

**HIJI®R.O.Plant**  
**Model: - HIJI-IRO-1000 LPH**  
**Per Day Capacity:-20000 Liter Max.**

**Technical Specification.**

**Capacity 1000 Liter/Hr**

<b>1</b>	<b>Raw Water pump</b>	
	Qty.	1 Nos.
	Capacity	1000 LPH
	Discharge Pressure	2.5 Kg/cm <sup>2</sup>
	Type	Mono Block / Mono Set ( As per required)
	Make	Lubi
	Power Consumption	1.0 HP / 0.5 HP (By Customer Side)
<b>2</b>	<b>Pressure Sand Filter</b>	
	Qty.	1 Nos.
	Type	Vertical Pressure Vessel
	Dia	13 Inch
	Height	54 Inch
	MOC	Poly Glass
	Filter Media	Silica Quartz Sand with Gravels & Pebbles
	Make	Pentair
Multi Port Valve	1 No.	
<b>3</b>	<b>Activated Carbon Filter</b>	
	Qty.	1 Nos.
	Type	Vertical Pressure Vessel
	Dia	13Inch
	Height	54 Inch
	MOC	Poly Glass
	Filter Media	Highly Activated Carbon
	Make	Pentair
Multi Port Valve	1 No.	
<b>4</b>	<b>Pre Micron Cartridge Filter</b>	
	Qty.	2 Nos.
	Type	Replaceable Cartridge
	MOC Of Cartridge	Polypropylene
	MOC Of Housing	Polycarbonate
	Micron Size	5.0 Micron / 1.0 Micron
	Operating Pressure	2.5 Kg/cm <sup>2</sup>

<b>5 Special Anti scaling Dosing System</b>		
Quantity Offered	1No Of Dosing Pump	
Type	Electronic Diaphragm Type Dosing Pump	
Flow Rate	0-6 LPH	
Operating Pressure	1.5 Kg/ cm <sup>2</sup>	
Make	M/s E-Dose	
HDPE Tank Size	100Liter (Customer Side)	
<b>6 High Pressure Pump</b>		
Type	Vertical Centrifugal Multi-Stage type.	
Capacity	2500 PLH	
MOC	SS	
Type of Drive	1Phase /3 Phase Squirrel cage Induction Motor	
Power Consumption	4.0 HP	
Make	Lubi	
Pressure	12-15 Kg/Cm <sup>2</sup>	
<b>7 R.O. Module</b>		
Item	R.O. Module with FRP Pressure tubes & R.O. Membrane	
Type Of Membrane	Thin Film Composite Polyamide Spirally Wounded	
Operating Pressure	12-15 Kg/cm <sup>2</sup>	
Make of Membrane	M/s. CSM	
No of Membrane	4 Nos Size:- 40*40	
MOC of Pressure Housing	FRP	
Make of pressure Housing	Pentair	

# Instrumentation

# 1000 LPH

<b>A</b>	<b>Flow Indicator</b>	
	Qty.	2 Nos.
	Type	Float Type Panel Mounted
	Max. Opera. Temp.	40 Degree
	Measuring Points	R.O. Module Product & Reject Water Flow
<b>B</b>	<b>Pressure Gauge</b>	
	Qty.	5 Nos.
	Range	0-20 Kg/Cm2
	Location	(1) R.O. Module Inlet (2) R.O. Module Reject Flow
<b>C</b>	<b>High Pressure Switch</b>	
	Qty	1 Nos.
	Location	After High Pressure Pump
<b>D</b>	<b>Pressure control Valve</b>	
	Location	Reject water line
	Nos.	1 Nos.
<b>E</b>	<b>PLC Based Electronic Control Panel with Indicators, Water Level Sensor &amp; On-Off Switch</b>	
<b>F</b>	<b>SS Box Pipe Frame</b>	
<b>G</b>	<b>High Grade U-PVC Piping Astral</b>	

## Price, Warranty, Term & Condition

**Price:** - Our price for Design, Engineering and Supply of Proposed Water Treatment System based on R.O. System as,

Sr.	Description	Qty.	Amount
1	Model:- <b>HIJI-IRO-1000</b> Capacity <b>1000 Liter/Hr</b> <b>20000 Liter/Day</b>	1	

**Warranty:** -The R.O. System supplied is warranted for a period of 12 months from the date of purchase against defective workmanship or poor performance of the system by Dealer.

### **Terms & Condition:-**

- Warranty & Service is provided by the Company.
- Payment 50%Advanced with Purchase Order, 40% at the time of Delivery & 10% on Installation Day.
- Delivery with in 20-25 Days from the date of purchase Order.
- Delivery by Customer Side.
- All the applicable taxes will be charged extra.
- Goods once Sold can not be taken back in any conditions.
- All extra Piping, Storage tank & all other accessories by customer side