FILTER NOZZLES

Technical Data

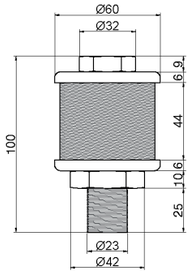
NOZZLE SPECIFICATION			
TYPE	**NYLON**	**SS304**	**SS316**
Fitting size *	F16 = 3/4" NPT	F16 = 3/4" NPT	F16 = 3/4" NPT
		F25 = 1" NPT	F25 = 1" NPT
Fitting Type	Thread	Thread	Thread
Fitting Material	NYLON	SS 304	SS 316
CAP Material	NYLON	SS 304	SS 316
Bolt Material	NYLON	SS 304	SS 316
Screen Diameter *)	OD = 60 mm	OD = 48 mm atau 60 mm	OD = 48 mm atau 60 mm
Screen Length *)	50 mm	50mm	50mm
Screen Material	LC or SS 304 or SS 316	SS 304	SS 316
Overall Length	100 mm	90 mm	90 mm
Slot Size *)	0.20 mm (ukuran lain tersedia sesuai pesanan)		
Suggested Max. Collection Flow per Nozzle	2000 lit/hour		
Suggested Min. Backwash Flow per Nozzle	3000 lit/hour		
Collapse Press	20 Bar	30 Bar	30 Bar
Burst Press	20 Bar	30 Bar	30 Bar
Max Temperature	120° celcius	300° celcius	300° celcius
Melting Temperature	240° celcius	700° celcius	700° celcius
Packaging Dimension L x W x H	6cm x 6cm x 10cm	6cm x 6cm x 10cm	6cm x 6cm x 10cm
Weight	220 gr	300 gr	300 gr

** Other size available on demand*

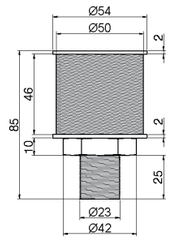
NYLON CAP

SCREEN ONLY

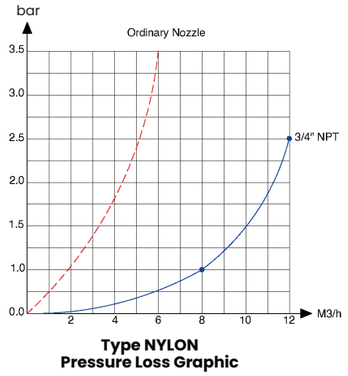
ALL STAINLESS



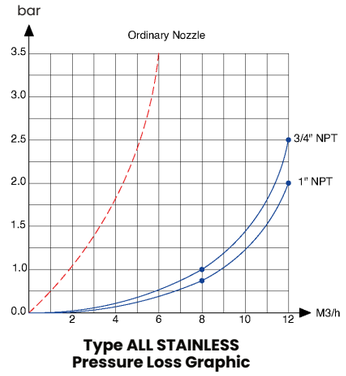
NYLON CAP



ALL STAINLESS



Type NYLON
Pressure Loss Graphic



Type ALL STAINLESS
Pressure Loss Graphic

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Johnson Screens

FILTER NOZZLES

Fine Screening and Filtration

Our innovative nozzles empower you to make the most efficient use of treatment media, leading to enhanced results across various applications. Whether it's collectors and distributors meticulously installed across a plate or seamlessly integrated into a header lateral arrangement, or you require them for demineralizers, water softeners, pressure filters, or gravity sand filters, our nozzles deliver unparalleled performance.

PRODUCT FEATURES:

- High Pressure
- High temperature
- Low Pressure loss
- Higher production rate
- Energy saving

Johnson Screens

NYLON CAP

SCREEN ONLY

ALL STAINLESS

UNDER DRAIN

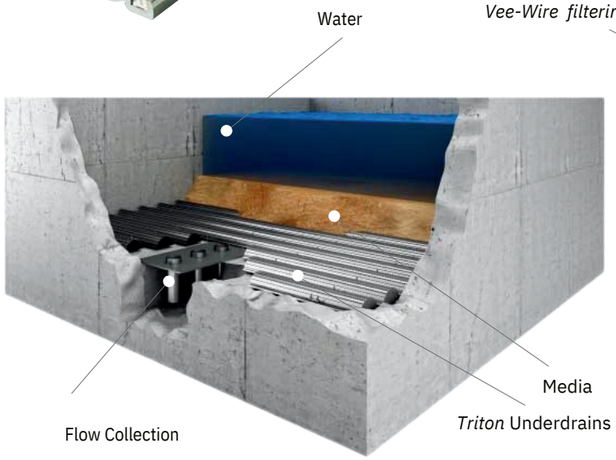
Exceptional Performance Filter

Triton Underdrains' exceptional performance as a filter underdrain system utilises Johnson's world renowned Vee-Wire® screen technology and our wealth of filtration technology experience.

PRODUCT FEATURES:

- Smooth robust plug-free retention surface.
- Covers the entire filter area
- Direct retention of filter media
- Slot opening to suit various filter media sizes
- Effective washing (air/water)
- Low initial headloss
- Several layers of filter media may be used without risk.
- Lower through slot velocity compared to nozzles reduces the possibility of fines breakthrough
- Reduced number of backwash cycles, resulting in higher production (m3/m2)

Johnson Screens



CUSTOM MADE:

ALL SCREENS ARE AVAILABLE IN CUSTOM DESIGN, SIZES AND MATERIAL REQUESTED TO SUIT YOUR NEEDS

Johnson Screens

HEADER LATERAL

Effective Distribution and Collection

Header lateral systems consist of a series of screen laterals attached to either a central header or hub. The assemblies allow process engineers to design for uniform flow through the treatment media at a wider range of rates and for a variety of vessel sizes and shapes.

Lateral spacing, length diameter and slot opening size are based on individual system needs. Slot sizes can be any width from 0.002 inches and up in 0.001 inch increments. Laterals can be as small as 0.75 inches in diameter or larger. The number and spacing of the laterals can also be varied.

PRODUCT FEATURES:

- Type 304 stainless steel
- Laterals can attach to headers or hubs
- Custom solutions are also available.

RESIN TRAP

Capture Media Particles of Any Size

A resin trap is a safety device used on the overflow lines of ion exchange units, high-purity water system and activated carbon and media filters. In many system , a value failure can allow media to escape from the treatment vessel. Not only is the loss of expensive media significant , but damage can easily occur to downstream pumping equipment. Johnson's resin traps , placed inline , provide positive protection. The traps can be designed to capture media particles of any size.

PRODUCT FEATURES:

- Prevents expensive resin/media loss
- Protects downstream pumping
- Allowing traps to capture media particles of any size
- Stainless steel construction
- Various option sizes , shapes and connections , depending on process flow characteristics
- Designed for full system pressure.

Johnson Screens