



Bulk Water Management Solution

The bulk solution consists of a bulk class B meter and hydraulic bulk valve which is then controlled by a Inzalo Utility Systems Water Management Device.

METER

Size	Type	Class	Max Flow (m3/h)	Nominal Flow (m3/h)	Transitional Flow (m3/h)	Min Flow (m3)	Min Reading (m3)	Max Reading (m3)	Factor	Pulse Value (per Pulse)	Length (mm)	Replaceable Meter Mechanism
40mm	LXLC-40	B	20	10	0,8	0,2	0,0005	999 999	x1	100l	200	YES
50mm	LXLC-50	B	30	15	3	0,45	0,0005	999 999	x1	100l	200	YES
80mm	LXLC-80	B	80	40	8	1,2	0,002	999 999	x1	100l	225	YES
100mm	LXLC-100	B	120	60	12	1,8	0,002	999 999	x1	100l	250	YES
150mm	LXLC-150	B	300	150	30	4,5	0,002	999 999	x1	100l	300	YES
200mm	LXLC-200	B	500	250	50	7,5	0,002	999 999	x1	100l	350	YES

VALVE

Type	Kv Value (l/sec)	Max Flow (l/sec)	Min (mm) (l/sec)	Length
40mm#106-PG-WDM	7,6	8	0,1	229
50mm#106-PG-WDM	13	13	0,3	238
80mm#206-PG-WDM	14	19	0,3	305
100mm#206-PG-WDM	36	37	0,3	381
150mm#206-PG-WDM	60	65	0,6	511
200mm#S206-PG-WDM	120	145	0,1	635

Water Management Device (WMD)

Type	Radio Frequency	Functionality
WMD	433/868Mhz	Flow Limitation, Pre-Paid, Free Flow. AMI, AMR
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Compliance

SANS 1529-1, ISO4064, SANS1123, ISO9001-2015, ICASA, CE, SAFETY, NRCS

Must be installed on a Horizontal Pipeline only.

Pipeline must be flushed before installation.

Meters must be constantly full of water during operation.

Water temperature - Max 50 degrees C / Minimum 0.1 degrees C (unfrozen)

Nominal Pressure - 16 Bar