

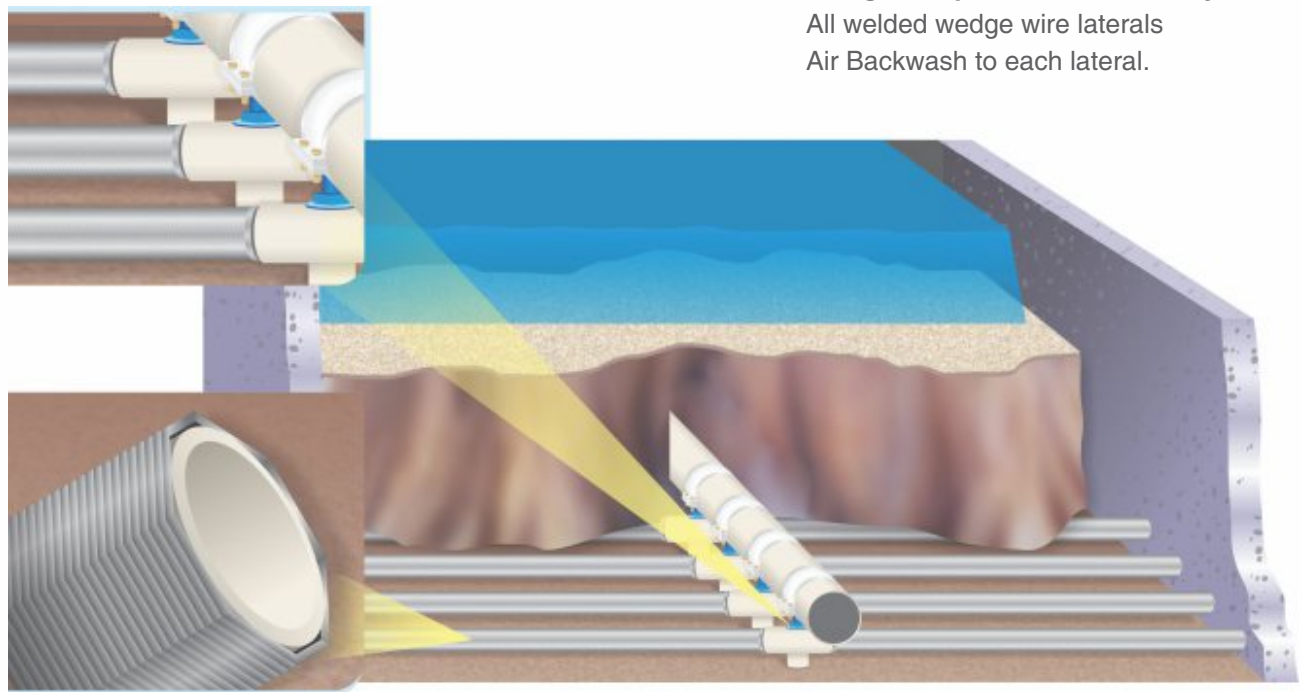
UNDER DRAIN SYSTEM

The Apollo Under Drain system is based on Header-lateral design. The laterals are manufactured from all welded wedge wire screens fitted with internal uPVC distributor pipes.

The unique design of the welded wedge wire screen provides uniform collection during the filtration cycle and uniform distribution during backwash is achieved with the internal PVC pipe.

The all welded wedge wire screen has small aperture and coupled with the smooth surface, allows the sand (filter media) to be directly retained without the need for a gravel layer.

Proven Technology and proven product for new and old filter plants



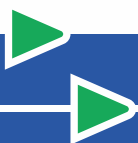
Design of Apollo Under Drain Systems

All welded wedge wire laterals

Air Backwash to each lateral.

Apollo Screens; a company established in 2013 by the APOLLO GROUP, a renowned engineering house combining its engineering expertise with long term vision, ethical business approach and a global team of experts in design and manufacture of wedge wire screens for a wide range of applications.

Apollo Screen manufacturing facility : The plant & critical equipment for Apollo screens has been designed and built by the Apollo group's designers and engineers. The plant is equipped with state of the art screen fabrication technology to produce finest quality wedge wire screens with accuracy of wire drawing facility to achieve the highest product quality.

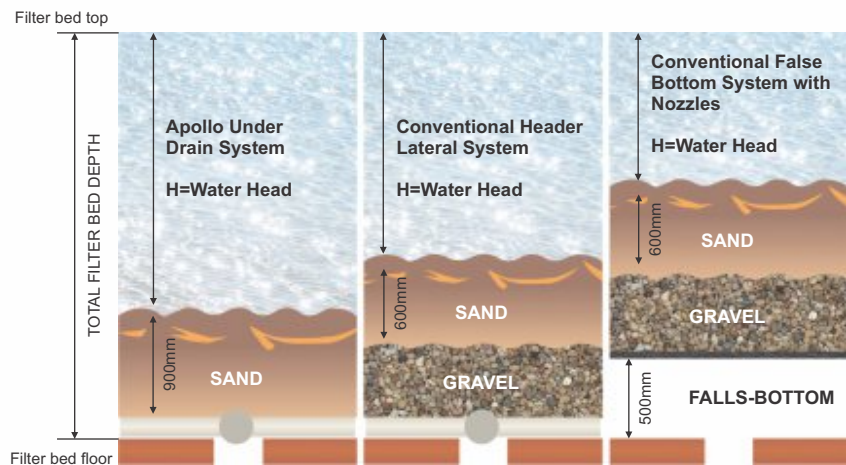


Comparison of Apollo Under drain system and other systems

The Apollo Under drain system is design to optimize filter bed performance, ensuring years of uninterrupted service. Due to the direct media retention possible with the Apollo Under drain system, typical problems such as mud ball formation, media loss, upset beds and non-uniform washing are all but eliminated.

Cost benefits of Apollo Under Drain System

- Removing support gravel offers higher capacity for each filter resulting in fewer beds required to achieve plant capacity.
- Fewer beds mean reduced construction costs of the plant.
- Savings in equipment requirement – e.g. pipes and valves
- Reduced wash water volume
- Reduced power consumption
- Lower media costs – no support gravel required
- Major down time eliminated as bed upsets are eliminated.



Features and Benefits of system

- Welded wire screen apertures as small as 0.15 mm allows direct retention of media.
- Removal of support gravel layer means reduced head loss of filter bed.
- All welded wedge wire construction provides larger open area and reduced slot entrance velocity.
- Increased open area enables higher flow rate and increased filter capacity.
- Elimination of support gravel allows increased media bed depth and more effective treatment.
- Air / water backwash is unique to each lateral, resulting in uniform backwash of the entire bed.
- More vigorous backwashing possible, resulting in cleaner bed and extended cycle times.
- Entire system is made of Stainless steel/ uPVC.

Apollo
screens
Apollo Screens Private Limited

TUV
INDIA
ISO 9001 Certified

Registered office & works :

Plot No: B-8 & 9, Dharti Apollo Industrial Park,
Kadi Road Post & Village - Chatral, Taluka - Kalol,
Dist.- Gandhinagar (382729) Ahmedabad, Gujarat, India.
Phone : +91 79 26444597, 26564705
Email : info@apolloscreens.com

Mumbai Office :

212, New India Estate, 33, Mahal Industrial Area,
Off Mahakali Caves Road, Andheri (East),
Mumbai - 400093. INDIA.
Phone : +91 22 26879301 Fax : +91 22 26879305
Email : mumbaioffice@apolloscreens.com

website: www.apolloscreens.com