

# LAKOS Magnetic Flow Meter

## Growsmart IM3000

Durable, high-performance accuracy for reliable flow measurement  
4-inch to 12-inch pipe sizes;  
ANSI flanged connections



 **LAKOS**  
A LINDSAY COMPANY

## Precise Measurement for Precision Irrigation

When irrigation isn't accurate, yield suffers. With the LAKOS Magnetic Flow Meter, you can confidently and precisely apply water.

Measures real time flow to:

- Verify system operation
- Identify clogged or broken lines

Logs total water used to:

- Match water applied vs. water pumped or purchased
- Track application of nutrients
- Fulfill private or governmental requirements

## The Best Flow Meter on the Market Today

Compare the features and value of the LAKOS Magnetic Flow Meter to any other brand. This product series has it all. Unlike propeller meters, there are no moving parts to wear or break and no in-the-pipe obstructions to cause debris build-up and related inaccuracies. Maximum accuracy with minimum maintenance/service.

- Weatherproof and Tamper-Proof IP68 Enclosure Seal Prevents Fogging of Display and Protects Internal Components
- ICWT Tested
- Direct Power or Long Lasting Battery Pack (3-5 year life), Low Battery Indicator
- Velocity Range of .3 ft/sec to 39 ft/sec
- Remote Management Options & Mobile App

Data Measurement Options with Configurable Electronic Digital Register

Unit measurements: Gallons/Minute, Liters/Minute, Liters/Second, Cubic Feet/Minute, Cubic Meters/Hour, Million Gallons/Day, MegaLiters/Day

Working Conditions

Operating Temperature: 10.4°F to 122°F (-12°C to 50°C)

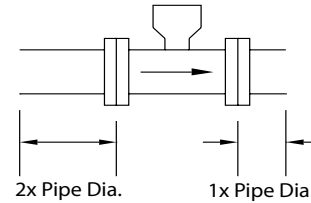
Storage Temperature Range: -40°F to 140°F (-40°C to 60°C)

Maximum Working Pressure: 290 psi (14 bar)

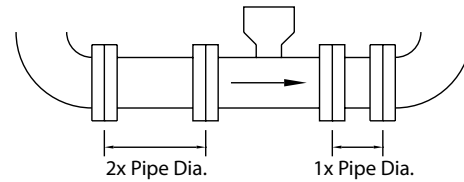
### Minimal Straight Run Requirements

Requires five pipe diameters from pump discharge and three pipe diameters after Flow Meter. Where pipe elbows are concerned, allow two pipe diameters before the Flow Meter and one pipe diameter after the Flow Meter. Saves space, installation time, and money. Use air vents to remove air from line.

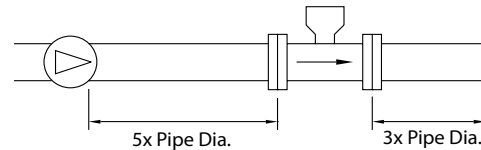
### Inlet and Outlet Distances



### Elbow Distance



### Pump Distance



## General Specifications

MODEL	SIZE		WEIGHT		LENGTH		OUTER DIAMETER	
	ANSI Flange		lbs	kg	in	mm	in	mm
LFM-04	4-inch		44	20	10.24	260	9.0	227
LFM-06	6-inch		60	27	12.28	312	11.0	279
LFM-08	8-inch		97	44	14.25	362	13.5	343
LFM-10	10-inch		130	59	18.19	462	16.0	406
LFM-12	12-inch		185	84	20.16	512	19.0	483



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