



Compact 2" Disc Kleen



3" LP Disc Kleen



2" LP Disc Kleen

APPLICATIONS

- Greenhouses
- Nurseries
- Landscape
- Industrial

FEATURES

- High capacity: collects debris along the depth of the discs, not just the surface like screen filters
- Corrosion resistant
- Factory assembled and tested for quick installation
- Smaller footprint than other automatic filters
- Less backflush time than other automatic filters

SPECIFICATIONS

2" COMPACT DISC KLEEN FILTER

- Inlet: 2" male pipe thread
- Outlet: 2" female pipe thread
- Flush port: 2" female pipe thread
- Maximum operating water pressure: 90 psi
- Minimum pressure for backflush: 30 psi
- Minimum flow for backflush:
- Standard model - 35 GPM
- Low flow model - 20 GPM
- Minimum allowable pH: 5

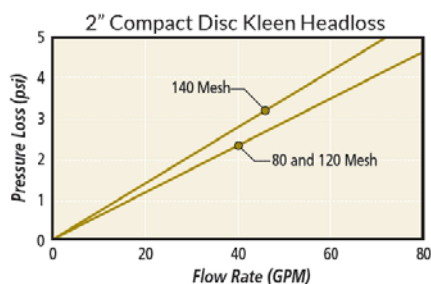
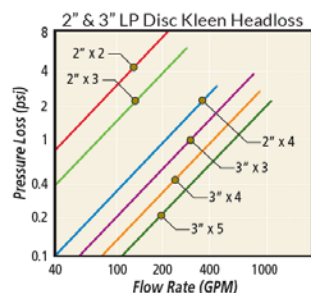
2" & 3" LP DISC KLEEN FILTER

- Inlet and outlet connections:
- 2" LP Disc-Kleen - 4" grooved
- 3" LP Disc-Kleen - 6" grooved
- Backflush valve flush port: 2" male pipe thread
- Maximum operating water pressure: 90 psi
- Minimum pressure for backflush: 30 psi
- Minimum backflush flow per spine: 35 GPM
- Minimum allowable pH: 5
- Drain manifold: 2" grooved outlet connection

FLOW RATE VS. PRESSURE LOSS (psi)

FLOW RATE	10	20	30	40	50	60	70	80
2" compact	0.4	1.2	1.8	2.3	3.0	3.5	4.0	4.7
FLOW RATE (GPM)	40	80	120	160	200	300	400	
2" LP - 2 units	0.9	2.5	3.5	5.0				
2" LP - 3 units	0.4	1.2	1.8	3.0	4.0	6.0		
2" LP - 4 units			0.5	0.75	1.0	1.5	2.5	
FLOW RATE (GPM)	200	300	400	500	600	700	800	
3" LP - 3 UNITS	0.6	1.0	1.7	2.0				
3" LP - 4 UNITS		0.7	1.0	1.3	1.6	1.8		
3" LP - 5 UNITS			0.6	0.8	1.0	1.2	1.5	

120 Mesh - when filter is in a clean state



Continued



WATER QUALITY MAXIMUM FLOW RATE (GPM)

MESH SIZE		80 & 120		140
COMPACT 2" STANDARD MODEL				
GOOD		80		70
AVERAGE		70		60
POOR		55		50
VERY POOR		35		30
MESH SIZE		80	120	140
2" X 2" FILTERS				
GOOD		160	155	145
AVERAGE		150	140	130
POOR		130	120	90
VERY POOR		80	70	60
2" X 3" FILTERS				
GOOD		240	230	220
AVERAGE		225	210	195
POOR		195	180	135
VERY POOR		120	105	90
2" X 4" FILTERS				
GOOD		320	310	290
AVERAGE		300	280	260
POOR		260	240	180
VERY POOR		160	140	120

MESH SIZE		80 & 120		140
COMPACT 2" LOW FLOW MODEL				
GOOD		40		40
AVERAGE		40		30
POOR		30		20
VERY POOR		20		10
MESH SIZE		80	120	140
3" X 3" FILTERS				
GOOD		480	465	435
AVERAGE		450	420	390
POOR		380	340	270
VERY POOR		240	210	180
3" X 4" FILTERS				
GOOD		640	620	580
AVERAGE		600	560	500
POOR		500	450	340
VERY POOR		320	280	240
3" X 5" FILTERS				
GOOD		800	775	725
AVERAGE		750	700	600
POOR		650	525	400
VERY POOR		400	350	300

WATER QUALITY GUIDELINES

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.

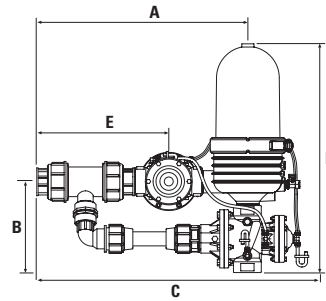
VERY POOR WATER QUALITY: Well water with greater than 10 ppm of sand including rivers, muddy canals, lakes and ponds with severe run off deposits and raw municipal wastewater.

GREATER THAN 3 PPM SAND OR SILT: May require a pre-filter such as a hydrocyclone.



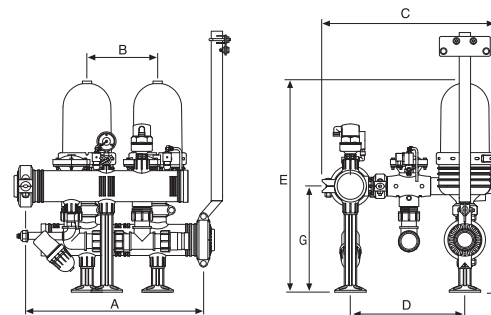
No. OF FILTERS	2"-2	2"-3	2"-4	3"-3	3"-4	3"-5
WEIGHT (lbs.)	174	220	266	352	407	467

2" COMPACT FILTER DIMENSIONS



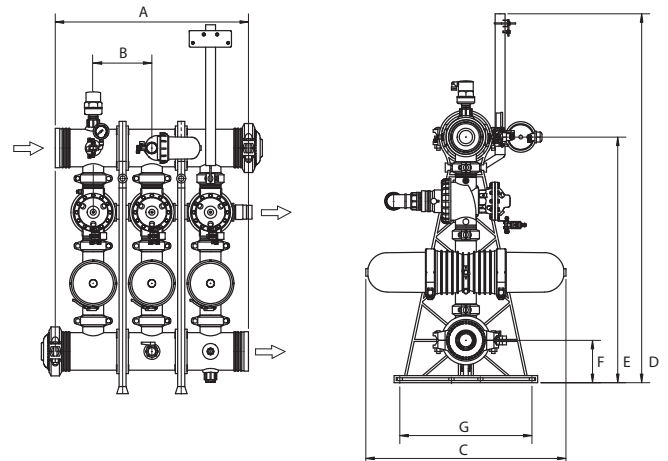
A	B	C	D	E	WEIGHT
21 1/2"	8 5/8"	30"	25"	13 17/16"	32 lbs.

2" LP DISC-KLEEN FILTER DIMENSIONS



FILTERS	A	B	C	D	E	F	G
2	20 7/16"	10"	27"	16"	36 1/4"	7 9/32"	14 3/4"
3	30 9/32"	10"	27"	16"	36 1/4"	7 9/32"	14 3/4"
4	40 1/8"	10"	27"	16"	36 1/4"	7 9/32"	14 3/4"

3" LP DISC-KLEEN FILTER DIMENSIONS



FILTERS	A*	B	C	D	E	F	G
3	32 7/16"	9 27/32"	33 9/16"	61 29/32"	41 7/32"	7 3/32"	22 3/16"
4	42 1/4"	9 27/32"	33 9/16"	61 29/32"	41 7/32"	7 3/32"	22 3/16"
5	52 1/4"	9 27/32"	33 9/16"	61 29/32"	41 7/32"	7 3/32"	22 3/16"

* +/- 5/32"