



## TRIDENT WATER SYSTEMS

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### ECR T-5 SPECIFICATION SHEET

**TRIDENT WATER SYSTEMS PRIVATE LIMITED**

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<b>Design Flow Rate</b>	<b>5 m3/hr</b>
<b>CHAMBER</b>	
Chamber Inlet	2" X 1#
Chamber Outlet	4" X 1#
Chamber Drain	2" X 1#
Air Inlet	1/4" X 1#
<b>ELECTRODES</b>	
No. of Electrodes	143
Electrode Material	Mild Steel (MS - ASTM A36) or Aluminium
Electrode Dimension (mm) L X W X T	200 X 600 X 3
MS Electrode Weight (kg / pc)	2.9
<b>POWER ELECTRODE</b>	
No. of Power Electrodes	2
Power Electrode Dimension (mm) L X W X T	200 X 800 X 3
Power Electrode Material	Same as electrode
MS Power Electrode Weight (kg/pc)	3.9
<b>ELECTRICAL PANEL</b>	
Electrical Panel Rating	100 A
Power Requirement	380 – 440V AC, 50Hz/60Hz, 3 phase
Panel Mounting	Skid Mounted
Panel Casing	IP55
<b>TOTAL UNIT</b>	
Total Unit Dimension (mm) L X W X H	2200 X 1500 X 2100
Total Working Dimension (mm)	3000 X 2500 X 3000
Unit Weight (kg)	1000
Operating Weight (kg)	1700
Total MS Blade Weight (kg)	423 kg

## Additional Items Required for Operation

- Working space and tools to carry out cleaning of blade guides and power blades.
- Tools to carry out blade changing and chamber cleaning operations.
- 4 bar air compressor for air scouring operations.
- Spare set of Electrodes.
- Overhead **sheltered** location.