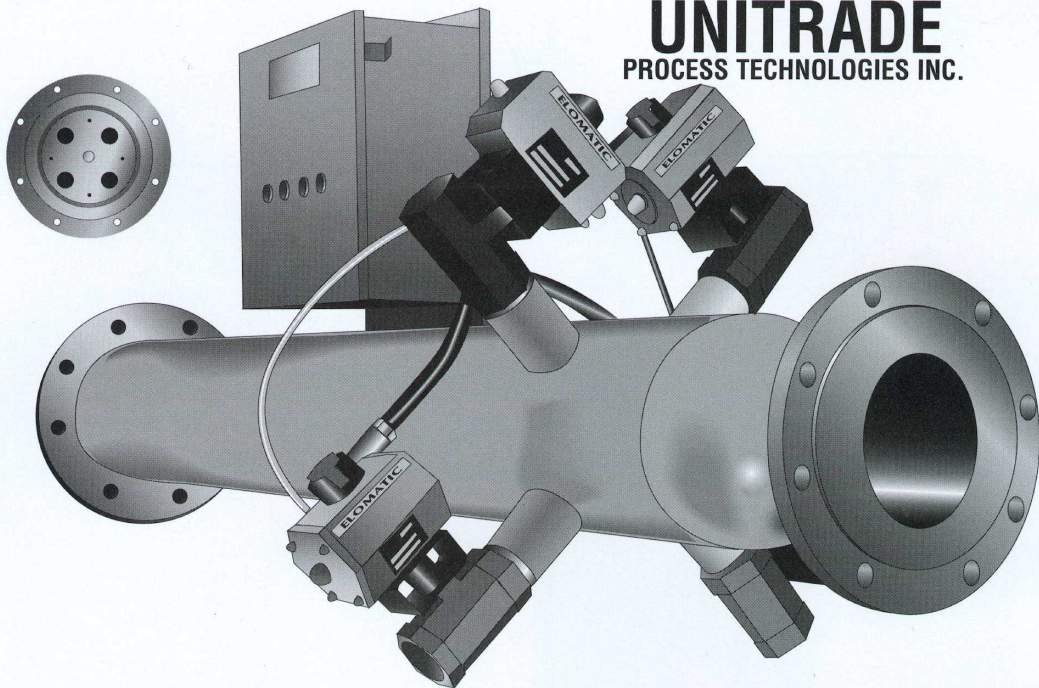


Uniflo® Jet Strainer

Self Cleaning



UNITRADE
PROCESS TECHNOLOGIES INC.



Application and General Features:

Process cooling water applications for removal of suspended solids and fibre particles in a range from 100-600 microns (150-30 mesh), depending on the system requirement for industrial cooling water systems. Applicable in "once through" or recycled systems.

Completely automatic, self cleaning and maintenance free. The Uniflo® strainer fits directly

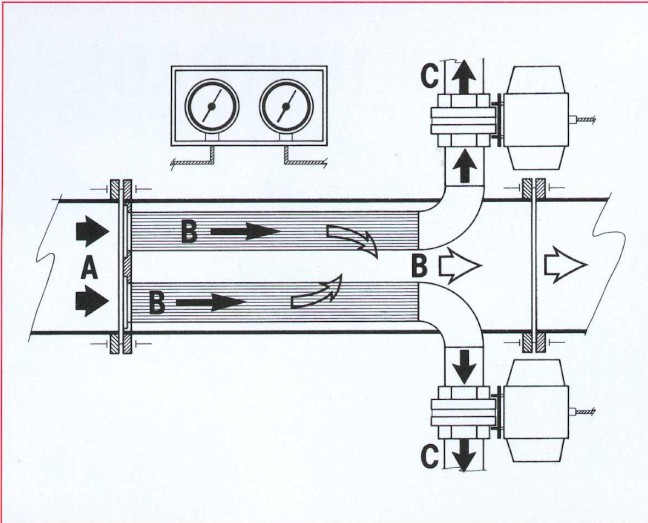
into the supply line down stream of a pumping system. The pressure drop across the Uniflo® strainer is about 1-2 psi.

The Uniflo® strainer is available in sizes capable of handling up to 30,000 GPM of water containing p.p.m. loadings varying from 100-10,000.

Available in both Stainless and Carbon steel.

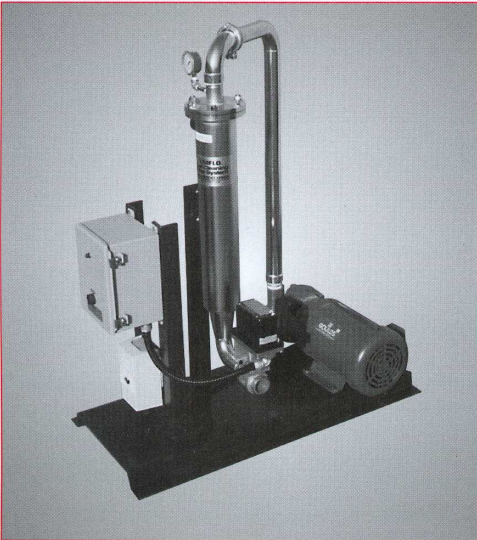
- Self-Cleaning
- Virtually maintenance free
- No internal moving parts
- No back flush requirements
- No system by-pass
- No filter media replacements
- Horizontal and vertical design

Construction and Mode of Operations:



UNIFLO® JET STRAINER

Arrow A shows dirty water entering the strainer, cleaned water leaves unit at B and the exit of filtrate during a flushing cycle at C. The Uniflo® Jet Strainer diagram showing basic construction and flow path. The fully automatic flush involves unfiltered water. There is no "backflush" necessary, i.e. no separate pumps or complicated valve system. Consumption of water for flushing purposes is approximately 1-2% of total flow with an inlet pressure of 30-70 psi (2-5 Bar).



All specifications and designs are subject to change without notice.

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