



- ▶ FALLING FILM EVAPORATORS FROM VRL ARE COMPACT AND OCCUPY VERY LESS GROUND SPACE, REQUIRING NO HEAVY STRUCTURES AND PLATFORMS.
- ▶ UNIQUE FEATURE INVOLVES EFFECTIVE VAPOR DISTRIBUTION ACROSS THE CALENDRIA AND EFFICIENT WITHDRAWAL OF CONDENSATE AND NON-CONDENSABLE GASES FROM CALENDRIA.
- ▶ THESE EVAPORATORS OPERATE WITH VERY LOW TEMPERATURE GRADIENT BETWEEN HEATING VAPOR AND BODY TEMPERATURE.
- ▶ THE JUICE DISTRIBUTORS AT THE TOP OF THE FALLING FILM EVAPORATORS ARE UNIQUE IN DESIGN AND ENSURE ASSURED FLOW OF JUICE THROUGH EACH TUBE.
- ▶ PLC-SCADA OR DCS BASED AUTOMATION IS PROVIDED TO MAINTAIN REQUIRED RATE OF JUICE RECIRCULATION, WETTING ENTIRE INNER SURFACE OF TUBES, ELIMINATING SUGAR LOSSES DUE TO OVERHEATING OF JUICE.
- ▶ POLY BAFFLE TYPE ENTRAINMENT CATCHERS PROVIDED BETWEEN VAPOR FLASHING ZONE & VAPOR OUTLET FROM THE BODY ARE VERY EFFECTIVE IN ARRESTING CARRY-OVER OF JUICE PARTICLES ALONG WITH VAPOR.

