



PRODUCT SPECIFICATION

FILTRATION

MANUAL SCREEN FILTER - SERIES 1000

Odis series 1000 are mainly used as a Control filter in agricultural applications and filtering small quantities of water impurities.

FEATURES

- Series 1000 has a horizontal side inlet and bottom vertical outlet
- Mainly used as a control filter in agriculture
- Filter sizes available: 40mm, 50mm Short Body and 50mm Long Body
- Four mesh sizes available - 40mesh, 60mesh, 80mesh and 120mesh
- Each filter is equipped with a drain valve located at the bottom of the filter
- Cover can be easily removed for servicing and cleaning
- Other mesh sizes available on request

APPLICATIONS

- Primary filtration for clean ground water
- Secondary filtration for Media Filter batteries and Sand Separators

SPECIFICATIONS

Recommended Flow Range:	250lpm - 500lpm
Maximum recommended working pressure:	800kPa
Maximum pressure:	1000kPa
End Connection Type:	Threaded
Installation:	Vertical



MODELS	CODE
40mm Flow Range: Up to 250lpm	
40mm Vertical screen filter body only	OD1115
40mm Vertical screen filter with Stainless Steel screen complete (please specify mesh size required)	OD1115-XXX
Stainless Steel mesh replacement screen (40,60,80 &120)	ODE000401/XXX
50mm Short Body Flow Range: Up to 383lpm	
50mm Vertical screen filter short body only	OD1220
50mm Vertical screen filter with Stainless Steel screen complete (please specify mesh size required)	OD1220-XXX
Stainless Steel mesh replacement screen (40,60,80 &120)	ODE000411/XXX
50mm Long Body Flow Range: Up to 500lpm	
50mm Vertical screen filter long body only	OD1320
50mm Vertical screen filter with Stainless Steel screen complete (please specify mesh size required)	OD1320-XXX
Stainless Steel mesh replacement screen (40,60,80 &120)	ODE000412/XXX

FILTRATION_OD1000_V1.05-20

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PRODUCT SPECIFICATION

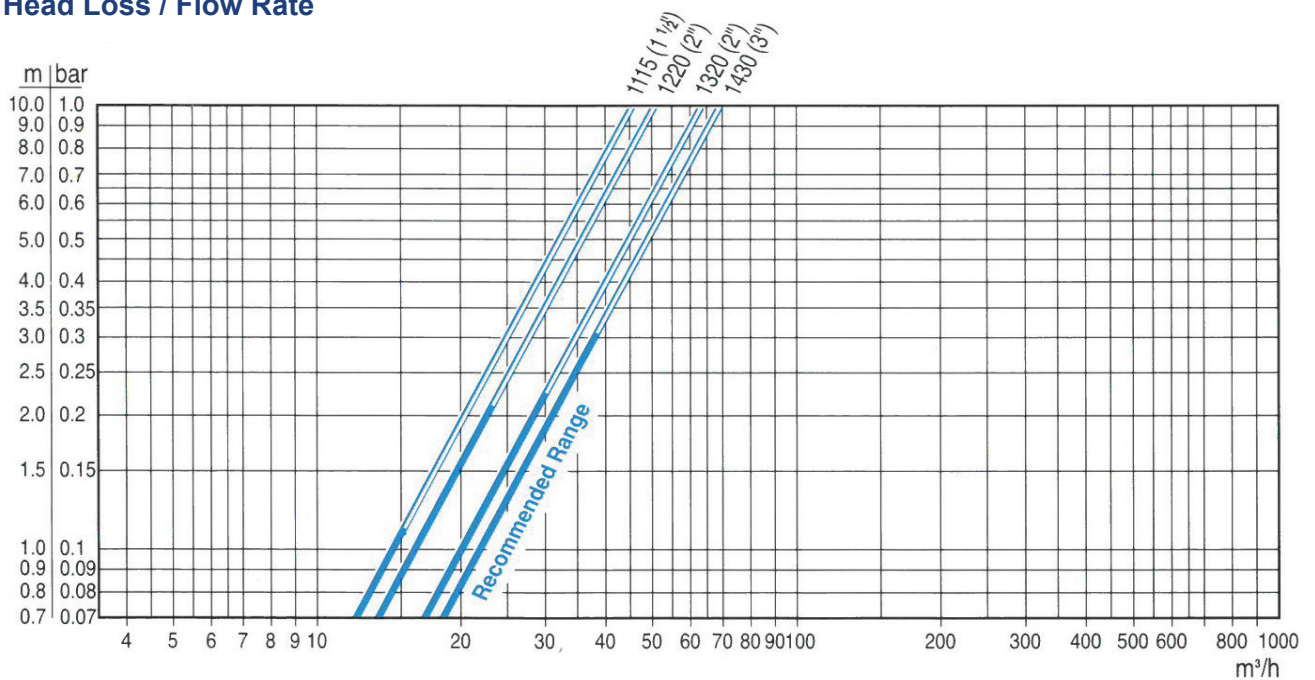
FILTRATION

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Head Loss

Model	Flow Rate Q (m ³ /h)										
	10	15	20	25	30	35	40	45	50	60	70
	Head Loss dP (bar)										
1115	0.05	0.11	0.20	0.31	0.44	0.60	0.79	1.00	1.23		
1220	0.04	0.09	0.16	0.25	0.36	0.49	0.64	0.81	1.00	1.44	
1320		0.06	0.10	0.16	0.23	0.32	0.42	0.53	0.65	0.94	1.27
1430		0.05	0.09	0.14	0.20	0.27	0.36	0.45	0.56	0.80	1.09

Head Loss / Flow Rate



★★ For a clean filter and 120 mesh screen.
 ■ 1 bar=100 kPa=1.02 kg/cm²=10.2 m (W.C)=14.5 psi

Mesh Sizing Chart											
Micron	841	400	297	250	177	149	125	105	88	74	63
Mesh	20	40	50	60	80	100	120	140	170	200	230
MM	0.841	0.400	0.297	0.250	0.177	0.149	0.125	0.105	0.088	0.074	0.063

* Other mesh sizes available on request

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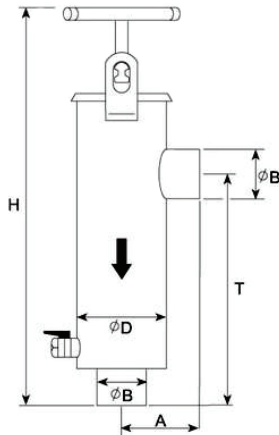


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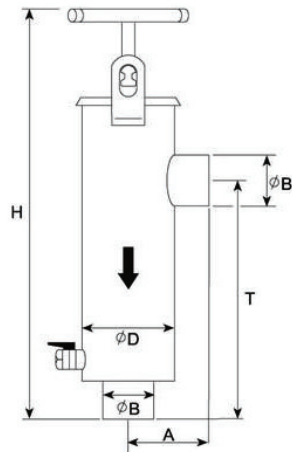
FILTER DIMENSIONS



40mm

Filter Dimensions

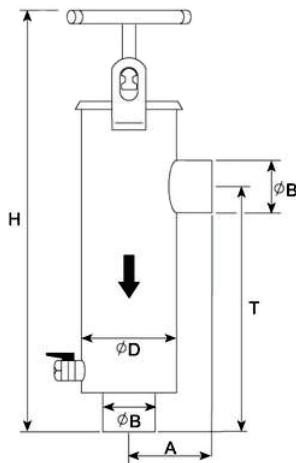
- A: 97mm
- B: 40mm
- D: 100mm
- H: 420mm
- T: 233mm



50mm Short Body

Filter Dimensions

- A: 134mm
- B: 50mm
- D: 150mm
- H: 480mm
- T: 170mm



50mm Long Body

Filter Dimensions

- A: 135mm
- B: 50mm
- D: 150mm
- H: 730mm
- T: 265mm



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