

SpecialtyPlastics



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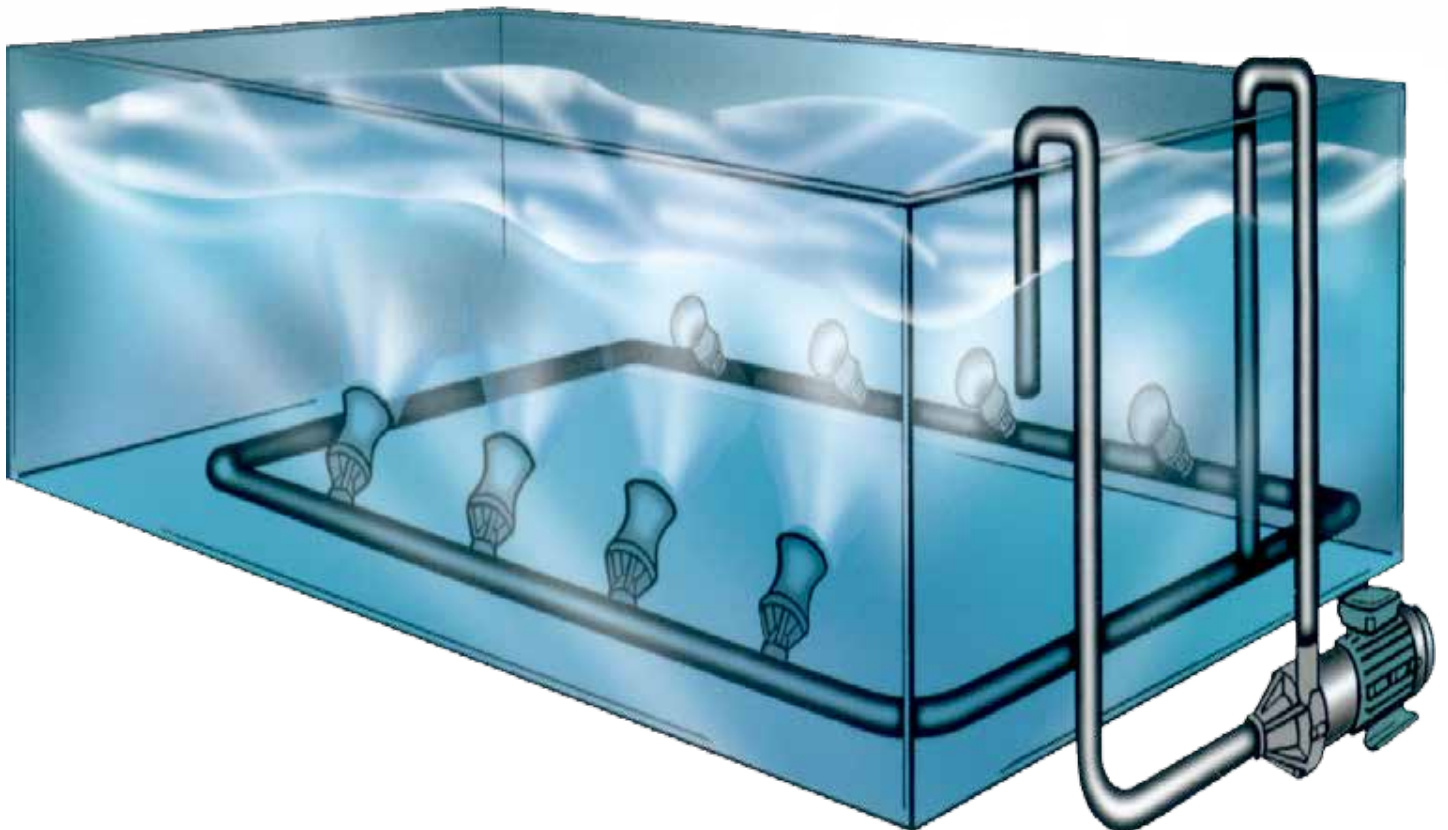
## Eductor Agitation



Cost Effective

Safer Environment

Efficient Agitation



Innovative AIR-LESS<sup>®</sup> eductor agitation for a safer working environment. Undoubtedly the most cost effective alternative to traditional air agitation.





# AIR-LESS® Educator Agitation System

## ELECTROPLATING / PCB PLATING

- ▶ For Nickel, Copper, Zinc, Chrome, Gold, Silver, and many other plating processes
- ▶ Increased effectiveness - agitation where you need it most; under the surface
- ▶ Reduction and elimination of surface air borne emissions – for a healthier environment
- ▶ Reduce heat loss and save energy and money
- ▶ Eliminate ingress of damaging dust, dirt & pollen particles

## METAL FINISHING

- ▶ Alkali Cleaners, Phosphate tanks, and Paint Strippers
- ▶ Improve cleaning/stripping with direct impingement scrubbing action
- ▶ Increase productivity with faster cleaning times
- ▶ Prevent sludge settlement for easier removal and filtration times

## STEEL AND AEROSPACE

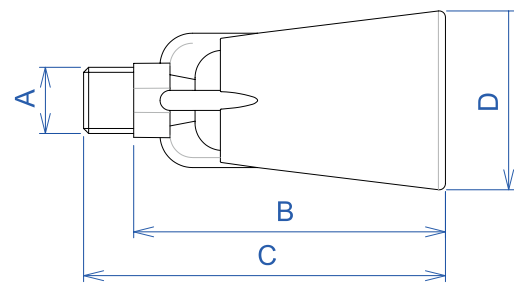
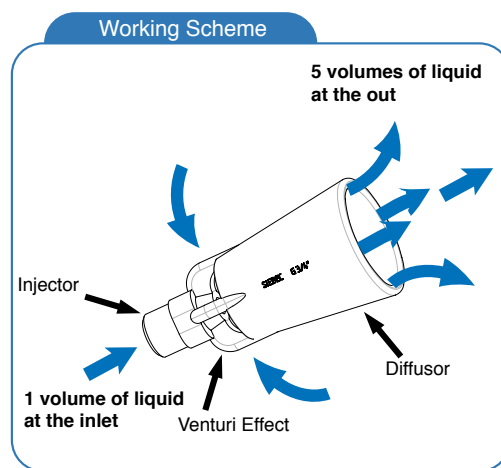
- ▶ Acid Pickling and Chemical Etch tanks
- ▶ For faster pickling/etching times with increased productivity
- ▶ Ensure consistent compliance with process spec
- ▶ Increase effectiveness of cold weather ambient Pickling
- ▶ Eliminate large tank 'dead zones'
- ▶ Maintain catalysts in suspension

## ALUMINIUM ANODISING

- ▶ Increase Anodising rate for more uniform coatings
- ▶ Ensure uniform temperature distribution for lower 'Chiller' Costs

## The Siebec Educator Nozzle

- ▶ Higher throat to discharge diameter
- ▶ Available in polypropylene, PVDF, Stainless Steel, PVC
- ▶ Male BSP thread
- ▶ High flow/low pressure drop
- ▶ Gives 1 to 5 input-output agitation



Type	Dimensions (mm)		
Diameter	Length C	Length B	Diam. D
1/4"	72	61	29
3/8"	96	81	40
3/4"	152	130	48
1 1/2"	202	176	53