

2" Dual Manual Disc Filter

Installation, Operation and Maintenance Instructions

Features

- Reinforced plastic filter with three 2" male connections.
- Can be mounted inline or angled.
- Filter element consists of grooved discs, mounted on a spine, forming a cylindrical filter element.
- Clamp-on filter cover.
- Resistant to chemicals and liquid fertilizers.
- Pressure testing ports at filter's inlet and outlet.
- Available filtration grades: 040, 080, 120, 140, 200 and 280.



Technical Data

Flow Range	40 - 120 GPM
Maximum Pressure	174 psi
Filtering Surface Area	148 sq. in.
Filtering Volume	75 cu. in.
Length	18 5/16"
Width	7 7/8"
Weight	11 lbs
Distance Between End Connections (A & B)	A = 3" B = 5 1/8"
Inlet/Outlet Diameter	2" male

Filtration Grades

Disc Color	Mesh	Micron
Blue	040	400
Yellow	080	200
Red	120	130
Black	140	115
Brown	200	70
Green	280	50

Installation

1. Use Teflon tape on filter threads - Do Not Use Pipe Dope.
2. Ensure correct inlet/outlet direction.
3. When connecting filter to pipe, do not overtighten.

Maintenance and Cleaning

Dismantling

1. Ensure system is turned off and no pressure remains in the pipeline or the filter.
2. Open clamp and remove filter cover from the filter body.
3. Release the tightening nut slightly.
4. Pull out entire filter element.
5. Unscrew the tightening nut, pull out the spine extension and proceed with cleaning.

Cleaning

1. Flush discs with pressurized water.
2. If discs are not clean after flushing with water:
 - a. If the discs have an accumulation of algae in the grooves, soak the discs and spine in a small bucket of Clorox bleach for one hour and then reflush with fresh water.
 - b. If the discs have an accumulation of iron in the grooves, soak the discs and spine in a small bucket of 10% Muriatic Acid for one hour and then reflush with fresh water. Muriatic Acid can be purchased at any pool supply store.

Assembly

1. Insert filter element and make sure it is seated correctly.
2. Turn fixing nut clockwise to tighten filter element.
3. Replace filter cover.
4. Close safety catch on the clamp, place clamp on closing edge, and close the safety catch.

Winterization

Drain all the water from the filter to avoid cracking due to freezing.

Parts Breakdown 2" Dual Manual Disc Filter

Key	Item Number	Description	Materials
1	70620-005200	Gauge Port Nut	R.PP
2	70620-005100	Gauge Port Seal	EPDM
3	70620-005880	2" Cap	R.PA
4	70620-007650	1/2" Plug	PP
5	70620-004150	O Ring 2-234	EPDM
6	70620-003500	Spine (outer cage only)	PP
7	70620-001400	Ring Set 040 Mesh	PP
	70620-001410	Ring Set 080 Mesh	PP
	70620-001420	Ring Set 120 Mesh	PP
	70620-001430	Ring Set 140 Mesh	PP
	70620-001440	Ring Set 200 Mesh	PP
	-	Ring Set 280 Mesh	PP
8	70620-004500	Fixing Nut	R.PP
9	70620-004520	Fastening Screw	SS
10	70620-004700	Clamp	SS
11	70620-003900	Cover Seal	EPDM
12	70620-002080	Filter Cover	R.PA
13	70620-002650	Filter Element 040 Mesh	PP
	70620-002670	Filter Element 080 Mesh	
	70620-002680	Filter Element 120 Mesh	
	70620-002690	Filter Element 140 Mesh	
	70620-002691	Filter Element 200 Mesh	
	-	Filter Element 280 Mesh	
14	70641-004500	Filter Body	

* Filter Element includes Spine and Ring Set

Materials Key

Code	Material
SS	Stainless Steel
PP	Polypropylene
R.PP	Reinforced Polypropylene
R.PA	Reinforced Polyamide
EPDM	Eth. Propy. Rubber

