We are distinguished as the most admired enterprises in this industry, offering a broad gamut of Glass Wiped Film Evaporator.

Wiped Film Evaporator is ideally suited to process hard-to-handle, heat-sensitive and viscous materials. These are just some of the many and varied products that are processed by WFEs.

PHARMACEUTICALS-Amino Acids, Alkaloids, Ascorbic Acid, Biochemical, Penicillin, Vitamin C and E, Steroid Derivatives

CHEMICALS Acid Chlorides - Amino Acids - Caprolactum

POLYMERS & RESINS-Epoxy resins, latex, synthetic rubber, polystyrene, phenolic resins, silicone polymers

FOOD-Tomato paste, fruit Nectars, chicken stock, fish protein, vanillin, corn syrup, whey, fruit juices, lecithin, marigold extract

FATS & OIL-Cotton seed oil, Dimer and trimer Acids, Edible Oils, Fatty Acids, glycerides, glycerin, resin acids, fatty amides

OTHER-Coal tar products, Lube oils, PTA, Catalyst concentration

This film evaporator is designed using quality assured material and progressive technology. Offered film evaporator can be modified in numerous technical specifications.

SAMIR SHAH (CEO)
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Website: www.udtechnologies.com
Call on: +91 704 33 313 44
### Salient Features - ROLLER WIPER SYSTEM

The roller wiped film system guarantees a uniform, laminar mixing of the thin film on the entire evaporator surface. Due to overlapping of the rollers and wiping on the unheated areas, so-called “dead-zones” are avoided. At the same time, the liquid thin film on the rollers is continuously renewed. This results in a very low residence time of the evaporating feed on the evaporator surface. Build-up or caking of material on the evaporator surface and on the rollers, which might happen with other wiping systems, is completely avoided with the UD designed roller wiped film system.

All contact Parts are Glass and PTFE to ensure minimum corrosion and degradation.

- Designed to carry out distillation at high vacuum
- Efficient condenser to condense all the vapors at high vacuum
- All Flameproof Electricals and Instrumentation
- Can be scaled up to 1.4 sq. mt and (larger on request)
- 2 Heat transfer area in Glass shell and PTFE Version
- SCADA Operating System - optional

#### Table:

<table>
<thead>
<tr>
<th>Evaporator Surface Area, M²</th>
<th>ATFE 301</th>
<th>ATFE 302</th>
<th>ATFE 401</th>
<th>ATFE 402</th>
<th>ATFE 601</th>
<th>ATFE 602</th>
<th>ATFE 901</th>
<th>ATFE 902</th>
<th>ATFE 1201</th>
<th>ATFE 1202</th>
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<tbody>
<tr>
<td></td>
<td>0.18</td>
<td>0.38</td>
<td>0.22</td>
<td>0.47</td>
<td>0.33</td>
<td>0.71</td>
<td>0.49</td>
<td>1.06</td>
<td>0.66</td>
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<tr>
<td>Total height, MM</td>
<td>3500</td>
<td>4300</td>
<td>3500</td>
<td>4300</td>
<td>3700</td>
<td>4500</td>
<td>3800</td>
<td>4600</td>
<td>3800</td>
<td>4700</td>
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<tr>
<td>Additional Required Height</td>
<td>1000</td>
<td>1600</td>
<td>1000</td>
<td>1600</td>
<td>1000</td>
<td>1600</td>
<td>1000</td>
<td>1600</td>
<td>1000</td>
<td>1600</td>
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<tr>
<td>(Disassembling and mounting Wiper Basket)</td>
<td>80</td>
<td>80</td>
<td>100</td>
<td>100</td>
<td>150</td>
<td>150</td>
<td>225</td>
<td>225</td>
<td>300</td>
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