

HIJI® R.O.Plant
Model: - HIJI-IRO-500 LPH
Per Day Capacity:-10000 Liter Max.

Technical Specification.

Capacity 500 Liter/Hr

1	Raw Water pump	
	Qty.	1 Nos.
	Capacity	3000 LPH
	Discharge Pressure	2.5 Kg/cm ²
	Type	Mono Block / Mono Set (As per required)
	Make	Lubi
	Power Consumption	0.5 HP (By Customer Side)
2	Pressure Sand Filter	
	Qty.	1 Nos.
	Type	Vertical Pressure Vessel
	Dia	10 Inch
	Height	54 Inch
	MOC	FRP
	Filter Media	Silica Quartz Sand with Gravels & Pebbles
	Make	Pentair .
Multi Port Valve	1 No.	
3	Activated Carbon Filter	
	Qty.	1 Nos.
	Type	Vertical Pressure Vessel
	Dia	10 Inch
	Height	54 Inch
	MOC	FRP
	Filter Media	Highly Activated Carbon
	Make	Pentair.
Multi Port Valve	1 No.	
4	Pre Micron Cartridge Filter	
	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 ²

5 Special Anti scaling Dosing System		
Quantity Offered	1No Of Dosing Pump	
Type	Electronic Diaphragm Type Dosing Pump	
Flow Rate	0-6 LPH	
Operating Pressure	1.5 Kg/ cm ²	
Make	E-Dose/ Positive	
HDPE Tank Size	100Liter (Customer Side)	
6 High Pressure Pump		
Type	Vertical Centrifugal Multi-Stage type.	
Capacity	1500 PLH	
MOC	SS	
Type of Drive	1Phase /3 Phase Squirrel cage Induction Motor	
Power Consumption	2.5 HP	
Make	Lubi	
Pressure	12-15 Kg/Cm ²	
7 R.O. Module		
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 ²	
Make of Membrane	M/s CSM	
No of Membrane	2 Nos Size:- 40*40	
MOC of Pressure Housing	FRP	
Make of pressure Housing	Pentair	

Instrumentation

500 LPH

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

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:- HIJI-IRO-500 Capacity 500 Liter/Hr 10000 Liter/Day	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 Dealer.
- Payment 50%Advanced with Purchase Order, 40% at the time of Delivery & 10% on Installation Day.
- Delivery with in 15-20 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