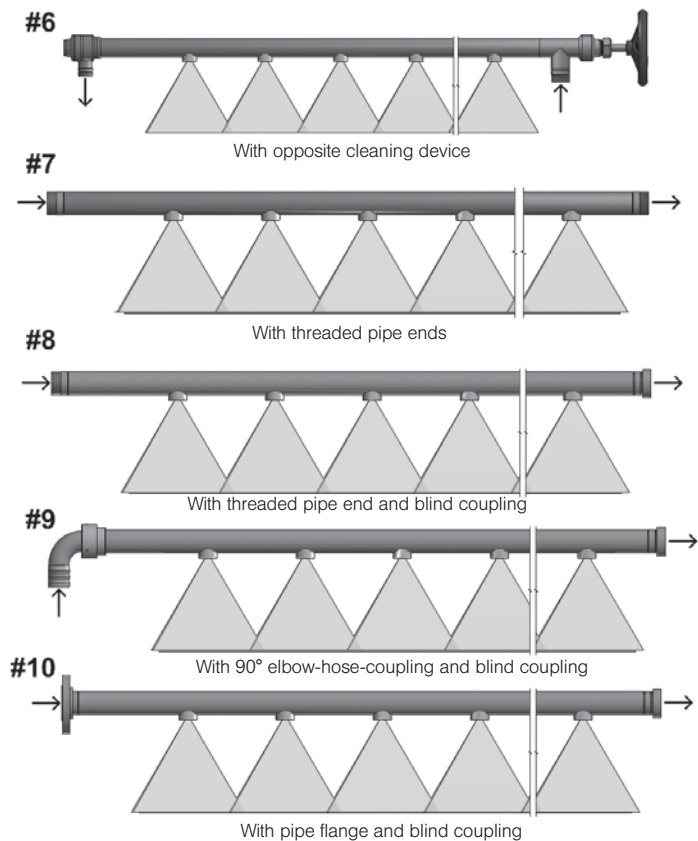
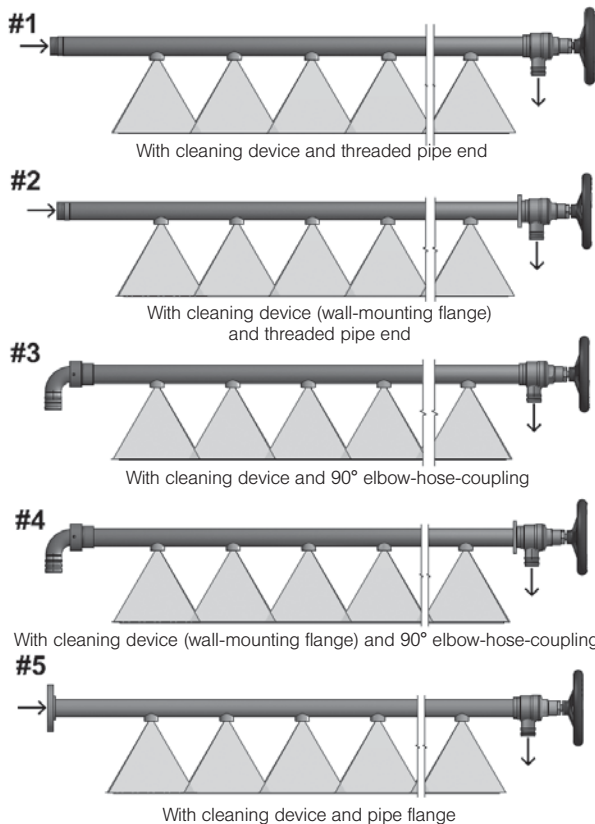
Refer to the next page for a selection of nozzles specifically designed for use in STAMM® showers.

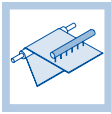
Typical applications:

- Cleaning of wires and felts
- Humidification
- Knock-off
- Lubrication

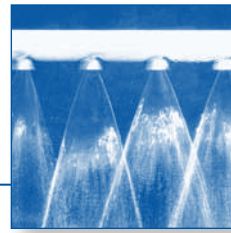


Standard shower models (Other configurations also available; note that models #7–10 have no cleaning device)





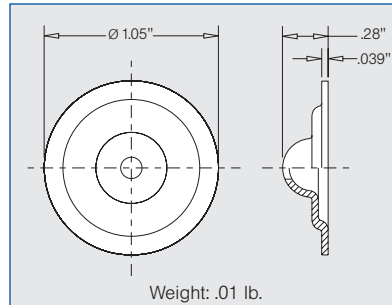
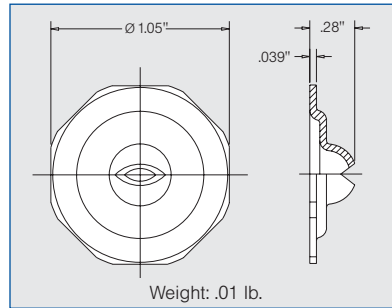
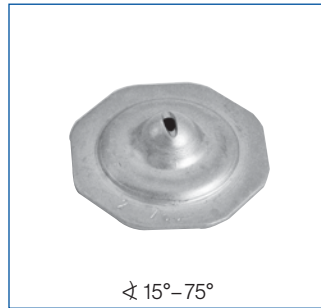
Nozzles for STAMM® shower headers Series 626 / 5SW



Designed specifically for STAMM® shower headers, these nozzles can serve as replacements or to change the flow rate of an existing unit. Self aligning when used with STAMM® or Lechler bases. 317 LN stainless steel construction for long service life. Available in 75°, 60°, 30°, and 15° flat fans or 0° solid stream (“needle jet”) versions.

Applications:

- For use on STAMM® showers
- Paper production
- Belt filter press cleaning in wastewater treatment

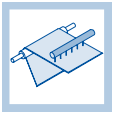


Spray angle	Ordering no.	Equiv. Orifice Diam. (mm)	Flow Rate (Gallons Per Minute)							
			20 psi	40 psi	60 psi	100 psi	150 psi	250 psi	500 psi	1000 psi
75°	626. 485. 1F. 37	1.5	.35	.50	.61	.79	.96	1.2	1.8	2.5
	626. 565. 1F. 37	2.0	.55	.77	.95	1.2	1.5	1.9	2.7	3.9
	626. 645. 1F. 37	2.5	.88	1.2	1.5	2.0	2.4	3.1	4.4	6.2
	626. 725. 1F. 37	3.0	1.4	2.0	2.4	3.1	3.8	4.9	6.9	9.8
60°	626. 364. 1F. 37	1.0	.14	.20	.24	.31	.38	.49	.69	.98
	626. 404. 1F. 37	1.2	.22	.31	.38	.49	.60	.77	1.1	1.6
	626. 464. 1F. 37	1.5	.35	.50	.61	.79	.96	1.2	1.8	2.5
	626. 564. 1F. 37	2.0	.55	.77	.95	1.2	1.5	1.9	2.7	3.9
	626. 644. 1F. 37	2.5	.88	1.2	1.5	2.0	2.4	3.1	4.4	6.2
	626. 724. 1F. 37	3.0	1.4	2.0	2.4	3.1	3.8	4.9	6.9	9.8
	626. 804. 1F. 37	4.0	2.2	3.1	3.8	4.9	6.0	7.8	11.0	15.5
	626. 884. 1F. 37	5.0	3.5	4.9	6.0	7.8	9.6	12.3	17.4	25
	626. 964. 1F. 37	6.0	5.5	7.8	9.5	12.3	15.0	19.4	27	39
	627. 004. 1F. 37	7.0	6.9	9.8	12.0	15.5	18.9	24	35	49
627. 044. 1F. 37	8.0	8.8	12.4	15.2	19.6	24	31	44	62	
30°	626. 362. 1F. 37	1.0	.14	.20	.24	.31	.38	.49	.69	.98
	626. 482. 1F. 37	1.5	.35	.50	.61	.79	.96	1.2	1.8	2.5
	626. 562. 1F. 37	2.0	.55	.77	.95	1.2	1.5	1.9	2.7	3.9
	626. 642. 1F. 37	2.5	.88	1.2	1.5	2.0	2.4	3.1	4.4	6.2
	626. 722. 1F. 37	3.0	1.4	2.0	2.4	3.1	3.8	4.9	6.9	9.8
15°	626. 361. 1F. 37	1.0	.14	.20	.24	.31	.38	.49	.69	.98
	626. 561. 1F. 37	2.0	.55	.77	.95	1.2	1.5	1.9	2.7	3.9
	626. 721. 1F. 37	3.0	1.4	2.0	2.4	3.1	3.8	4.9	6.9	9.8
0°	5SW. 300. 1F. 00	0.7	.06	.09	.11	.14	.17	.22	.31	.44
	5SW. 320. 1F. 00	0.8	.09	.13	.15	.20	.24	.32	.45	.63
	5SW. 340. 1F. 00	0.9	.11	.15	.19	.25	.30	.39	.55	.77
	5SW. 360. 1F. 00	1.0	.14	.20	.24	.31	.38	.49	.69	.98
	5SW. 390. 1F. 00	1.2	.22	.31	.38	.49	.60	.77	1.1	1.6
	5SW. 460. 1F. 00	1.5	.35	.50	.61	.79	.96	1.2	1.8	2.5
	5SW. 540. 1F. 00	2.0	.55	.77	.95	1.2	1.5	1.9	2.7	3.9
	5SW. 620. 1F. 00	2.5	.88	1.2	1.5	2.0	2.4	3.1	4.4	6.2
	5SW. 680. 1F. 00	3.0	1.4	2.0	2.4	3.1	3.8	4.9	6.9	9.8
	5SW. 780. 1F. 00	4.0	2.2	3.1	3.8	4.9	6.0	7.8	11.0	15.5
	5SW. 860. 1F. 00	5.0	3.5	4.9	6.0	7.8	9.6	12.3	17.4	25

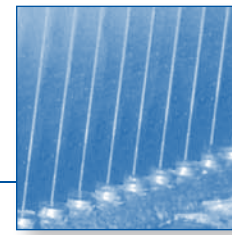
Notes: Also available upon request are: (1) nozzles with other flow rates and (2) solid stream nozzles (0°) with a ruby tip orifice. The number in the Equiv. Orifice Diam. column represents the Nozzle # and spray angle stamped on each nozzle; e.g., the nozzle stamped 1.0 / 60 refers to 626.364.1F.37. Lechler has blank shower nozzles with no orifices which can be used on STAMM® showers when a particular nozzle opening needs to be blocked. The part number for this blank nozzle is **006.261.1F.00**.

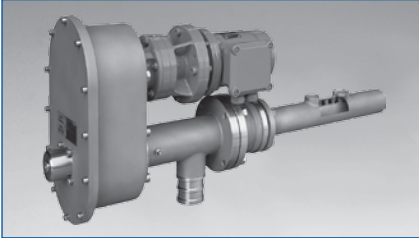
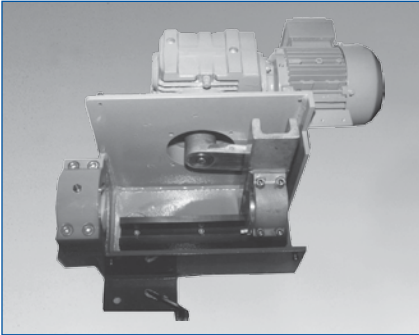
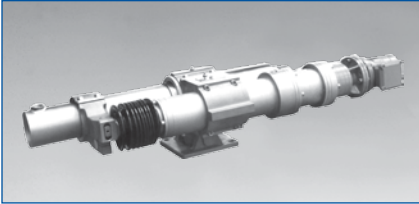
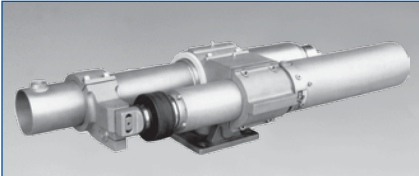
Conversion formula for the above series: $V_2 = V_1 \sqrt{\frac{P_2}{P_1}}$
(See page 12 for symbol definitions.)

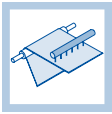




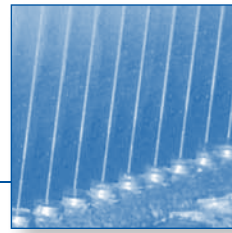
Automatic cleaning device and oscillators for STAMM® headers

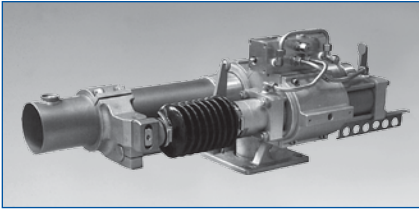
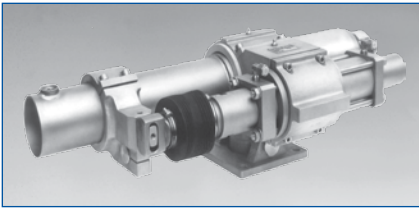


Part Number	Description	Stroke length	Shower size
10.900 Automatic Cleaning Device 	Automatic regular cleaning of nozzles at programmable intervals; existing showers can be retrofitted with this device.	N/A	All sizes
10.200 E Oscillator 	Oscillator with electro-mechanical crank drive for side-to-side movement by a sliding block and axial guide rail.	200 mm Non-adjustable	2" to 4"
10.510 LSE-R Oscillator 	Oscillator with electro-mechanical gear motor that rotates a double ball screw spindle which converts rotation into linear stroke movement.	2" to 3": 206.4 mm or 301.4 mm 4" to 6": 203.2 mm or 304.2 mm	One size for 2" to 3" diameter One size for 4" to 6" diameter
10.510 EC Oscillator 	Oscillator with electro-mechanical step motor with a planetary gear reducer to drive a ball screw spindle.	1–200 mm Infinitely adjustable	2" to 6"



**Automatic cleaning device
and oscillators
for STAMM® headers**



Part Number	Description	Stroke length	Shower size
10.591 S Oscillator	Oscillator with oil-hydraulic drive with infinitely adjustable stroke speed provided by micro-flow control valve.	50–200 mm Infinitely adjustable 50–300 mm Infinitely adjustable	2" to 6"
			
10.691 S Oscillator	Oscillator with oil-hydraulic drive with electronic oil flow control for automatic adjustment of stroke speed.	1–200 mm Infinitely adjustable 1–300 mm Infinitely adjustable	2" to 6"
			
10.700 Oscillator bearing	Wear-resistant bearing made of stainless steel; installs in any position and fits all drive alternatives.	N/A	All sizes
