

FM-104
FM-104-H

MULTI-JET WATER METER

Salient Features:

- ISO 4064 Class-B
- Extra Dry Dial.
- Hermetically sealed register ensures that all internal parts are clean and prevents fogging throughout the entire lifetime of the meter.
- Robust copper alloy body to pass the strongest resistance tests in both static & dynamic conditions.
- Shock-resistant material for register and closure.
- High performance magnetic transmission ensures no part of the register is in contact with water.
- Interchangeable spare parts for easy online maintenance.
- High sensitivity, low pressure loss.
- Double Strainers - inlet & Internal are standard.
- Available for both cold and hot water.
- 100% of the products are calibrated and all calibration results can be provided.

Conformity to Standards and Codes:

Design: IS 779 / ISO 4064

Meter Testing: Approved as per IS 779

Confirms to IS 6784 / ISO 4064 / OIML R-49

Size Range: 15mm (1/2") to 50mm (2")

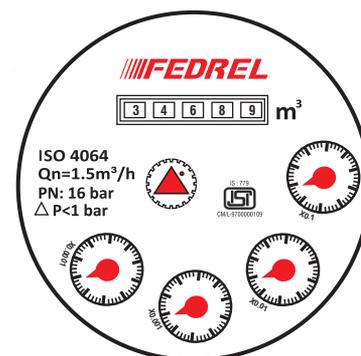
Working Temperature Ratings:

For cold <45°C

For hot <90°C

Applications:

- Apartments & residences
- Industries
- Agriculture



FEDREL

DOC.NO: VAV-C-1016; REV.NO:02; DATE: 19-06-2017



Si'Tarc
Not for Profit Registered Society



12
months
WARRANTY

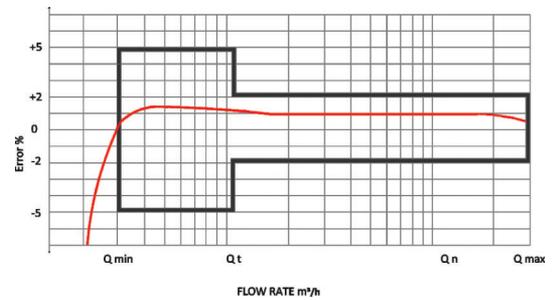


www.fedrelflowmeters.com

METROLOGICAL DATA

| Meter Size (mm) | Class | Q _{max} l/h | Q _n l/h | Q _t l/h | Q _{min} l/h | Max Pressure (Bar) | Min. Reading | Max. Reading |
|-----------------|-------|----------------------|--------------------|--------------------|----------------------|--------------------|--------------|--------------|
| 15 | B | 3000 | 1500 | 120 | 30 | 16 | 0.0001 | 99999.9999 |
| 20 | B | 5000 | 2500 | 200 | 50 | 16 | 0.0001 | 99999.9999 |
| 25 | B | 7000 | 3500 | 280 | 70 | 16 | 0.0001 | 99999.9999 |
| 40 | B | 20000 | 10000 | 800 | 200 | 16 | 0.001 | 99999.9999 |
| 50 | B | 30000 | 15000 | 1200 | 300 | 16 | 0.001 | 99999.9999 |

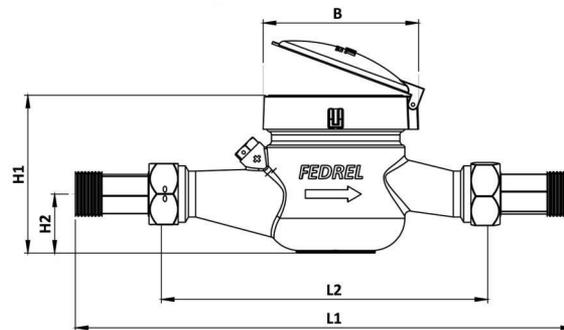
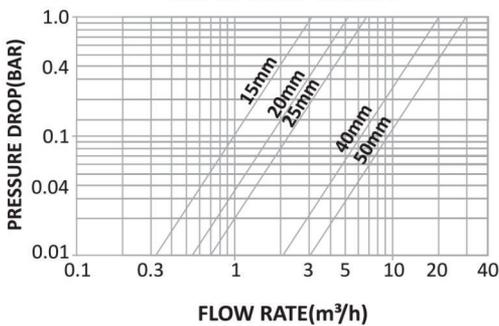
ACCURACY CURVE



DIMENSIONS

| Meter Size (mm) | Length (mm) | | B(mm) | H1+H2(mm) | Connecting Thread(DN) |
|-----------------|------------------|----------------------|-------|-----------|-----------------------|
| | L1(with nipples) | L2 (without nipples) | | | |
| 15 | 250 | 165 | 99 | 104 | G 3/4B |
| 20 | 290 | 190 | 99 | 106 | G 1B |
| 25 | 380 | 260 | 104 | 120 | G.1.25 B |
| 40 | 430 | 300 | 125 | 155 | G 2B |
| 50 | 470 | 330 | 125 | 155 | G 2.5 B |

HEAD LOSS CHART



WARRANTY

All meters are warranted against any manufacturing defect for a period of 12 months from date of supply, provided the meter has not been misused, damaged, installed for services it is not recommended or the seal has been tampered with. The company shall be liable to furnish part/ parts thereof or full water meter as the company may deem fit.

V.A. VALVES

(FLOW METERING DIVISION)

ISO 9001-2008 Certified

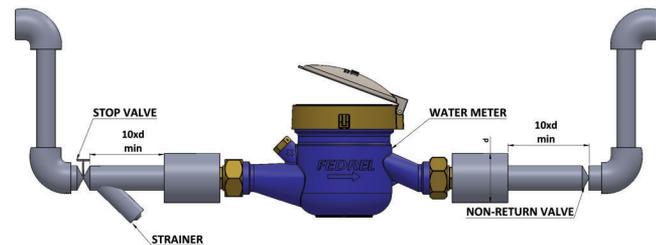
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U-TYPE INSTALLATION DIAGRAM

Authorized Stockist

Our associates:



PIONEERING FLUID CONTROLS