

Rame**ON**TM
E N E R G Y

Environment that Matters



About RAME:

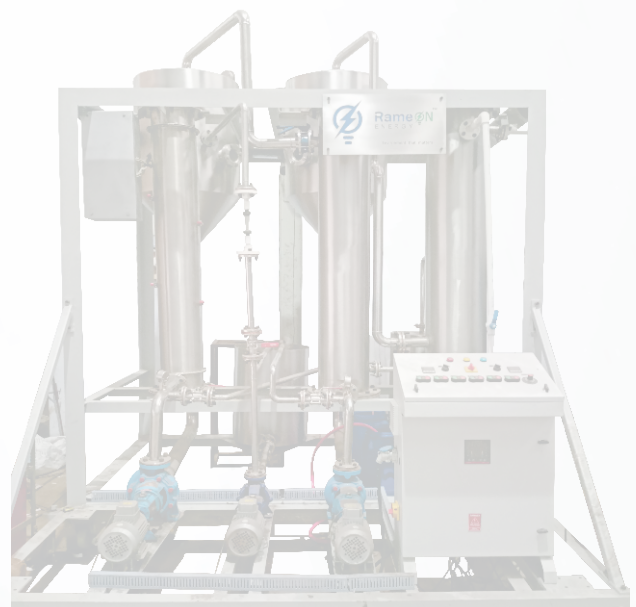
Renewable Advance multiple evaporation (RAME) is one of the most innovative and efficient technology for industrial waste water treatment.

Our evaporators are safe, clean and very versatile technology with low power and management cost that allow the recovery of high quality water.

Rame is different from other zero liquid discharge plants because it require electricity as a heating source instead of steam which reduce the cost of water treatment.

Application Area:

- ❖ RO reject water treatment
- ❖ Textile industries
- ❖ Milk industries
- ❖ Pharmaceutical industries
- ❖ Marine application
- ❖ Chemical industries
- ❖ Sugar companies
- ❖ Product Recovery Plant
- ❖ Perfume and Liquor Plant
- ❖ Beverage Industries





Rame Plant Specification

DESCRIPTION	Unit	100RFC	300RFC	500RFC	800RFC
Feed Rate	l/h	100	300	500	800
Water Evaporation Capacity	l/h	81	243	404	646
Concentrate Outlet Rate	l/h	19	57	96	154
Operating Temperature Around	°C	80°	85°	85°	90°
Total Solids in Concentrate Outlet	%	35% of initial TDS	35% of initial TDS	35% of initial TDS	35% of initial TDS
Solid Recover with 10% to 15% Moist.	Kg/h	5.25	14.7	24.85	39.90
Mother Liquor Recover- TDS- 35 %	l/h	5	15	25	40
Heating Power	Kwh	7.7	23.4	38.7	62
Main characteristic		Forced circulation	Forced circulation	Forced circulation	Forced circulation
Heat Exchanger Material	-	SS-304	SS-304,SS-316	SS-304,SS-316	SS-304,SS-316

Why RAME ?

Zero Liquid Discharge Project	Standard MEE	RAME
Boiler Requirement	✓	✗
DM Plant Requirement	✓	✗
High Noisy Operation	✓	✗
Easy to Use	✗	✓
Demo Trial Offered	✗	✓
Higher Investment Cost	✓	✗
Innovative Technology	✗	✓
Transparency	✗	✓
Environment Friendly Operation	✗	✓

Contact US

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