



Auric®

TECHNO SERVICES PVT. LTD.

SLUDGE DEWATRING

CAP

Polydilution Unit

This is a completely automatic unit for powder polyelectrolyte. All the metallic parts in AISI 304 / 316 stainless steel.

Polyelectrolyte from feed hopper passes through a lump breaker and via screw conveyor microdoser to a predilution unit where it is mixed with a controlled volume of water and enters a dilution tank equipped with a three bladed mechanical mixer. Then it passes through a dispersion tank which is also mechanically mixed and finally to an ageing and storage tank. The polyelectrolyte solution withdrawn from this tank by a dosing pump (optional).

When the contents in the ageing/storage tanks falls to a preset level, the water and polyelectrolyte feed are automatically restarted and are stopped when the tank is full. Sensors are provided for automatic operation and dosing pump protection.

Salient Features :

- Precise control of the polydilution process.
- Reduction in wastage of Polyelectrolyte and water
- Ease and comfortable in operation
- Minimal operator interference

Application Areas:

For use in Sludge thickening and dewatering in Municipal Waste Water Treatment and Effluent Treatment plants.



Our other products





Auric®

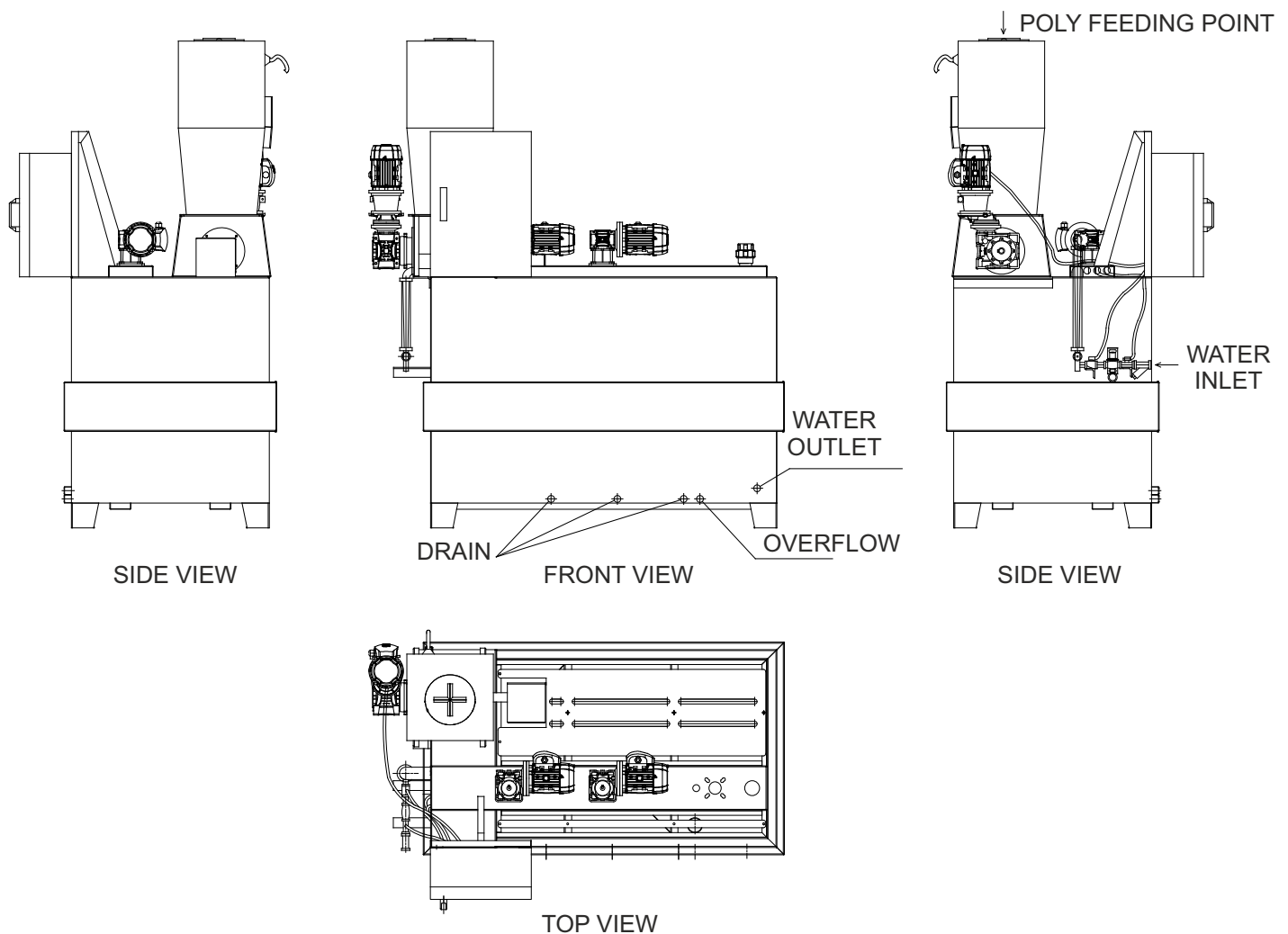
TECHNO SERVICES PVT. LTD.

SLUDGE DEWATRING

CAP

Model	Capacity(LPH)	Power kW
CAP07CE	750	0.43
CAP15CE	1500	0.54
CAP30CE	3000	2.38
CAP60CE	6000	2.78

Capacity is based on solution concentration of 0.1%



Our other products

