2” AND 3” LP DISC-KLEEN 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.
**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.

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### DIMENSIONS & WEIGHT

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**2” X 2 FILTER**

- GOOD: 160 155 145
- AVERAGE: 150 140 130
- POOR: 130 120 90
- VERY POOR: 80 70 60

**2” X 3 FILTER**

- GOOD: 240 230 220
- AVERAGE: 225 210 195
- POOR: 195 180 135
- VERY POOR: 120 105 90

**2” X 4 FILTER**

- GOOD: 320 310 290
- AVERAGE: 300 280 260
- POOR: 260 240 180
- VERY POOR: 160 140 120

**3” X 3 FILTER**

- GOOD: 480 465 435
- AVERAGE: 450 420 390
- POOR: 380 340 270
- VERY POOR: 240 210 180

**3” X 4 FILTER**

- GOOD: 640 620 580
- AVERAGE: 600 560 500
- POOR: 500 450 340
- VERY POOR: 320 280 240

**3” X 5 FILTER**

- GOOD: 800 775 725
- AVERAGE: 750 700 600
- POOR: 650 525 400
- VERY POOR: 400 350 300

**ORDERING INFORMATION**

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**FLOW RATE VS. PRESSURE LOSS**

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**FLOW RATE VS. PRESSURE LOSS**

- **2” LP DISC-KLEEN**
  - GOOD: 20 7/16" 10" 27" 16" 36 1/4" 7 9/32" 14 3/4" 174 LBS. 24 GAL.
  - AVERAGE: 20 7/16" 10" 27" 16" 36 1/4" 7 9/32" 14 3/4" 220 LBS. 36 GAL.
  - POOR: 20 7/16" 10" 27" 16" 36 1/4" 7 9/32" 14 3/4" 266 LBS. 48 GAL.
  - VERY POOR: 20 7/16" 10" 27" 16" 36 1/4" 7 9/32" 14 3/4" 352 LBS. 70 GAL.

- **3” LP DISC-KLEEN**
  - GOOD: 20 7/16" 10" 27" 16" 36 1/4" 7 9/32" 14 3/4" 407 LBS. 94 GAL.
  - AVERAGE: 20 7/16" 10" 27" 16" 36 1/4" 7 9/32" 14 3/4" 467 LBS. 117 GAL.
  - POOR: 20 7/16" 10" 27" 16" 36 1/4" 7 9/32" 14 3/4" 407 LBS. 94 GAL.
  - VERY POOR: 20 7/16" 10" 27" 16" 36 1/4" 7 9/32" 14 3/4" 467 LBS. 117 GAL.

Does not include controller or controller mount.

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.