

## BASKET FILTER SYSTEMS



### *Type of Treatment:*

Disposal of solid materials in suspension in liquids by filtration

### *Properties:*

- Min. untill to 10 micron particles, the amount of all
- The possibility of using high flow rates
- System is working to clean
- Maintenance and cleaning is easy
- With the automatic blowdown system is used for cleaning hands
- Extremely easy installation
- Filtration is thanks to the corrosion resistant stainless steel screens.

# COOLING TOWER FILTRATION SYSTEMS

## TECHNICAL INFORMATION

|                                      |  |
|--------------------------------------|--|
| <b>Capacity (m3/h)</b>               | High Capacity Technologies   |
| <b>Inlet/Outlet Dimensions</b>       | 2" (DN50) – 24" (DN600) , with PN16 DIN 2576 Flange Connection or BSP Threaded |
| <b>Discharge</b>                     | 1/2" (DN15) – 3" (DN80) , with PN16 DIN 2576 Flange Connection or BSP Threaded |
| <b>Filtration Degrees</b>            | Until to min.10 micron filtration  |
| <b>Min.Working Pressure</b>          | 3 bar (45 psi)<br>lower pressures can be produced according to the needs.      |
| <b>Max.Working Pressure</b>          | 10 bar (145 psi)<br>higher pressures can be produced according to the needs.   |
| <b>Pressure Drop</b>                 | Max. 1 bar (15 psi)  |
| <b>Max.Working Temperature</b>       | 80°C-100°C<br>higher temperatures can be produced according to the needs.      |
| <b>Body Material of Construction</b> | Carbon Steel with Epoxy Coated,<br>AISI304 and AISI 316 Stainless Steel        |
| <b>Screen Material</b>               | AISI304 and AISI 316 Stainless Steel   |



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## *Working Prensible;*

The suspension in water, wood, sawdust, etc. solids filter into the first input unit after entering the grade SS304 stainless steel micron screen meets the water. Crash the surface of the solid materials on the micron rating of the screen holds water. The output section of the water system purged of solid particles on go to the system. Solid particles remain in the screen. Screening by a staff member, depending on the pollution load cleaned with cleaning agents.

