

# INTELLIGENT FLOW REGULATING DEVICE **IFRD** DEMAND MANAGEMENT



Aqua-loc patented Flow Regulating Device.



## Unique application to the Aqualoc Water Management System.

- ♥ IFRD and Blanking Plug (No meter)
- ♥ IFRD is available in 4,6,8,10,15 litres per minute and easily upgraded in a two minute exercise.
- ♥ Metering optional huge cost savings when not billing consumer
- ♥ IFRD – unique water savings device which can maintain a constant flow irrespective of variable water pressures
- ♥ IFRD SABS approved
- ♥ Credit management allowable under 10L per minute
- ♥ No influencing of meter due to unique configuration with IFRD after the meter



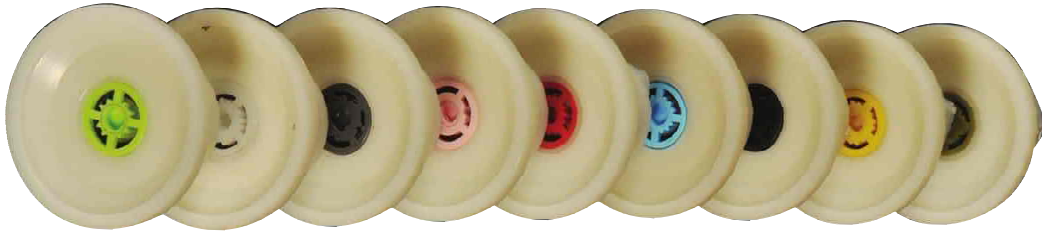
*Drop... by drop*



**Aqua-loc**  
...when every drop counts



# IFRD INTELLIGENT FLOW REGULATING DEVICE DEMAND MANAGEMENT



I.F.R.D – Optional management capabilities with metering with fully SABS approved 1,5m<sup>3</sup>/h (15mm) and 2,5m<sup>3</sup>/h (20mm) class c with pulse output

**Tabulation comparing various IFRD'S versus full flow values.**

Pressure (bar)	Intelligent Flow Regulating Device					Full Flow	
	Flow in litre per hour					15 mm pipe	20 mm pipe
	2	4	6	8	10		
1	120	240	360	480	600	5 395	9 592
2	120	240	360	480	600	7 630	13 565
3	120	240	360	480	600	9 345	16 613
4	120	240	360	480	600	10 791	19 183
5	120	240	360	480	600	12 064	21 447
6	120	240	360	480	600	13 216	23 495
7	120	240	360	480	600	14 275	25 377
8	120	240	360	480	600	15 260	27 129
9	120	240	360	480	600	16 186	28 775
10	120	240	360	480	600	17 061	30 331
11	120	240	360	480	600	17 894	31 812
12	120	240	360	480	600	18 690	33 226

