

Lafuma®

ElectroMagnetic Water Flow Meter

RS485

$\pm 0.3\%$

Smart High Accuracy

Optional Telemetry System

Pressure 1-100 Bar Max.

Temperature 100 °C

ITECHFLOW PVT. LTD

30, Jhotwara Industrial Area, Jaipur, Rajasthan - 302012 (India.)

Model: Lafuma -UFBT-001

Concerned about rising water costs and environmental impact ? Traditional water monitoring systems are slow and clunky. Introducing Lafuma-ITECHFLOW in line ultrasonic flow meter,designed for real-time water management. LAFUMA goes beyond traditional meters by offering a complete water management solution with cutting-edge technology.



Lafuma-UFBT-001

- Long-Term Stability and Wide Measurement Range.
- Remote Monitoring, cloud data storage & web based dashboard support through ThingzCloud.
- LTE (4G) communication for efficient data transmission at user-defined intervals.
- 5+ Year Battery Life (2D Lithium), @ user defined send intervals, default at 6hrs.
- Minimal System Pressure Loss.
- Log Interval 6 hrs each (Configurable)



Model: Lafuma-UFBT-001

Product specification

Material	CastIron
Available Sizes	DN25 to DN200
Weight (DN25 to DN200)	500gms to 28Kgs
Mounting Style	Threaded/Flanged
Certification Metrology	SO4064:2014
Mounting Style	Horizontal
Working Principle	Ultrasonic Transit Time
Transducer Resonant Frequency	1Mhz
Temperature Range	+5°C to +55°C
Pressure Range	0.03MPa to 1.6Mpa
Accuracy	±2%
Ingress Protection	IP68
Connectivity	LTE(4G)
Display	LCD / 60x40(35) mm
Enclosure Material	ABS (DN25) Above DN25, diecaste Aluminium
Battery Voltage Output Li-SOCL2, 3.6V, 38Ah	
Minimum flowrate m³/hr (Q1) 0.15(DN25) to 10(DN200)	
Maximum flowrate m³/hr (Q3) 7(DN25) to 300(DN400)	

Application

- Suitable for All Conductivity Application
- From Clean Liquids to Slurries & Pastes with High Solids Content.
- Energy Measurement in Commercial Building
- Abrasion, Chemical & Vacuum Resistance
- Suitable for High Temperature



Lafuma®
Optional Telemetry System



DESIGNED FOR MODERN DATA SECURITY

- Unlike legacy solutions that were designed in a different era and patched over time, Flowline V1.0 is purpose-built to aggregate and process sensor data securely. Cyber threats continuously evolve, and your industrial IoT architecture should as well. Flowline V1.0's architecture ensures always up-to-date cloud software and seamless over-the-air firmware patches for on-premise devices

(10)



More Information
Website www.itechflow.com

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