

# 2" AND 3" LP DISC-KLEEN FILTER

Automatic  
Self-Cleaning  
Disc Filter

## APPLICATIONS

- For surface water containing algae and other organic materials such as reservoirs, canals, rivers and wastewater applications
- Residential and multi-family developments
- Commercial landscapes, institutional parks, sports fields
- Golf courses
- Large landscape installations

## SPECIFICATIONS

- 2" drain manifold inlet and outlet connections: grooved
- Backflush valve flush port: 2" MPT
- Maximum operating pressure:  
Standard model: 90 psi  
High pressure model: 140 psi
- Minimum backflush pressure required:  
Standard model: 30 psi  
High pressure model: 40 psi
- Minimum backflush flow rate:  
2" filter: 35 GPM  
3" filter: 70 GPM
- Minimum allowable pH: 5
- Inlet/outlet: 4" grooved - 2" Disc-Kleen  
6" grooved - 3" Disc-Kleen
- Includes backflush controller

## MATERIALS

- Manifold: polypropylene
- Filter body: polypropylene
- Discs: polypropylene
- O-Rings and Seals: EPDM

## FEATURES & BENEFITS

### PROVEN DEPTH FILTRATION

Collects debris along the depth of the discs, not just at the surface like screen filters.

### MADE OF NON-CORROSIVE MATERIALS

Prevents rusting and corrosion from chemicals and weather.

### QUICK INSTALLATION

Factory assembled and tested. Delivered ready for hook-up and immediate operation.

### SMALL FOOTPRINT

Saves valuable space.

### LESS BACKFLUSH TIME REQUIRED

Optimizes irrigation scheduling for uniform watering.



2" LP DISC-KLEEN FILTER  
3-UNIT



3" LP DISC-KLEEN FILTER  
4-UNIT

**WATER QUALITY\***  
**MAXIMUM FLOW RATE (GPM)**

MESH COLOR	YELLOW	RED	BLACK
MESH SIZE	80	120	140
MICRON SIZE	200	130	115
<b>2" X 2 FILTER</b>			
GOOD	160	155	145
AVERAGE	150	140	130
POOR	130	120	90
VERY POOR	80	70	60
<b>2" X 3 FILTER</b>			
GOOD	240	230	220
AVERAGE	225	210	195
POOR	195	180	135
VERY POOR	120	105	90
<b>2" X 4 FILTER</b>			
GOOD	320	310	290
AVERAGE	300	280	260
POOR	260	240	180
VERY POOR	160	140	120
<b>3" X 3 FILTER</b>			
GOOD	480	465	435
AVERAGE	450	420	390
POOR	380	340	270
VERY POOR	240	210	180
<b>3" X 4 FILTER</b>			
GOOD	640	620	580
AVERAGE	600	560	500
POOR	500	450	340
VERY POOR	320	280	240
<b>3" X 5 FILTER</b>			
GOOD	800	775	725
AVERAGE	750	700	600
POOR	650	525	400
VERY POOR	400	350	300

**\*WATER QUALITY**

**Good Water Quality:** Municipal water supply or well water from a clean aquifer with no sand, iron or manganese.

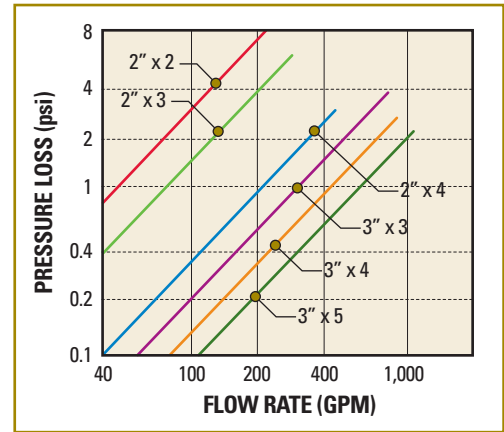
**Average Water Quality:** Wells with small amounts of sand (< 2 ppm) or clean surface water which includes lakes, ponds, reservoirs and canals.

**Poor Water Quality:** Well water with sand up to 10 ppm or surface water in hot climates with increased biological growth and no chemical treatment which includes lakes, ponds, reservoirs and canals.

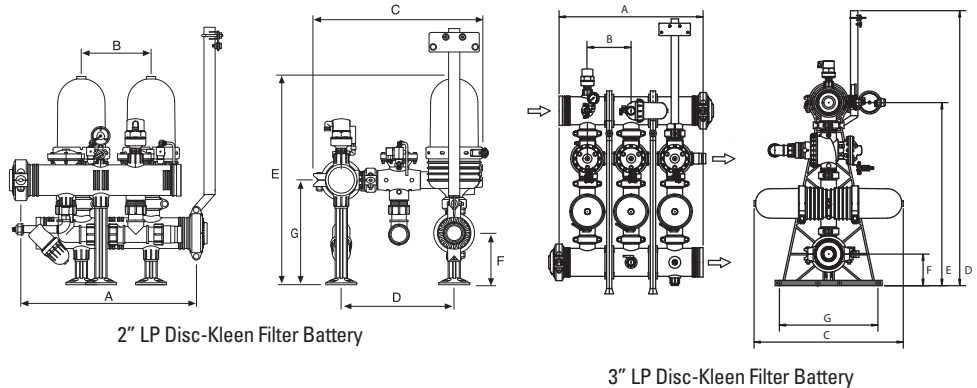
**Very Poor Water Quality:** Well water with greater than 10 ppm of sand including rivers, muddy canals, lakes and ponds with severe run off deposits and raw municipal wastewater.

**Greater than 3 ppm Sand or Silt:** May require a pre-filter such as a hydrocyclone.

**FLOW RATE VS. PRESSURE LOSS**



120 mesh when filter is in a clean state.



**DIMENSIONS & WEIGHT**

NUMBER OF FILTERS	A	B	C	D	E	F	G	WEIGHT	AMOUNT OF BACKFLUSH
2" - 2	20 7/16"	10"	27"	16"	36 1/4"	7 9/32"	14 3/4"	174 LBS.	24 GAL.
2" - 3	30 9/32"	10"	27"	16"	36 1/4"	7 9/32"	14 3/4"	220 LBS.	36 GAL.
2" - 4	40 1/8"	10"	27"	16"	36 1/4"	7 9/32"	14 3/4"	266 LBS.	48 GAL.
3" - 3	32 7/16"	9 27/32"	33 9/16"	61 29/32"	41 7/32"	7 3/32"	22 3/16"	352 LBS.	70 GAL.
3" - 4	42 1/4"	9 27/32"	33 9/16"	61 29/32"	41 7/32"	7 3/32"	22 3/16"	407 LBS.	94 GAL.
3" - 5	52 1/4"	9 27/32"	33 9/16"	61 29/32"	41 7/32"	7 3/32"	22 3/16"	467 LBS.	117 GAL.

Does not include controller or controller mount.

**ORDERING INFORMATION**

NUMBER OF FILTERS	MESH	MODEL NUMBER
<b>2" LP DISC-KLEEN</b>		
2	80	DFALP202-080AC
	120	DFALP202-120AC
	140	DFALP202-140AC
3	80	DFALP203-080AC
	120	DFALP203-120AC
	140	DFALP203-140AC
4	80	DFALP204-080AC
	120	DFALP204-120AC
	140	DFALP204-140AC

NUMBER OF FILTERS	MESH	MODEL NUMBER
<b>3" LP DISC-KLEEN</b>		
3	80	DFALP303-080AC
	120	DFALP303-120AC
	140	DFALP303-140AC
4	80	DFALP304-080AC
	120	DFALP304-120AC
	140	DFALP304-140AC
5	80	DFALP305-080AC
	120	DFALP305-120AC
	140	DFALP305-140AC

AC Models include installed backflush controller for 110VAC power supply. Solenoids are 24VAC. Standard with PVC grooved x slip adapters and grooved couplings for connecting the filter to the main PVC line. Backflush controllers are either 4 or 8 station depending on number of filters. Maximum operating pressure - 90 psi. High pressure model available for pressures between 91-140 psi.