



Falling Film Evaporators (FFE)





FFE Pipraich, India







Novel Distributor

Easy Maintenance

High Heat Transfer

Advantages

Range: From 150m² to 7500m²

- No Boiling Point Elevation
- Lower ∆T
- Low Residence Time
- Less Colour Formation
- Less Inversion Losses
- High OHTC



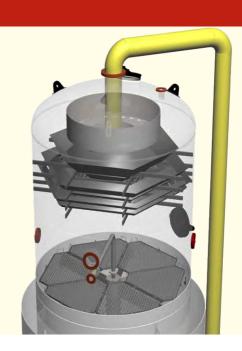


4 Nos. 6500 m² HSA FFE at Jawahar SSSK Ltd., Maharashtra, India

Salient Features

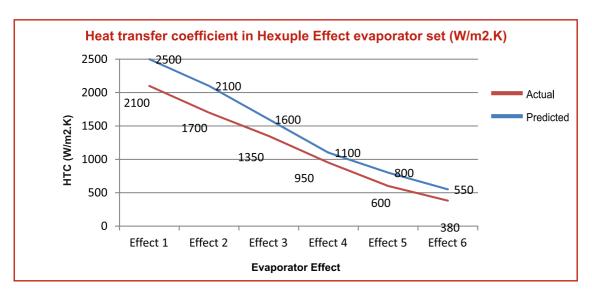
- Self-supporting Structure
- · Maintenance-friendly 5 Stage Cascade Type Inbuilt Juice Distributor
- Top Caps on each Tube
- Design Vetting rate 20-22 I/cm-h
- Sufficient headroom over top Tube Sheet for Easy Maintenance
- Fully Automated Operation
- · Mild Steel or Stainless Steel Construction







2500 TPD Standalone Refinery - Triple Effect Mill Concentrator Falling Film Evaporator at Durrah Advanced Development Company, Yanbu Port, Saudi Arabia





Certification of Registration of Design from the India Patent Office. Special Design of Entrainment Catcher in Falling Film Evaporators - Annular Polybaffle for Evaporators in Sugar Mills





Isgec FFE Installations (180⁺ Nos)

| | | 0 0 0 | |
|-------------------|--------------------------------|---|---------------|
| Heating Surface A | Area (m²) No. of FFE Installed | Sugar Plant Name | |
| 3500 | 4 | Agroaurora S.A.C | Peru |
| 3500 | 4 | Agrolmos | Peru |
| 3340 | 10 | White Nile Sugar | Sudan |
| 2600 | 1 | Savannah Sugar, (Dangote) | Nigeria |
| 1500 | 2 | Durrah Sugar Refinery | Saudi Arabia |
| 1200 | 2 | Agrolmos, S.A. | Peru |
| 1200 | 5 | White Nile Sugar | Sudan |
| 800 | 2 | Agrolmos S.A. | Peru |
| 800 | 1 | Durrah Sugar Refinery | Saudi Arabia |
| 350 | 2 | Ingenio Tala Refinery | Mexico |
| 7500 | | Y. M. Krishna SSK Ltd., | India |
| 6500 | 1 | Y. M. Krishna SSK Ltd., | India |
| 6500 | 3 | Jawahar SSK, Hupari | India |
| 6000 | 3 | Dalmia, Bharat Sugar, Jawaharpur | India |
| 6000 | | | |
| | 2 | Jawahar SSK, Hupari | India |
| 5700 | 6 | KPR Sugar, Karnataka | India |
| 5000 | 9 | DCM Shriram Ltd., Ajbapur | India |
| 5000 | 8 | Bindal Papers Mills Ltd. | India |
| 5000 | 5 | Shri Dutt India Pvt. Ltd. | India |
| 5000 | 2 | Swaraj India Agro Ltd., Maharashtra | India |
| 5000 | 2 | KPR Sugar, Karnataka | I ndia |
| 5000 | 1 | Narmada Sugar | India |
| 5000 | 1 | Rana Sugars Ltd. | India |
| 4700 | 2 | Shahukagal SSK | India |
| 4500 | 5 | Triveni Engineering & Industries Ltd., Deoband | India |
| 4500 | 1 | Daund Sugar | India |
| 4000 | 4 | Ajinkyatara SSK, Satara | India |
| 4000 | 1 | Venkateskripa Sugar Mills Ltd., Maharashtra | India |
| 3600 | 4 | Uttar Pradesh Cooperative Sugar, Munderwa | India |
| 3600 | 4 | Uttar Pradesh Cooperative Sugar, Pipraich | India |
| 3500 | 4 | Twenty One Sugar | India |
| 3500 | 4 | Belgaum Sugars Pvt. Ltd. | India |
| 3500 | 2 | Uttar Pradesh Cooperative Sugar, Pipraich | India |
| 3500 | _ 6 | DSCL Sugar, Hariawan | India |
| 3500 | 2 | Uttar Pradesh Cooperative Sugar, Munderwa | India |
| 3500 | 2 | Jaywant Sugars Ltd., Karad | India |
| 3300 | 1 | Saraswati Sugar Mills Ltd., Yamunanagar | India |
| 3000 | 4 | Prasad Sugar & Allied Product Ltd., Maharashtra | India |
| 3000 | 4 | KPR Sugar Mill Limited | India |
| 3000 | 2 | • | India |
| | 1 | Swaraj India Agro | |
| 3000 | • | Sar Senapati Ghorpade Sugar | India |
| 3000 | 5 | Dalmia Bharat Sugar, Nigohi | India |
| 3000 | 4 | Haryana Cooperative Sugar Ltd., Karnal | India |
| 2800 | 4 | Panchganga Sugar and Power Pvt. Ltd. | India |
| 2500 | 5 | Panchganga Sugar and Power Pvt. Ltd. | India |
| 2500 | 9 | Shiv Shakti Sugars Ltd., Belgaum, Karnataka | India |
| 2500 | 2 | Twenty One Sugar | India |
| 2500 | 1 | Uttar Pradesh Cooperative Sugar, Mohuiddinpur | India |
| 2300 | 4 | Belgaum Sugar | India |
| 2300 | 3 | Khatvmaan Agro Industries | I ndia |
| 2000 | 2 | KPR Sugar, Karnataka | India |
| 2000 | 2 | Bindal Paper Mills Ltd. | India |
| 2000 | 2 | Birajdaar Aayan Mills | India |
| 2000 | _ 1 | Baanganga | India |
| 1200 | 1 | Shahukagal SSK | India |
| 600 | 2 | Twenty One Sugar | India |
| | | , , | India |
| 500 | 2 | DSCL Sugar, Hariawan | inoia |

OTHER PRODUCTS

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