The BMA juice distributor optimizes falling-film evaporators

Only an optimum juice distributor can provide for a high heat transfer coefficient at a small differential temperature, a short residence time, and reduced juice colouration in a falling-film evaporator.

Benefits

- Uniform flow of juice to all evaporator tubes by three-stage distribution
- Uniform wetting of the inside tube surfaces is a basic requirement for falling-film evaporation
- No problems encountered even at high viscosities and high dry substance contents
- No incrustations in the distributor area
- Reduced residence time owing to small juice volume in the distributor
- Suited for both the beet and the cane sugar industry
- Suited for falling-film evaporators of any make
- Suited for any evaporator effect and any size of heating surface

Acknowledgements

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