

SJ PLUS/EVO



SJ



SJ EVO

SUPERDRY SINGLE JET METER

SJ Plus / Evo represents the new generation of single jet meter for residential use. The innovative automated production line combines high production capacity with the highest quality. Sj Plus/Evo achieves the highest metrological performance in its category. It can be equipped with the latest remote data transmission technologies.

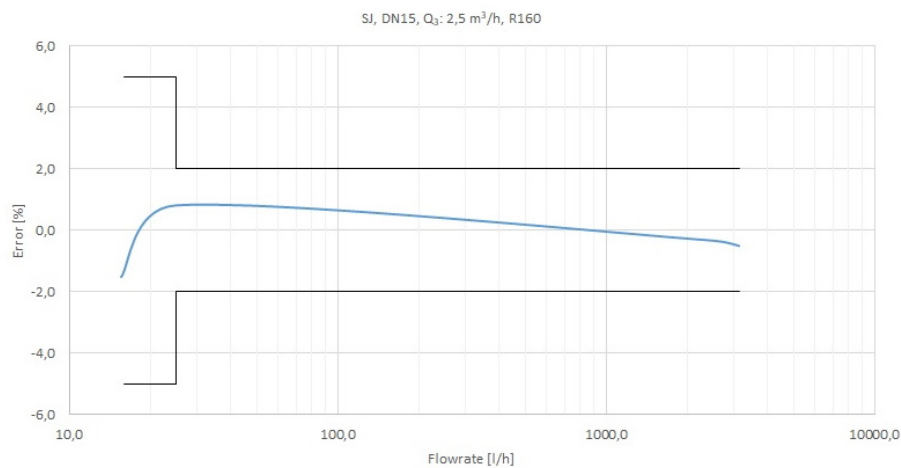
SJ PLUS/EVO

FEATURES

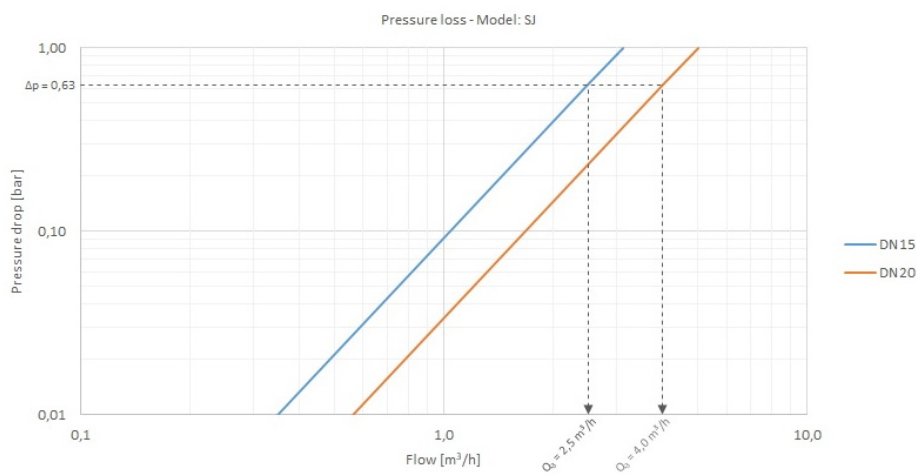
- Superdry single jet meter for hot or cold water
- Ideal for domestic indoor divisional applications (submetering)
- MID-certified: R max 160 ▪ DN: 15 and 20
- Options available for reed switch (Plus) or static (Evo) pulse emitter)
- Health certifications available for a number of countries
- Supports various installation positions
- High protection against external magnetic fields
- Register can be rotated 360°
- Can be provided fitted with wired or radio communication module



TYPICAL ERROR CURVE



HEAD LOSS DIAGRAM



HYDRAULIC PERFORMANCE

Size	mm	15	20
	in	½	¾

Modulo B no. TCM 142/20 – 5700

Modulo D no. 0119-SJ-A010-08

Q ₃ /Q ₁ = R Referred to installation position	H↑ ≤ 100 H→; V↓ ≤ 50 V↑ ≤ 40	H↑ ≤ 160 H→; V↓ ≤ 80 V↑ ≤ 63	H↑ ≤ 100 H→; V↓ ≤ 50 V↑ ≤ 40	H↑ ≤ 160 H→; V↓ ≤ 80 V↑ ≤ 63
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MID standard performance *

Q ₃	m³/h	1,6	2,5	4
Q ₄	m³/h	2	3,13	5

R 100

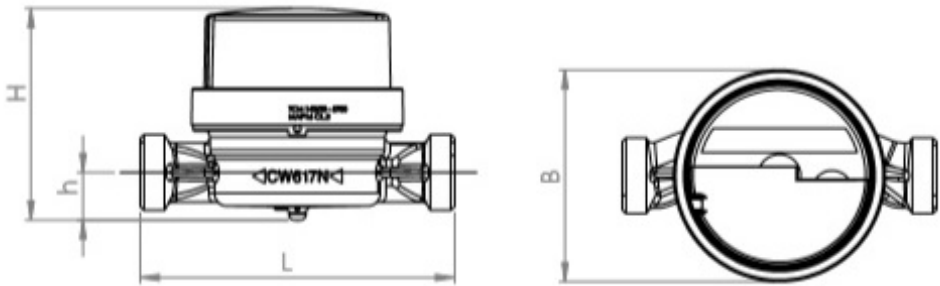
Q ₁	l/h	16	25	40
Q ₂	l/h	25,60	40	64

* Other values of R available upon request.

TECHNICAL DATA

Maximum permissible error between Q ₁ and Q ₂ (excluded)	+/- 5%			
Maximum permissible error between Q ₂ (included) and Q ₄	+/- 2% with water temperature ≤ 30°C +/- 3% with water temperature > 30°C			
Temperature class	T30, T50, T30/90			
Flow profile sensitivity classes	U0 – D0			
Starting flow rate	l/h	6	8	
Head loss	ΔP63			
Nominal pressure	bar	16		
Maximum reading	m³	100.000		
Minimum reading	m³	0,05		
Indicative weight	kg	0,35	0,45	

DIMENSIONS



Size	mm	15	20
	in	1/2	3/4
Thread	in	G 3/4 B	G 1 B
L	mm	80*/110/115/120/130 *only Q ₃ 2,5 R ≤H100 VR63	115/130
H	mm	74	
h	mm	11,7	16,7
B	mm	65	

COMMUNICATION MODULES



M-BUS^{EVO}




RADIO^{EVO} 868





REED SWITCH per SJ PLUS

For more information on all the accessories available, consult the specific technical data sheets on the website www.maddalena.it