Model no. SAYA-WMIZSA0034-0100



Features Include

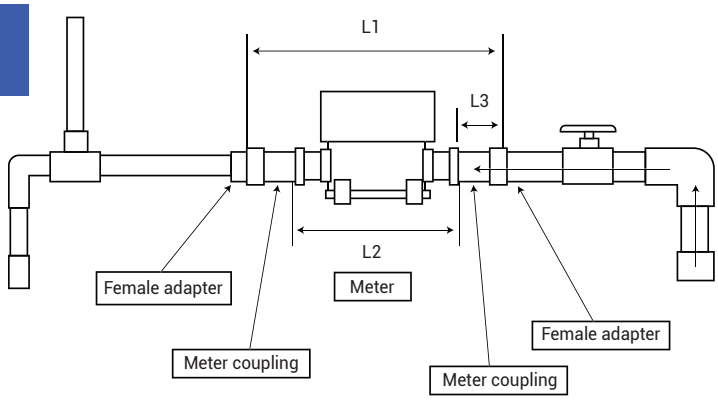
- Wireless ultrasonic flow meter for high accuracy and leak detection.
- Meets and exceeds AWWA C708 accuracy standards in a horizontal or vertical position.
- NSF/ANSI 61 & 372 Certified.
- NTEP Certified.
- 5 years warranty.
- No moving parts.
- Digital Display.
- Integrated remotely controllable shut-off valve to prevent damages caused by leaks.
- Integrated pressure sensor for anomaly detection.
- Integrated water temperature sensor.

Specifications

Model	SAYA-WMILSA0034	SAYA-WMILSA0100
Nominal Pipe Size	3/4''	1''
Main Material	eco brass pipe body	eco brass pipe body
Transmission	Z-Wave Plus protocol (S2 or S0)	Z-Wave Plus protocol (S2 or S0)
Battery	5V Lithium ion	5V Lithium ion
External Power	5V/2A (for shutoff valve)	5V/2A (for shutoff valve)
Battery Life	6-7 years	6-7 years
Max Flow Rate	20 gpm	30 gpm
Normal Flow Rate (+/- 1.5%)	2-15 gpm	2-25 gpm
Min. Flow Rate	0.044 gpm	0.07 gpm
Max. Working Pressure	232 PSI	232 PSI
Max, Working Temp.	158°F	158°F

Installation Recommendation

Model	SAYA-WMILSA0034	SAYA-WMILSA0100
Nominal Pipe Size	3/4"	1"
L1	13.6 in/ 13%	13.9 in/ 13%
L2	8.4 in	8.7 in
L3	2.6 in	2.6 in



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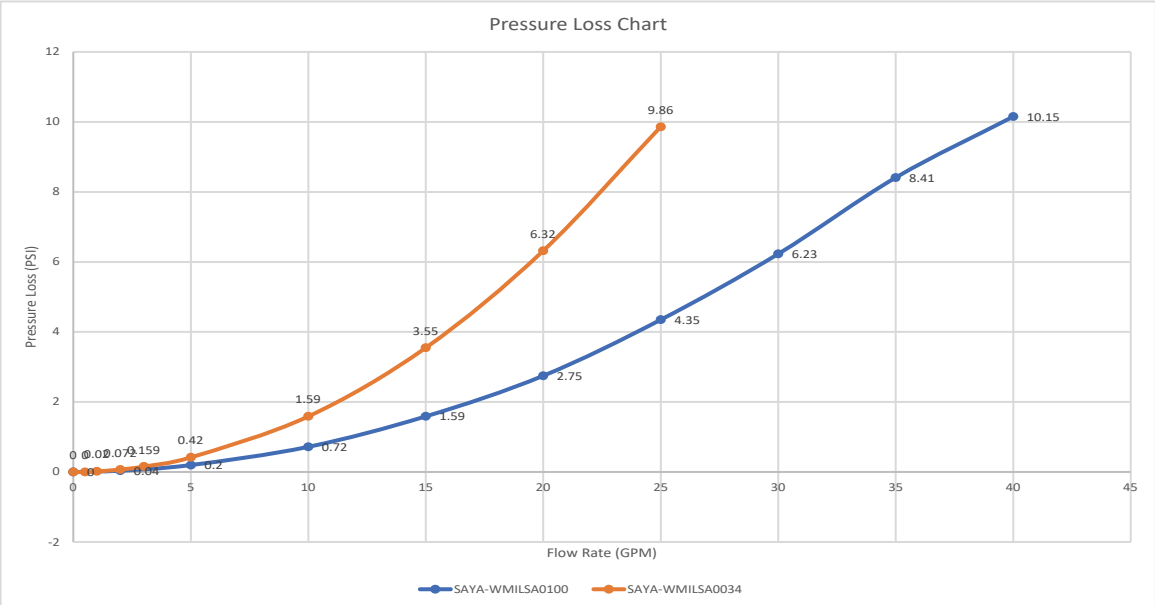
Pressure Loss Table & Chart

SAYA-WMILSA0034		SAYA-WMILSA0100	
Flow Rate (GPM)	Pressure Loss (PSI)	Flow Rate (GPM)	Pressure Loss (PSI)
0	0	0	0
2	0.04	0.5	0
5	0.2	1	0.02
10	0.72	2	0.072
15	1.59	3	0.159
20	2.75	5	0.42
25	4.35	10	1.59
30	6.23	15	3.55
35	8.41	20	6.32
40	10.15	25	9.86



Protect Your Property with Smart Water Control
Saya is an intelligent solution to safeguard your home or business from costly water damage. Integrating cutting-edge technology and Z-Wave Plus compatibility, this smart meter with built in shutoff, temperature and pressure sensor provides you with ultimate control and monitoring of your water supply.

Prevent Major Water Damage
Don't wait for a leak to become a disaster. With the ability to remotely shut off your water supply via a compatible Z-Wave controller, Saya takes action the moment a leak is detected, potentially saving you thousands in repairs.

Monitor & Conserve
Stay informed about your water consumption with detailed usage tracking. Make informed decisions and promote efficiency in your water use, contributing to conservation efforts and potentially reducing your utility bills.

Advanced Leak Detection
Saya can detect the smallest drip to a catastrophic burst pipe using machine learning. Pair it with flood detection sensors to create automated scenes that close your water valve automatically when a leak is sensed.

Secure & Reliable
Employing Z-Wave Plus technology, Saya communicates using the S2 Security Protocol for enhanced network security. In cases where S2 is not supported, the unit effortlessly pairs using the standard S0 protocol.

Professional Installation Recommended
For optimal performance and safety, we recommend installation by a certified plumber. Please note that additional fittings may be required to connect the brass valve to your existing water pipe.