

# AUTOMATIC TUBE BRUSHING (ABS) SYSTEM FOR SHELL & TUBE HEAT EXCHANGERS

Now an affordable and short capital return solution is available for all types of Shell & Tube Heat Exchangers.  
For new or retrofitting to existing units

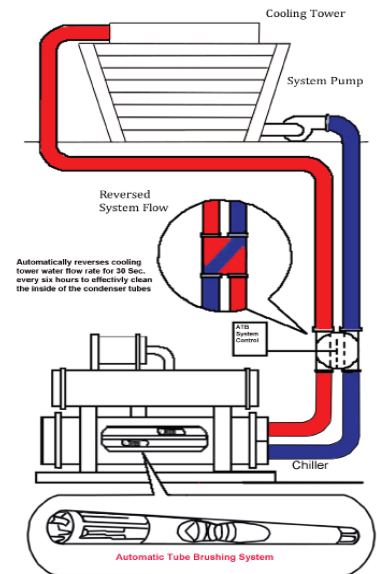
## OUR MANAGEMENT AIM

Our aim is to offer our clients experienced technical support for their Heat Exchanger on going cleaning requirements at significant cost savings.



## OUR EXPERIENCE

With over 30 years individual experience in a wide variety of industries including Industrial and Food industries.



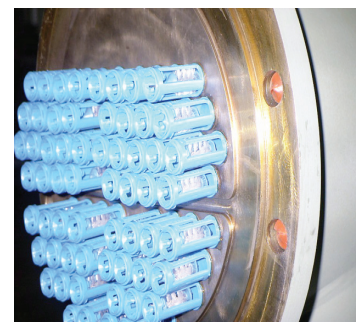
## PRODUCT DESCRIPTION

The ATB System automatically maintains tube fouling at or below design conditions without interrupting normal equipment operation.

The ATB System consists of a special nylon brush inserted in each tube and a low-pressure drop catch basket attached to each end of the tube.

A custom-made four-way reversing valve is installed to permit reversing the direction of water flow. The reversed water flow pushes the brush through the tube, removing tube deposits. The brush is caught in the opposite end basket and remains there until flow is reversed again in 30 seconds, thus repeating the process.

The frequency of the reversing cycle is set up to match job conditions (normally every six hours). The four-way reversing valve pneumatic (or electric) actuator is controlled by a pre-set time cycle that assures regular tube brushing during equipment operation.



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