

# SUBMITTAL SHEET

## Maximum H2O - Flange Mount Series



Standard (Base) Model



High Mineral Content

Product Description	Product Code	Flange I.D.	Flange O.D.
2" Flange Mount	H2OM-2-SS-SFL	2.25"	6"
2" Flange Mount - High Mineral Content	H2OM-2-SS-SFL-HMC	2.25"	6"
3" Flange Mount	H2OM-3-SS-SFL	3.25"	7.25"
3" Flange Mount - High Mineral Content	H2OM-3-SS-SFL-HMC	3.25"	7.25"
4" Flange Mount	H2OM-4-SS-SFL	4.125"	6.5"
4" Flange Mount - High Mineral Content	H2OM-4-SS-SFL-HMC	4.125"	6.5"
5" Flange Mount	H2OM-5-SS-SFL	5.0"	9.5"
5" Flange Mount - High Mineral Content	H2OM-5-SS-SFL-HMC	5.0"	9.5"
6" Flange Mount	H2OM-6-SS-SFL	6.125"	9.5"
6" Flange Mount - High Mineral Content	H2OM-6-SS-SFL-HMC	6.125"	9.5"
8" Flange Mount	H2OM-8-SS-SFL	8"	12.75"
8" Flange Mount - High Mineral Content	H2OM-8-SS-SFL-HMC	8"	12.75"
10" Flange Mount	H2OM-10-SS-SFL	10"	14.75"
10" Flange Mount - High Mineral Content	H2OM-10-SS-SFL-HMC	10"	14.75"
12" Flange Mount	H2OM-12-SS-SFL	12"	16.75"
12" Flange Mount - High Mineral Content	H2OM-12-SS-SFL-HMC	12"	16.75"
14" Flange Mount	H2OM-14-SS-SFL	14"	18.75"
14" Flange Mount - High Mineral Content	H2OM-14-SS-SFL-HMC	14"	18.75"
16" Flange Mount	H2OM-16-SS-SFL	16"	20.75"
16" Flange Mount - High Mineral Content	H2OM-16-SS-SFL-HMC	16"	20.75"
18" Flange Mount	H2OM-18-SS-SFL	18"	22.75"
18" Flange Mount - High Mineral Content	H2OM-18-SS-SFL-HMC	18"	22.75"

**Larger sizes available on request**

Material: 316 Stainless Steel

Pressure Rating: 150 PSI

Temperature Rating: 32 – 140 Degrees F (0 – 60 Degrees C )

Dimensions: Standard units: 6.5" in length (magnetron rods are 6.5" point to point)  
High Mineral units: 11.5" in length (magnetron rods are 11.5" point to point)

All flange plates are 3/16" thick

Installation: Standard units: Magnetrons are installed with tubes facing in downstream direction  
Requires 5.5" of straight pipe in downstream direction from inside surface of flange

High Mineral units: Magnetrons are installed with tubes facing in both directions  
Requires 5.5" of straight pipe in downstream direction from inside surface of flange and 6" in upstream direction.

Will not affect Magnetic Flow meters



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Benefits:

- Improved flow rates by approximately 15% due to reduction of surface tension
- Improves pump efficiency and reduces pumping costs by approximately 15%
- Extends life of filters, pumps, membranes, and equipment
- Improve water / waste separation process
- Improves removals of oils and chemicals
- Increase oxygen content by 12 mg/l
- Improve biological activity
- Improve permeation
- Reduce odors
- Reduce maintenance costs
- Reduces Total Dissolved Solids (TDS)
- Improve efficiency of water for irrigation, washing, mixing, spraying, processing, etc.

Additional benefits realized for Wastewater treatment:

Reduction of:

- Weighted particles decrease by up to 6.3 mg/l
- Chlorides by 9.3 mg/l
- Sulphates by 9.4 mg/l
- Sodium and Potassium 7.4 mg/l
- Hydro carbonates by 103.5 mg/l
- Treats other compounds as well.

Additional benefits realized for Agriculture:

- Increase plant health, vigor, weight, and quality
- Reduce water use by 10 – 30%
- Improve permeation and solubility
- Improve soil moisture content
- Increase plant nutrient uptake
- Reduce salts and scale in soil
- Increase yields
- Improve soil PH

Warranty: Stainless Steel units: 10 Years



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