

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 the 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

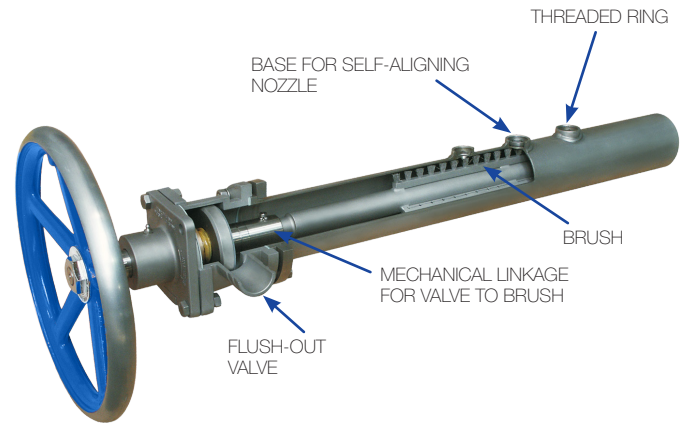
shower system are:

- Header pipe available in sizes from 1 1/2" 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.
- Highly efficient, interchangeable nozzles are self-aligning.
- Systems are tailored to your specific application.

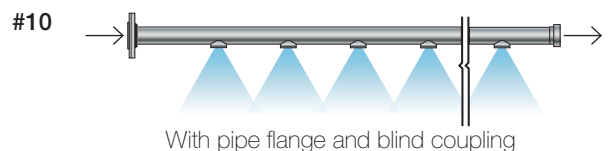
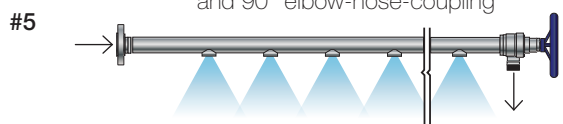
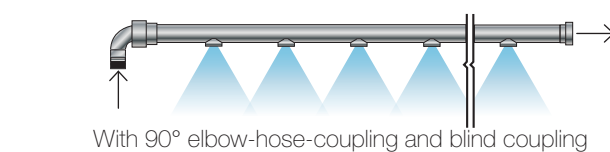
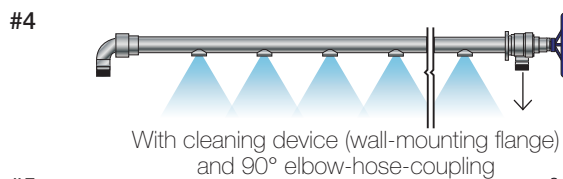
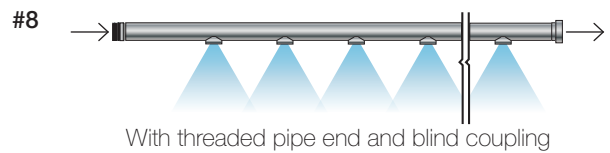
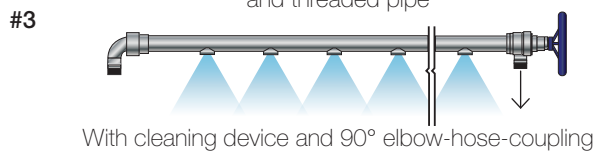
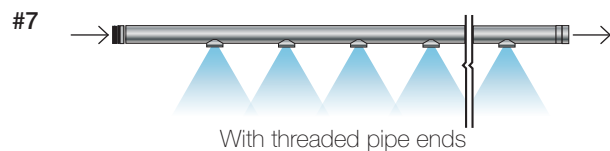
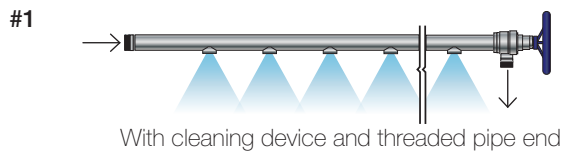
Refer to the next page for a selection of nozzles specifically designed for use in STAMM® showers.

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

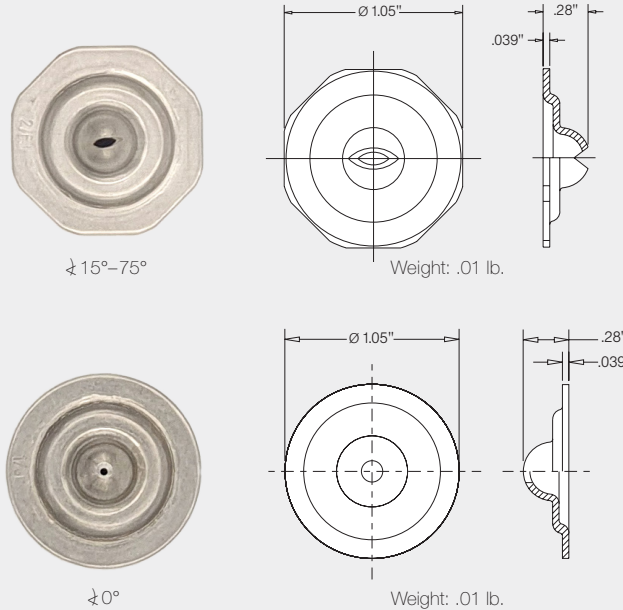
Series 626 / 5SW



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. 316L SS stainless steel construction for long service life. Available in 75°, 60°, 30°, and 15° flat fans or 0° solid stream ("needle jet") versions.

Applications:

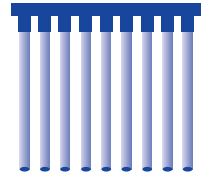
- For use on STAMM® showers
- Paper production
- Belt filter press cleaning in wastewater treatment



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**.

| Spray angle | Ordering number | Equiv. Orifice Diameter (mm) | V̇ water [gal/min] | | | | | | |
|-------------------------|-------------------------------------|---------------------------------|--------------------|------|------|------|------|------|------|
| | Material 316L SS stainless steel | | p [psij] | | | | | | |
| | | | 40 | 60 | 100 | 150 | 250 | 500 | 1000 |
| 75° | 626. 485. 1E. 37 | 1.5 | .50 | .61 | .79 | .96 | 1.2 | 1.8 | 2.5 |
| | 626. 565. 1E. 37 | 2.0 | .77 | .95 | 1.2 | 1.5 | 1.9 | 2.7 | 3.9 |
| | 626. 645. 1E. 37 | 2.5 | 1.2 | 1.5 | 2.0 | 2.4 | 3.1 | 4.4 | 6.2 |
| | 626. 725. 1E. 37 | 3.0 | 2.0 | 2.4 | 3.1 | 3.8 | 4.9 | 6.9 | 9.8 |
| 60° | 626. 364. 1E. 37 | 1.0 | .20 | .24 | .31 | .38 | .49 | .69 | .98 |
| | 626. 404. 1E. 37 | 1.2 | .31 | .38 | .49 | .60 | .77 | 1.1 | 1.6 |
| | 626. 464. 1E. 37 | 1.5 | .50 | .61 | .79 | .96 | 1.2 | 1.8 | 2.5 |
| | 626. 564. 1E. 37 | 2.0 | .77 | .95 | 1.2 | 1.5 | 1.9 | 2.7 | 3.9 |
| | 626. 644. 1E. 37 | 2.5 | 1.2 | 1.5 | 2.0 | 2.4 | 3.1 | 4.4 | 6.2 |
| | 626. 724. 1E. 37 | 3.0 | 2.0 | 2.4 | 3.1 | 3.8 | 4.9 | 6.9 | 9.8 |
| | 626. 804. 1E. 37 | 4.0 | 3.1 | 3.8 | 4.9 | 6.0 | 7.8 | 11.0 | 15.5 |
| | 626. 884. 1E. 37 | 5.0 | 4.9 | 6.0 | 7.8 | 9.6 | 12.3 | 17.4 | 25.0 |
| | 626. 964. 1E. 37 | 6.0 | 7.8 | 9.5 | 12.3 | 15.0 | 19.4 | 27.0 | 39.0 |
| | 627. 004. 1E. 37 | 7.0 | 9.8 | 12.0 | 15.5 | 18.9 | 24.0 | 35.0 | 49.0 |
| 627. 044. 1E. 37 | 8.0 | 12.4 | 15.2 | 19.6 | 24.0 | 31.0 | 44.0 | 62.0 | |
| 30° | 626. 362. 1E. 37 | 1.0 | .20 | .24 | .31 | .38 | .49 | .69 | .98 |
| | 626. 482. 1E. 37 | 1.5 | .50 | .61 | .79 | .96 | 1.2 | 1.8 | 2.5 |
| | 626. 562. 1E. 37 | 2.0 | .77 | .95 | 1.2 | 1.5 | 1.9 | 2.7 | 3.9 |
| | 626. 642. 1E. 37 | 2.5 | 1.2 | 1.5 | 2.0 | 2.4 | 3.1 | 4.4 | 6.2 |
| | 626. 722. 1E. 37 | 3.0 | 2.0 | 2.4 | 3.1 | 3.8 | 4.9 | 6.9 | 9.8 |
| | 626. 802. 1E. 37 | 4.0 | 3.1 | 3.8 | 4.9 | 6.0 | 7.8 | 11.0 | 15.5 |
| 626. 882. 1E. 37 | 5.0 | 4.9 | 6.0 | 7.8 | 9.6 | 12.3 | 17.4 | 25.0 | |
| 15° | 626. 361. 1E. 37 | 1.0 | .20 | .24 | .31 | .38 | .49 | .69 | .98 |
| | 626. 561. 1E. 37 | 2.0 | .77 | .95 | 1.2 | 1.5 | 1.9 | 2.7 | 3.9 |
| | 626. 721. 1E. 37 | 3.0 | 2.0 | 2.4 | 3.1 | 3.8 | 4.9 | 6.9 | 9.8 |
| 0° | 5SW. 300. 1E. 00 | 0.7 | .09 | .11 | .14 | .17 | .22 | .31 | .44 |
| | 5SW. 320. 1E. 00 | 0.8 | .13 | .15 | .20 | .24 | .32 | .45 | .63 |
| | 5SW. 340. 1E. 00 | 0.9 | .15 | .19 | .25 | .30 | .39 | .55 | .77 |
| | 5SW. 360. 1E. 00 | 1.0 | .20 | .24 | .31 | .38 | .49 | .69 | .98 |
| | 5SW. 390. 1E. 00 | 1.2 | .31 | .38 | .49 | .60 | .77 | 1.1 | 1.6 |
| | 5SW. 460. 1E. 00 | 1.5 | .50 | .61 | .79 | .96 | 1.2 | 1.8 | 2.5 |
| | 5SW. 540. 1E. 00 | 2.0 | .77 | .95 | 1.2 | 1.5 | 1.9 | 2.7 | 3.9 |
| | 5SW. 620. 1E. 00 | 2.5 | 1.2 | 1.5 | 2.0 | 2.4 | 3.1 | 4.4 | 6.2 |
| | 5SW. 680. 1E. 00 | 3.0 | 2.0 | 2.4 | 3.1 | 3.8 | 4.9 | 6.9 | 9.8 |
| | 5SW. 780. 1E. 00 | 4.0 | 3.1 | 3.8 | 4.9 | 6.0 | 7.8 | 11.0 | 15.5 |
| | 5SW. 860. 1E. 00 | 5.0 | 4.9 | 6.0 | 7.8 | 9.6 | 12.0 | 17.4 | 25.0 |

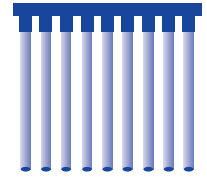
AUTOMATIC CLEANING DEVICE AND OSCILLATORS FOR STAMM® HEADERS



| 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 electromechanical crank drive for side-to-side movement by a sliding block and axial guide rail. | Non-adjustable 200 mm | |
| 10.010 LE-R Oscillator  | Oscillator with electromechanical 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 1-120 mm/min 4" to 6": 203.2 mm or 304.2 mm | One size for 2" to 3" diameter One size for 4" to 6" diameter |
| 10.020 EC Oscillator  | Oscillator with electromechanical step motor with a planetary gear reducer to drive a ball screw spindle. | Infinitely adjustable 1-200 mm 1-300 mm (optional) | 2" to 6" |



➤ AUTOMATIC CLEANING DEVICE AND OSCILLATORS FOR STAMM® HEADERS



| Part number | Description | Stroke length | Shower size |
|--|--|---|-------------|
| 10.094 Oscillator  | | Infinitely adjustable 1–200 mm 1–300 mm (optional) 1–500 mm (optional) | 2" to 6" |
| 10.093 Oscillator  | Oscillator with oil-hydraulic drive with electronic oil flow control for automatic adjustment of stroke speed. | Infinitely adjustable 1–200 mm 1–300 mm (optional) 1–500 mm (optional) | 2" to 6" |
| 10.800 Oscillator bearing  | Wear-resistant bearing made of stainless steel; installs in any position and fits all drive alternatives. | N/A | |

