

# WATER METERS/ VOLUMETRIC

**JANZ** LEADING THE  
WATER FUTURE



# JV6000

## VOLUMETRIC METER FOR CLEAN WATER

DN15 to DN20  
(Q3 2,5 to Q3 4 M3/h)

UP to R800

T30 | T50

MAP 10 | MAP 16

MID approved

IoT Ready

Pattern approval according to the most demanding accuracy levels of the OIML-R49;

Composite Body with high mechanical resistance;

High accuracy curve due to the new volumetric chamber technology;

In maximum admissible error (+/- 5%) under 3,0L/h (R800).

# WATER METERS/ VOLUMETRIC



## JV600 OFFERS:

- ✓ Extended curve error accuracy. Exactness from flowrates under the minimum standardized up to the maximum flowrate;
- ✓ Materials consciously selected to be resistant to corrosion and hydrolysis;
- ✓ Composite body with absolute stability to pressure , torsion, compression and temperature;
- ✓ IoT Ready. JV600 has inductive pulse output. that can be equipped with any pulse sensor (ex: JANZ JI for direct coupling) or LPWA sensors such as MYWATER

## OPERATIONAL CHARACTERISTICS

**Maximum Admissible Pressure (BAR) :** MAP 10 | MAP 16

**Temperature Class:** T30 | T50

**Ratio: Q3/Q1 :** Até R800

**Pressure Loss-Class:**  $\Delta P$  40

**Installation Position:** Arbitrary positions

**Flow Profile Sensivity Classes:** U0D0

**Indicating Range (M3):** 9 999 ou 99 999

**Resolution of the indicating device: (L):** 0,02 ou 0,002

**Body :** Compósito

**Ec Type Examination:** TCM 142/14 - 5191 in accordance with Directive 2014/32/EU (new MID), ISO 4064:2014 and Directive 2004/22/EC (MID), EN14154:2005+A1:2007.

# WATER METERS/

## VOLUMETRIC

### TECHNOLOGY



JV600 was developed to accomplish the highest performance standards.

His great design and engineering along with highly detailed raw materials selection criteria guarantees the ideal compromise between sensibility and durability.

» The **Magnetic Coupling** conception reduces the number of mechanic components working into water largely upgrading the reliability of the product. It also ensures an effective protection against external influences.

» The **Hydraulic Chamber** has a new design and a high standard technology witch guarantees the maintenance of the accuracy curve during his life time as long as the capacity to retain particles in suspension avoiding blockage.

As his volumetric chamber is supported in elastic elements JV600 presents a vibration absorption capacity and a low noise level.

» The **Indicator Device** with no gears inside water it has big rollers with great contrast . To obtain a comfortable reading position a 359° rotation is possible as well as an 45° register. Both flat register and 45° register have an anti-fraud alert system (red pin). To prevent water condensation the JV600 indicator device is closed (sealed?) by ultrasounds welding (IP68). For extreme applications an Extra Dry option is also available

» **Pulse Output** : JV600 is equipped with an Inductive pulse output (1pulse = 1 lt). Ready for the most advanced technologies such as IoT (Internet of things)

## TECHNICAL DATA

		R200	R315	R400	R500	R630B	R800
Nominal Diameter	DN	15	15	15	15	15	15
Permanent flowrate	Q3 (m3/h)	2,5	2,5	2,5	2,5	2,5	2,5
Maximum flowrate	Q4 (m3/h)	3,125	3,125	3,125	3,125	3,125	3,125
Transitional flowrate	Q2 (dm3/h)	20	12,70	10,00	8,00	6,35	5,0
Minimal flowrate	Q1 (dm3/h)	12,50	7,94	6,25	5,0	3,97	3,13

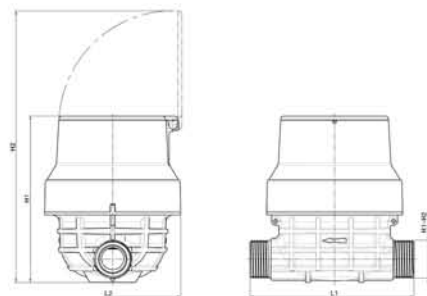
## DIMENSIONS

Nominal Diameter	DN	mm	25
Threaded connect.	R1-R2 <sup>2</sup>	(*)	G 3/4 <sup>3</sup>
Lenght	L1 <sup>1</sup>	mm	165
Height	H1	mm	115,6
Height	H2	mm	175
Width	L4	mm	94,5
Weight		kg	0,461

1-Available in 5 digits 99.999

2- ISO 228 1

3- New version 115 mm G3/48

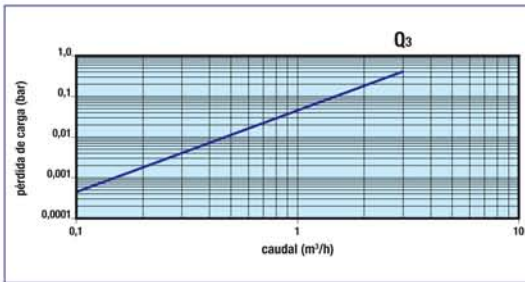


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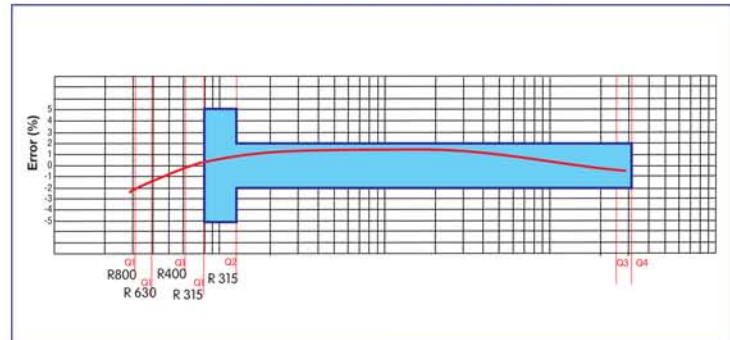
# WATER METERS/ VOLUMETRIC



## HEAD LOSS



## TYPICAL CURVE ERROR



## OPTIONS

### JV600 CAN BE EQUIPPED WITH ADVANCED TECHNOLOGIES:

- » JANZ JI Inductive pulse sensor  
(or any other similar product)
- » LPWA Telemetry System MYWATER  
(or any other similar product)



## READING RESOLUTION

The indicator device presents a resolution of 0,2 or 0,02



## EXTRA DRY

For extreme applications including extended submersion a Super Dry copper-glass can version is available.



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