# Residential BRASSSMASTER Water Filtration System



ALL NATURAL & CHEMICAL-FREE

### IRON REMOVAL for IRRIGATION SYSTEMS

✓ PREVENTS DESTRUCTIVE IRON STAINING ON STRUCTURES AND CONCRETE

LOW-MAINTENANCE

✓ NO CHEMICALS -REGENERATES WITH WATER AND AIR

CONTROL SYSTEM ACTIVATES 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 work. 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.

#### BASIC SYSTEM:

• TurfMaster filter unit with 1" bypass connections

#### - OPTIONAL TM-KIT INCLUDES

- Control panel for integration into irrigation system [fieldwired to irrigation control]
- 2x motorized valves with 1" connections
- 2x check valves [1"]
- 2x sample port assemblies with 1" tees

[Contractor to pipe and assemble system on-site]

An Employee-Owned Company



## ♠ RESIDENTIAL ♣ COMMERCIAL

# BRASSMASTERS\* Water Filtration System



Specifications	TM-100	TM-200
Media (total cu.ft.)	1	2
Max flow rate [GPM @ 15 PSID]	10	12
Max iron level [PPM]	10	17
Removal capacity (gal @ 6 PPM iron)	420	840
Backwash rate (GPM)	5	7
Inlet/outlet pipe size	1"	ן"
Accessories kit connection size	1"	۱"
Mineral tank dimensions	10" x 54"	13" x 54"
Overall height	64"	64"
Filter inlet/outlet center height	55 ¾"	55 ¾"
Pipe centers	2"	2"
Drain tubing size [OD]	5/8"	5/8"
Bypass motorized valve voltage	24VAC	24VAC
Approx shipping weight [Ibs] (inluding accessories kit]	115	170

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

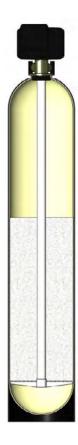
\*\*A standard 120V power supply (outlet) is required for each system. An additional standard 120V power supply (outlet) is required if the TM-KIT is used.

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



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.

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



Water Control Corporation

High Efficiency Oxidization Media

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