

Wedge Wire Header and Hub Lateral Assemblies

"Wedge Wire, A good solution for filtering and screening industries"

Wedge wire lateral assemblies also called header and hub lateral assemblies, are assemblies of horizontal herring bone style wedge wire screen laterals and vertical secured round hub. The screen lateral has an inherent even pattern, which is made of stainless steel, Hastelloy alloy steel, and other alloy steels.

The lateral Water Distributor system is designed for effective media retention in a wide range of applications. Connected to either a central header pipe or hub, these assemblies consist of a series of screen laterals which allow a uniform collection and / or distribution through treatment media.



They easily accommodate a wide variety of vessel sizes and shapes with side-, center-, top- or bottom-inlet piping, and can be designed to handle flow in any direction.

Wedge wire lateral assemblies are made of several wedge wire screen laterals and supporting round hub.

The connection types of lateral assemblies including thread connection and flange connection.



Hub radial lateral is another type of lateral assemblies. It is composed of several screen laterals and a central hub.

(thread connection and flange connection)



Note: The Header and Hub radial lateral assemblies, quantity, size, lengths, and assemblies diameter, can be customized.

Specifications :

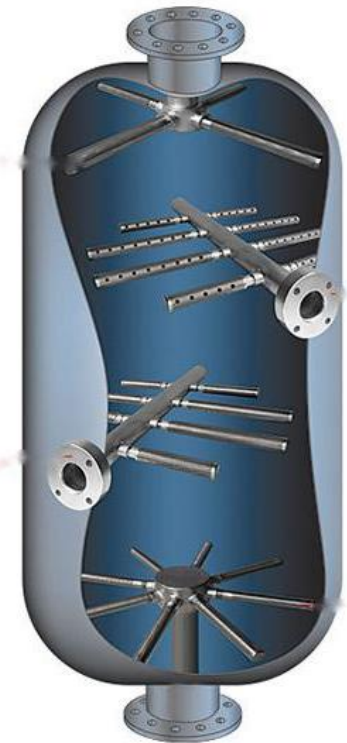
Material	SS304, SS304L, SS316, SS316L, SS321, 904, C276, 2205, 2207, Duplex, Hastelloy, etc		
Normal Lateral Tube QTY (PCS)	4, 6, 8, 12,16, etc. According to request, actual flow rating, and application.		
Lateral OD Range (mm)	25 to 80mm, customized		
Normal Hub (mm)	108, 133, 219, Customized		
Hub and lateral connector types	Thread, Flange		
Diameter Range(mm)	According to the tank diameter. (Usually 200mm shorter than tank diameter)		
Slot Range(mm)	Normal slot 0.2, 0.25, 0.3, 0.35, 0.4mm. Slot according to request.		
Wedge Wire(mm)	1x2	1.5x2	2x3

Support Rod (mm)	1.5x2.5 2x3	1.8x2.5 2x3	2x3 2x4
Note	Customized According To Requirement		

Applications :

Wedge wire lateral assemblies is widely used in under draining applications for filtering and screening, additional, it is widely used in various machines for screening.

- * Cation exchanger
- * Mixed bed exchanger
- * Ion exchanger
- * Under draining filtration





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