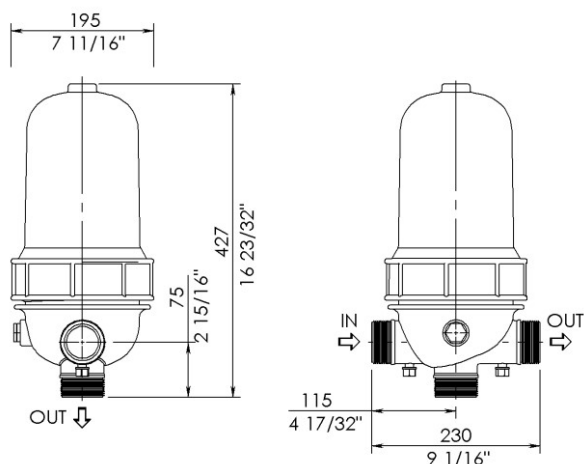


Arkal 2" Leader Filter for Chemical Use

Catalog No. 1224 1 _ _ _

Angle/Line Filter



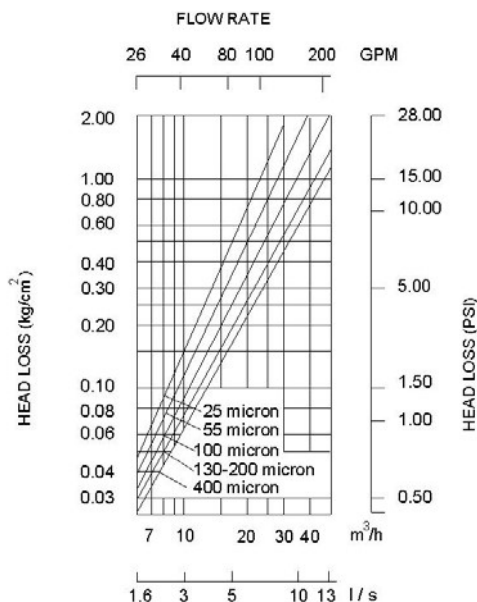
Technical Data

Inlet/Outlet diameter	2" Thread (male)	2" Thread (male)
Max. Pressure	10 bar	145 psi
Max. Flow rate 400-100 micron	$\leq 25 \text{ m}^3/\text{h}$ (6.9 l/sec)	$\leq 110 \text{ gpm}$
55 micron	$\leq 16 \text{ m}^3/\text{h}$ (4.4 l/sec)	$\leq 70 \text{ gpm}$
20 micron	$\leq 8 \text{ m}^3/\text{h}$ (2.2 l/sec)	$\leq 35 \text{ gpm}$
Total filtration area	950 cm^2	147 in^2
Total filtration volume	1225 cm^3	75.7 in^3
Filter length L	425 mm	$16 \frac{23}{32}"$
Filter width W	230 mm	$9 \frac{1}{16}"$
Distance between connections	A. 115 mm B. 75 mm	A. $4 \frac{17}{32}"$ B. $2 \frac{15}{16}"$
Weight	3.2 Kg	7 lbs
Maximum temperature	50° C	122° F
pH	2-13	2-13

Filtration Grades

Blue	(400 micron / 40 mesh)
Yellow	(200 micron / 80 mesh)
Red	(130 micron / 120 mesh)
Black	(100 micron / 140 mesh)
Green	(55 micron)
Grey	(20 micron)

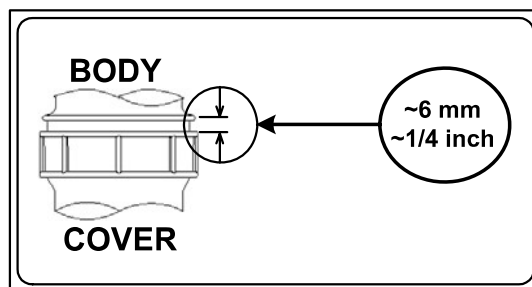
Headloss Chart



Dismantling

1. Make sure that the water pressure is turned off!
2. Drain the filter through the drainage ball valve.
3. Open the filter cover, and remove it from the filter body.
* *Please Note:* Tools are not required! (Manual use only).

4. The detachable spine is loose in the cover.
5. Flush the filter element.
6. If the filter discs require acid treatment you may dip the complete filter element in acid.



Assembly (in reverse order)

1. Position the filter element into the filter cover.
2. To verify that the element is in position, turn the cover while gently pressing on top, until it is in place.
3. Tighten the filter cover on the body and close.

* *Please Note:* Tools are not required! (Manual use only).

Attention! To verify proper closing, (without tools) please follow the instructions below.

Part List

No.	Cat. No.	Description	Materials
1	2501 0230	Cover	P.P.
2	2502 0230	Spine	P.P.
3	2021 1__ _	Disc sets	P.P.
4	2507 0208	Stop ring element	P.P.
5	5001 1457	O-ring 144.3x5.7	VITON
6	5019 0112	1/2" Plag	P.P.
7	2511 0100	1/4" Cap	R.P.P.
8	5022 0200	2" Cap	P.P.
9	2500 0234	Filter body	P.P.
10	2530 0117	Spine wrench	R.P.A.
11	2125 1__ _	Single filter element	P.P.

Materials

R.P.P. - Reinforced Polypropylene
R.P.A. - Reinforced Polyamide
P.P. - Polypropylene

