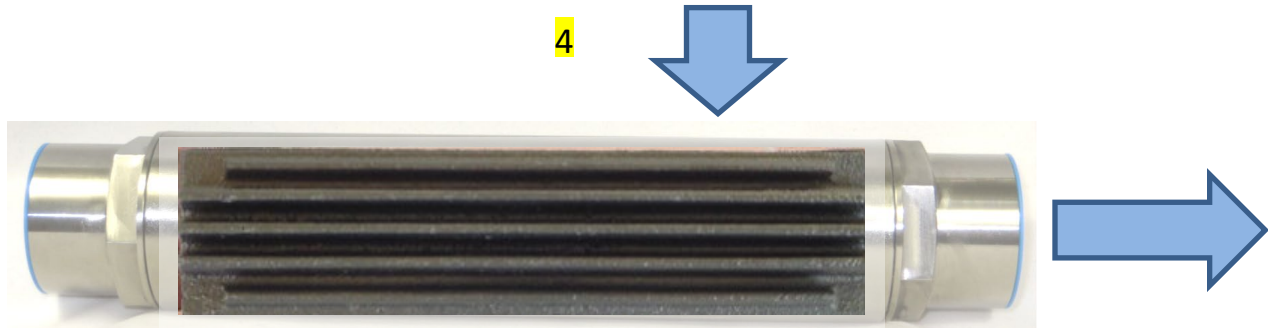


Inside ZYLYM™ Water Technology

Photo Below is of Cutaway View Showing ZYLYM™ Core

Calcium ions and carbonate ions that are naturally in most water sources (and that form the mineral calcium carbonate) go into the ZYLYM™ unit with the water flow.

Utilizing a combination of well-documented scientific processes, the ZYLYM™ core provides a lattice structure with millions of tiny sites. The specialized sites are specifically engineered so the calcium and carbonate ions are able to grow and to develop on these sites into a soft, spherical, non-scaly form of calcium carbonate micro crystal (less than a millionth of an inch in diameter at 0.0000006”).



2

ZYLYM™ is structured to cause a slight drop in water pressure (which changes various characteristics in the water) and to create water turbulence (which helps calcium and carbonate ions come into contact with the ZYLYM™ core).

Water surface tension is reduced (which contributes to the ability of ZYLYM™ water to effectively descale and penetrate through existing hard calcium carbonate deposits in equipment and in the soil).

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The water emerging from the unit is ZYLYM™ conditioned water, with a soft (instead of hard) form of calcium carbonate. Result: calcium carbonate build-up problems are prevented. The beneficial, softer, smoother, non-scaly calcium carbonate micro crystals cannot build up large, hard deposits in soil pores.