



Nozzle Headers

STAMM® Showers

Air Atomizing

Air Blowoff

Quick Disconnect

Flat Fan

Plastic

Specialty





Spray headers

Custom fabricated for your application

Fabricated Headers – Our Specialty

In addition to single nozzles and accessories, Lechler can make fabricated headers in any size or shape for any application you may have in mind. With our knowledge of nozzles and applications, we can design and build a header specifically to perform the task you need for your process. Here are some examples of systems we have designed over the years:

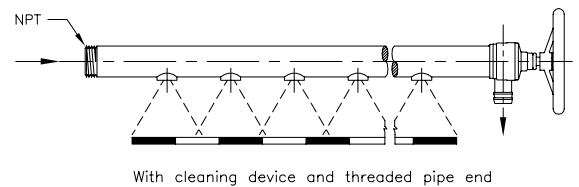
STAMM® Self-Cleaning Headers

The STAMM® self-cleaning shower header is the original “brush and flush” shower system. Various model configurations provide alternatives for installation and inlet/outlet connections. STAMM’s software design program allows for input of variable specification data, resulting in a customized shower which accurately meets the end user’s requirements.

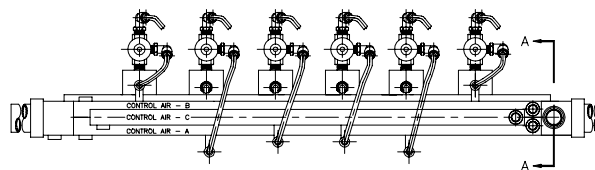
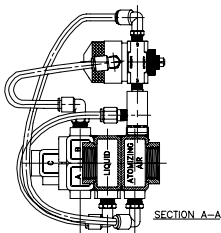
While there are six model configurations with a brush rod which does the self-cleaning, there are also four models without a brush rod. These brushless models provide more economical options for building custom headers with the famous STAMM quality.

We can even adapt a STAMM shower to accept threaded nozzles instead of using the standard flat fan disks. Just ask us for more information if you are interested in this alternative.

Please refer to Page 143 in the Paper Section for more detailed information on STAMM shower headers.

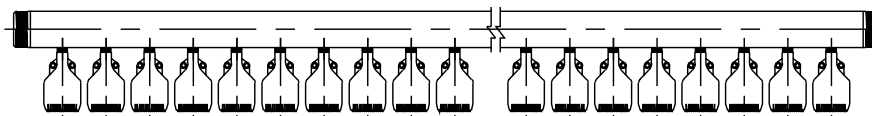


Air Atomizing Headers



Headers can simplify the plumbing required for AirMist or ViscoMist atomizers. Here six nozzles can be operated in pairs to spray a target with a varying width. The header provides a convenient mounting platform while still allowing the nozzles to change position.

Air Blowoff Headers



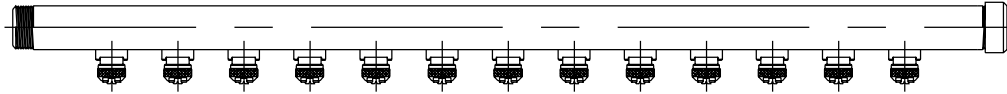
The air knife headers are extremely versatile and can be configured in many forms. This header has our WHISPERBLAST® nozzles for a more concentrated air blast into a tighter column.



Spray headers

Custom fabricated for your application

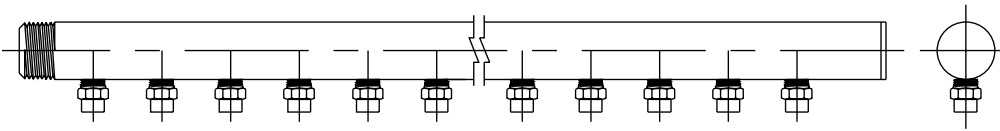
Quick Disconnect Nozzle Headers



This header design is equipped with our stainless steel TWISTLOC nozzle assemblies. Each assembly includes a nozzle base which is welded to the pipe, a retainer cap, and a nozzle tip that fits inside the cap. Just as with our plastic Twistloc assemblies, the stainless steel version provides you these benefits:

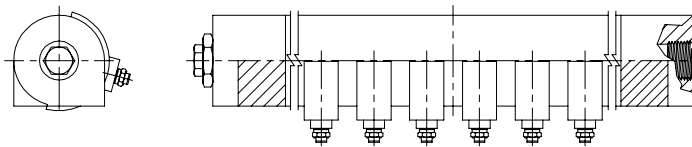
- 1) quick installation and removal by hand without tools;
- and 2) automatic realignment of the nozzle to the previously established position.

Flat Fan Nozzle Headers



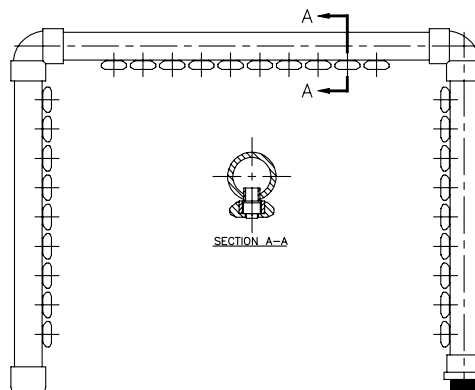
If your application requires an even distribution of liquid across a conveyor, then this header configuration is for you. Our flat fan nozzles arranged in an offset position offer a uniform spray pattern across the surface. The number of nozzles and width of the header can vary with your specific application.

Plastic Headers



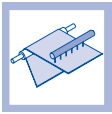
While stainless steel is usually the first choice, here the header is made from an epoxy and fiber composite designed especially to withstand acids. Our PVDF nozzles work well in this type of application, providing long service life in spite of the aggressive fluid and environment.

Specialty Headers

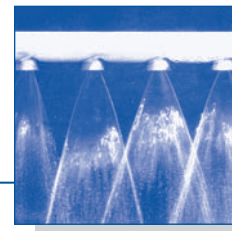


This header was fabricated entirely from PVC using our plastic TWISTLOC components. The nozzle bases were cemented into the pipe, and PVDF nozzle tips were used in the caps. This resulted in a very economical header that still offers all the convenience of quick disconnect nozzles.

What kind of header can we build for your application? Call us today at 1-800-777-2926. We'd like the opportunity to work with you on your specific header arrangement.



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.

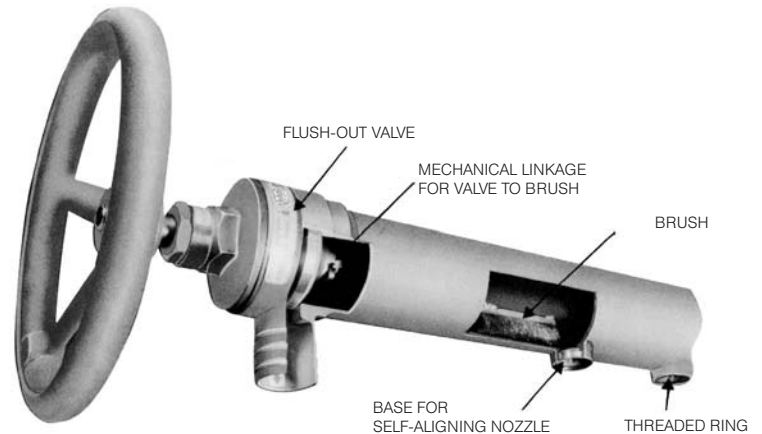
Shower pipe and nozzles remain clog-free due to the unique flush system design. A simple turn of the handwheel sweeps contaminants away from the nozzle orifices and directs the debris down the flush-out valve. Since these showers eliminate costly down time for cleaning, they are especially cost-effective 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 automatically 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.

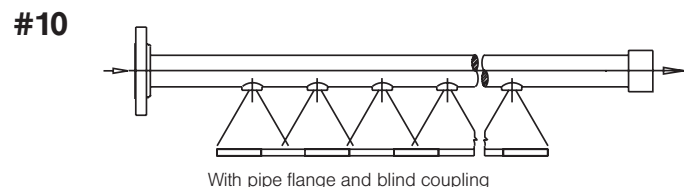
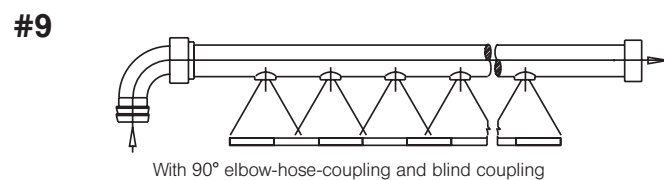
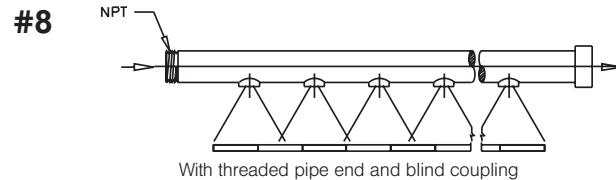
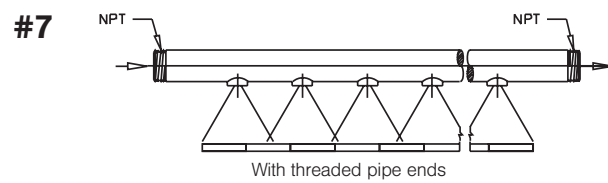
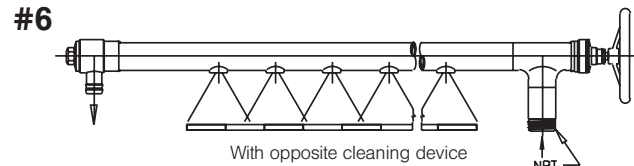
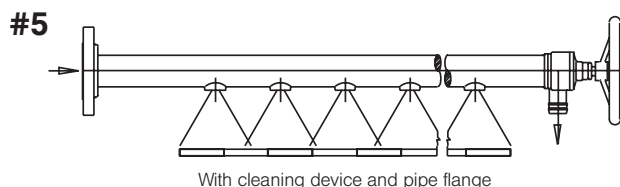
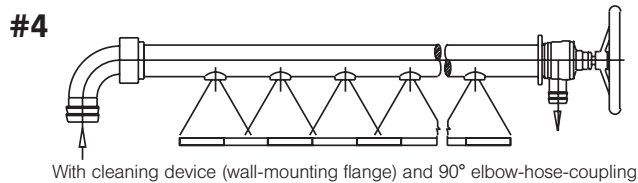
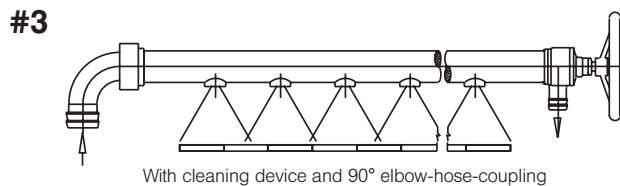
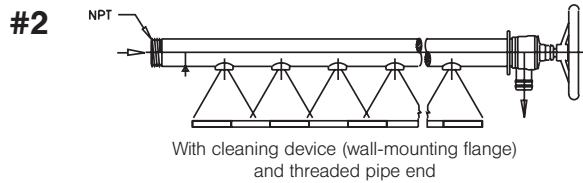
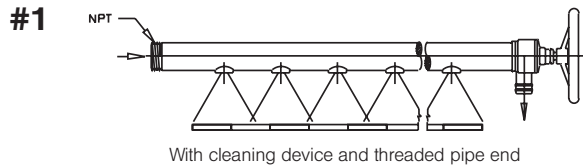
Refer to the next page for a selection of nozzles specifically designed for use in STAMM® showers.

Typical applications:

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



Standard shower models (Other configurations also available)





Spray headers

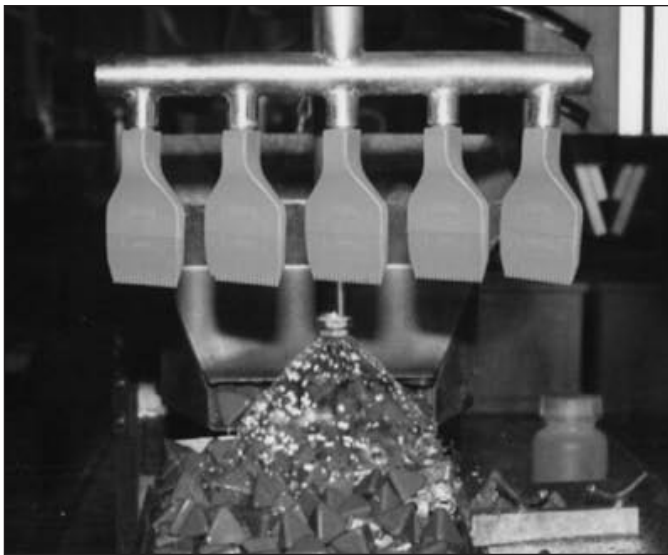
Photos of spray headers



STAMM® Header customized with Deflector Flat Fan Nozzles



Flat Fan Header



WHISPERBLAST® Air Header



Tangential Full Cone Header



AirMist Air Atomizing Header



ViscoMist Air Atomizing Header

Nozzle headers