

INDION[®] LAMPAK

Water, is a precious natural resource and clean drinking water is a basic necessity of life. Acute shortage and contamination of water in rural areas has always been a concern. At Ion Exchange, we have developed INDION Lampak which meets the community drinking water requirement.

INDION Lampak is a compact unit consisting of pump, static mixer, flocculator, lamella clarifier, gravity sand filter and chemical dosing systems. It produces disinfected drinking water with < 5 mg/l TSS from feed water containing 500 mg/l of TSS. Best suited for community use, it can also be used for variety of industrial applications.

Features

- Modular construction accommodates all equipments in a single floor mounted unit
- Easy to operate and requires minimum maintenance
- Can be operated on diesel generator or on alternate renewable energy source. Thus, the unit can be operated in areas which does not have electricity supply
- Minimum building space requirement and height clearance
- Easy to transport and restart
- Minimum projected effective settling area (PESA) per sq. ft. of plate area due to unique hydraulic distribution and collection arrangement
- Individual lamella plates can be removed easily for inspection and maintenance by a single operator without shutting down of the unit
- Light weight corrosion resistant material used for the plates. No 'plate pack' type frame required



Technical Specifications

System Description	INDION LAMPAK - 10	INDION LAMPAK - 25
Average Product Flow (m ³ /h)	10	25
Flocculation Tank		
Material of Construction	MSEP	MSEP
Flocculator	Flat Paddle type	Flat Paddle type
Quantity/HP	1 No / 0.33	2 Nos. / 0.33
Lamella Clarifier		
Quantity	1	2
Size (mm) L x W x H	1220 x 2000 x 1500	1220 x 2000 x 1500
Gravity Sand Filter		
Size (mm) L x W x H	750 x 2000 x 1500	3000 x 2000 x 1500
Feed Inlet (mm)	100	100
Product Outlet (mm)	100	150
Drain (mm)	50	100
Overall System Dimensions		
Length x Width x Height (mm)	3670 x 2200 x 1600	9690 x 2200 x 1600
Shipping Weight (tons)	3	4
Power Supply	415 V, 50Hz	415 V, 50Hz

To the best of our knowledge the information contained in this publication is accurate. Ion Exchange (India) Ltd. maintains a policy of continuous development and reserves the right to amend the information given herein without notice.

INDION[®] is the registered trademark of Ion Exchange (India) Ltd.



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