

Vacuum Evaporators



EWS energy efficient Vacuum Evaporators From 30 – 3000 litres per hour

- Operates at low negative pressure (30-80 mbar) to drop partial pressures and allow evaporation at lower temperatures.
- Runs at around 38-40 deg C for evaporation of water from mixed salt solution.
- Sealed unit and condenser means collection of liquid stream without gas emission.
- Energy usage 0.15kw litre treated
- Uses condensate and vacuum pump to generate & maintain the negative pressure in the "kettle".
- Built in discharge pump
- Doesn't need feed pump as draws feed solution under negative pressure.
- Batches down on time or density
- Separate circuit for heat generation and cooling
- Self contained unit with PLC and LCD display as standard

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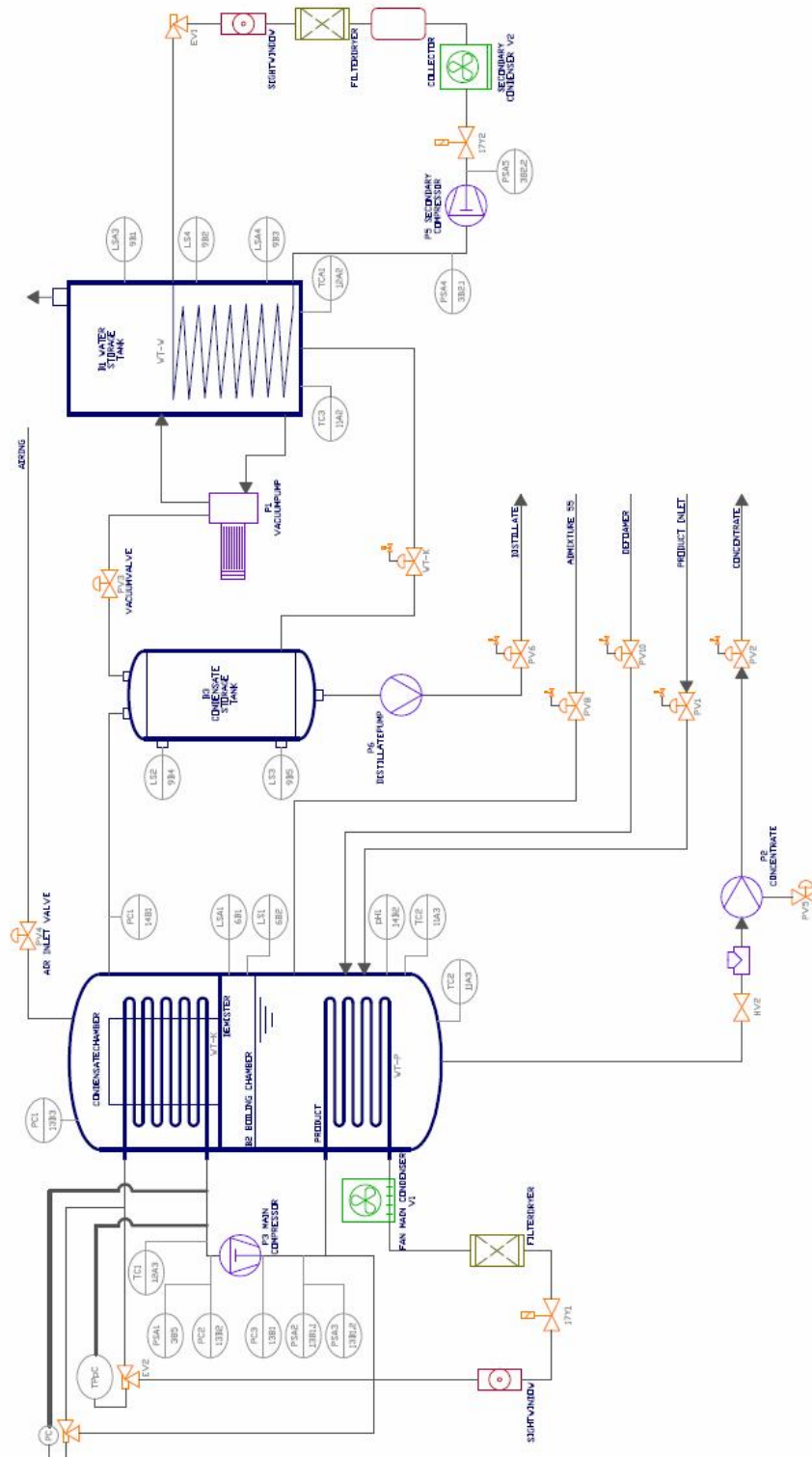


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Total Capability in Water Purification and Water Treatment



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Schematic



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