



## Technical Specifications

### Electroconductive Moving Bed Membrane Bio Reactor Test Skid

#### Annexure I: Technical Specifications

SN	Parameter	Description
<b>1</b>	<b>Aeration Tank: 1 Unit</b>	
	MOC	SS 316/ Transparent Acrylic Sheets
	Capacity	10 L
	Drain/ Valve	required
<b>2</b>	<b>Diaphragm Blower: 1 Unit</b>	
	Type	Diaphragm type
	<b>Power</b>	<b>18W</b>
	Pressure	0.020MPa
	Output	38L/min Air
<b>3</b>	<b>Peristaltic Pump: 230V AC Single Phase: 1 Unit</b>	
	Stepper motor	2 Roller
	<b>min flow</b>	<b>14 mL/min</b>
	max flow:	450 mL/min
	Bidirectional control	Yes
<b>4</b>	<b>Diffuser: 2 Nos</b>	
	(3'-inch Air Oxygen Bubble Disk	3 inch
<b>5</b>	<b>Membrane Module/Cell: 1 Unit</b>	
	<b>MOC</b>	<b>Transparent Acrylic</b>
	Area	10 cm x 5 cm
<b>6</b>	<b>Anode Electrode: 1 Unit</b>	
	MOC	Iron
	Effective area	10 cm x 5 cm
<b>7</b>	<b>Cathode Electrode: 1 Unit</b>	
	<b>MOC</b>	<b>Stainless Steel</b>
	Effective area	10 cm x 5 cm
<b>8</b>	<b>DC Power Supply:1 Unit</b>	
	<b>Power Capacity</b>	<b>12/24 V and 0-12 A</b>
<b>9</b>	<b>Conductive media: 1 Lot</b>	
	Packing Density	0.20 (v/v)
<b>10</b>	<b>Interconnecting pipes and fittings</b>	





# AARVI ENERGY FILTRET & ENVIRONMENTAL SOLUTIONS

Regt. Address: Gat No. 869/4, A/P- Dugaon, Tal- Chandwad,  
Dist-Nashik-423104 (Maharashtra)

**Energize, Purify, Preserve**

GSTN: 27CECPJ9983H1ZY

	MOC	PU/PP
	Size	3/8" NB
<b>11</b>	<b>Permeate Tank: 1 Unit</b>	
	MOC	Transparent Acrylic
	Area	15 cm x 15 cm
	Size	3/8" NB

AARVI ENERGY FILTRET AND ENVIRONMENTAL SOLUTIONS

  
MANAGING DIRECTOR



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