



# Reliable screen filtration that helps fight the drought conditions

Moving from old media tanks to more efficient technology



**Short flush cycles help you save up to 8 times more water over sand media**



**Save  
Water**



**Save  
Money**



**Save  
Time**

# The Amiad family of self-cleaning filters:



**Filtomat**

• Hydraulic • Steel



**MG**

• Hydraulic • High flow



**SAF**

• Electric • Steel



**Sigma**

• Hydraulic • Polymeric

## 💧 Save Water

- A shorter flush cycle than sand media
- Less flush water than sand media

## 💰 Save Money

- Low installation costs
- Small footprint
- Low pressure losses

## ⌚ Save Time

- Simple installation
- Low maintenance

## Other benefits

- Suitable for all water sources, from well to surface water
- High flow capacities
- Portable, options for trailer mounting



## Save Water

The Filtomat uses **8.5x** less water for self-cleaning than a sand media system over a typical growing season.

750 gpm Application	Flushing Flow Rate (gpm)/ Flush Time (sec)	Gallons of Water per Flush	Flushes per Season	Total Gallons Wasted
8" Filtomat	140/15	35	2,000	70,000
48" 3-Unit Sand Media	200/120 x 3 units=360	1,200	500	600,000

The Filtomat may flush more often than a sand media system, but a single self-cleaning cycle is **36x** faster.

750 gpm Application	Flush Time (seconds)	Dwell Time (seconds)	Flushing Frequency (for 2 hour period)	Total Flush Time in 2 hours (seconds)
8" Filtomat	10	0	4	40
48" 3-Unit Sand Media	120 x 3 units = 360	60	1	360

The Filtomat spends **9x** less time in a self-cleaning mode over time. Less time spent in flushing mode ensures better flow uniformity in the field.

## Save Money



- Minimal installation costs
- Arrives fully assembled
- No crane required
- Smaller footprint
- Smaller concrete pad

Minimize energy costs for pumping.

750 gpm Application	Clean Filter (psi)	Dirty Filter (psi)
8" Filtomat	1-2	7
48" 3-Unit Sand Media	4-5	11-12

## Save Time



- No need to replace sand
- No need to adjust the flush line
- No backflush valves to replace

## Reference Applications:



Well water, 900 gpm, 100 micron, protecting drip irrigation



Canal water, 600 gpm, 130 micron, protecting drip irrigation



Reservoir water, 400 gpm, 100 micron, protecting drip irrigation



Canal water, 250 gpm, 200 micron, protecting jet sprinklers



District water, 1,800 gpm, 100 micron, protecting drip tape irrigation



Well water, 500 gpm, 80 micron, protecting drip tape irrigation

## Customer Satisfaction

"The Amiad Filtomat Filter is our filter of choice in our agricultural applications. It has been applied in many different types of water quality, has proven technology, is economical and is simple to install with a small footprint and no concrete pads. In Salinas Valley, California, where we grow high cash fruit & vegetable crops, saving water during a drought is important by using minimum backflush water. Our customers like the Filtomat Filter and continue to purchase more every year for either new projects or replacing old filters."

*Sieg Magenheim, Signature Irrigation- Salinas, CA*