



TurfMaster®

Water Filtration System



Iron removal for irrigation systems



Features

- ◆ Prevention of destructive iron staining on structures and concrete
- ◆ Low-maintenance
- ◆ No chemicals - regeneration with water and air
- ◆ Optional control system to activate filtration only for stain-sensitive zones
- ◆ Exclusive 5 year APM™ warranty for quick and inexpensive repair

Iron in irrigation water causes unsightly staining of structures and concrete. TurfMaster® filtration systems are designed to remove this iron naturally, without any need for expensive or undesirable chemicals. When integrated into common irrigation controllers, filtration can be programmed only to occur when sensitive zones are active, maximizing overall capacity and equipment life.

*See official warranty for details



TurfMaster® Water Filtration System

Extend your system's capabilities

For increased iron removal capacity and GPM flow rate, manifold multiple units together in parallel.



How it works

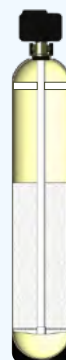
TurfMaster® systems come in two different sizes, with the option to manifold multiple units for higher flow rates and removal capacities. Water is first exposed to an internal air pocket, oxidizing dissolved iron, manganese, and sulfur out of the solution. A special filtration media then captures these offensive particles, producing clean, non-staining, odorless water. Every 1-3 days, the system backwashes these particles to drain and recharges the tank and media with oxygen.

Primary components

APM™ control valve

Air pocket

High Efficiency Oxidization Media



Specifications	TM-100	TM-200
Media (total cu ft)	1	2
Max Flow Rate (gpm @ 15 psid)	10	12
Max Iron Level (ppm) ¹	10	17
Removal Capacity (gal @ 6 ppm Iron)	420	840
Backwash Rate (gpm)	5	7
Inlet / Outlet Pipe Size (in)	1	1
Accessories Kit Connection Size (in)	1	1
Mineral Tank Dimensions (in)	10 x 54	13 x 54
Overall Height (in)	64	64
Filter Inlet / Outlet Center Height (in)	55 ¾	55 ¾
Pipe Centers (in)	2	2
Drain Tubing Size (OD) (in)	5/8	5/8
Optional Bypass Valve Voltage (VAC)	24	24
Approx Shipping Weight (lbs) (including accessories kit)	115	170

¹Based on a feedwater quality of pH ≥7.8, no organics, no manganese, & no H₂S

*Irrigation controller must have master valve (by zone) control or individual zone valve relays for integration with WCC control module.

**A standard 120V power supply (outlet) is required for each system. An additional standard 120V power supply (outlet) is required if the TM-KIT is used.

*** For integration with irrigation controller (optional), order TM-KIT

Basic System

- ◆ TurfMaster® filter unit with 1" bypass connections (NPTF)

Optional TM-KIT

- ◆ Control panel for integration into irrigation system
- ◆ 2x motorized valves with 1" connections
- ◆ 2x check valves (1")
- ◆ 2x sample port assemblies with 1" tees

Contractor to assemble and pipe system on-site



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