



FONTA

The Water Switch

WATER SWITCH

The switch of all switches. Mechanism with no usual solenoid valves or clogging usual switch parts.

Will work with any nozzles to any height and no special micron filters are required

This water switch works in different way, problem free way, in very good LPM to Head ratio.

Switch normally directs water to nozzle. When 24VDC signal opens discharge valve, water flow is redirected to waste and flows under switching unit body.

No usual solenoid valves that shuts water flow and can cause water hammer.

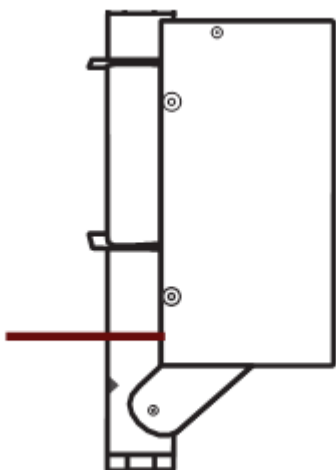
No small ports, diverting mechanical parts and small channels that are usual for water switches and gets stuck time after time.



Advantages:

- Durable, reliable, no maintains required
- Can operate hi water jets up to 110 L/min.
- Low requirements for water quality
- Can be controlled via DMX using DMX to analog signal converter
- No water hammer fault possibility
- No micron filter is required
- No need for hi pressure pumps to achieve hi nozzle jets
- Compact size for tight places
- Very quiet

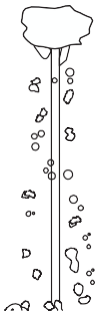
195 mm



345 mm

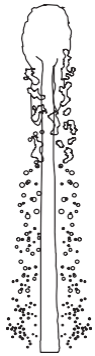


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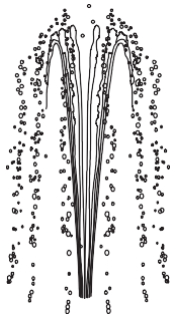
12mm Smooth Nozzle

M	Bar.	Head	LPM
0.5	0.15	1.50	28
1	0.2	2.00	35
1.5	0.35	3.50	42
2	0.45	4.50	45
2.5	0.55	5.50	52
3	0.65	6.50	55
3.5	0.75	7.50	61
4	0.85	8.50	64



Foaming Nozzle

M	Bar.	Head	LPM
1	0.4	4.00	37
1.5	0.5	5.00	54
2	0.65	6.50	61
2.5	0.76	7.60	68
3	0.85	8.50	71
3.5	0.96	9.60	78
4	1.07	10.70	85

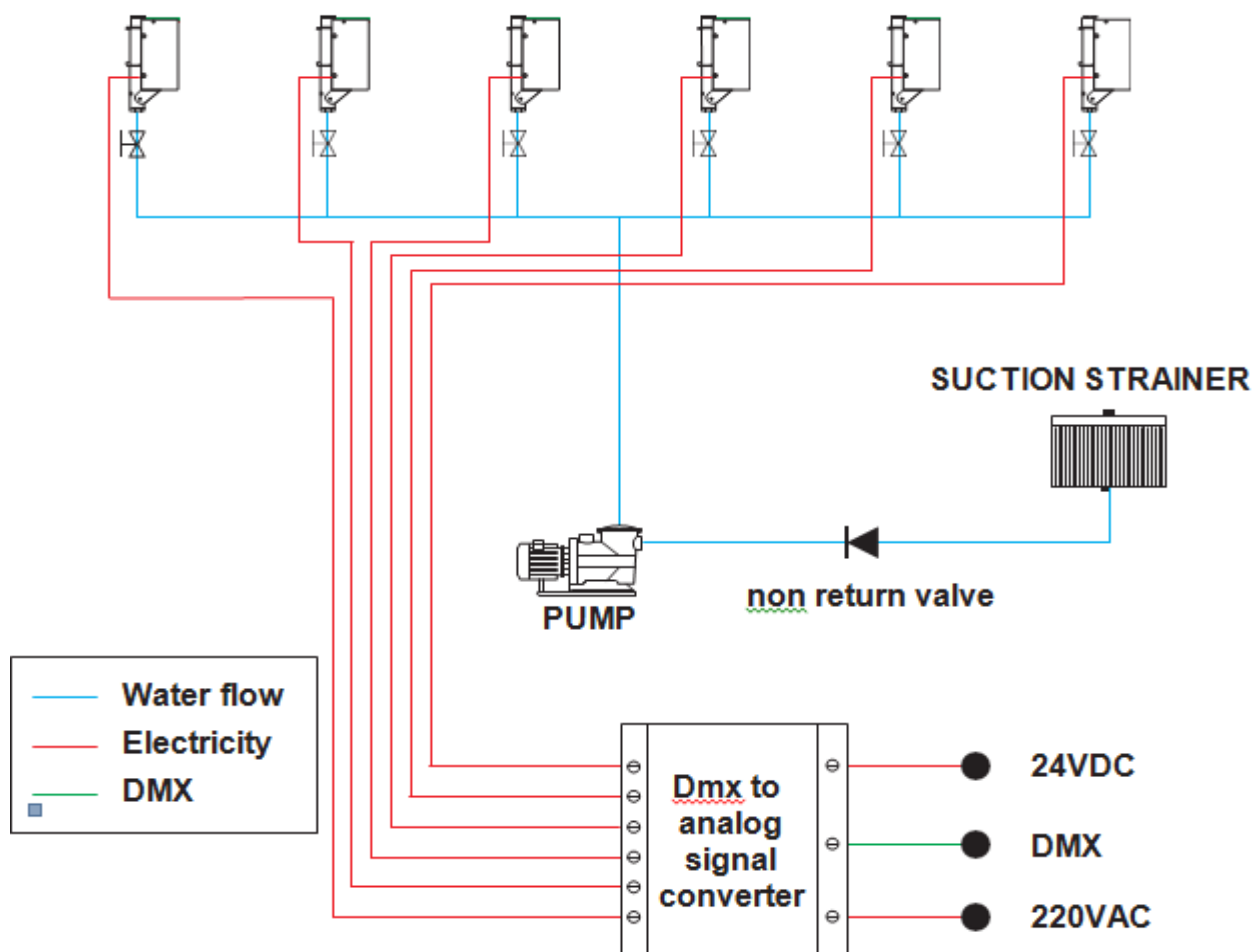


Multi Jet Nozzle

M	Bar.	Head	LPM
0.5	0.2	2.00	35
1	0.35	3.50	43
1.5	0.44	4.40	51
2	0.6	6.00	59
2.5	0.75	7.50	67
3	0.9	9.00	74
3.5	1.05	10.50	81



CONNECTION DIAGRAM



- 24VDC 30W bipolar connection switching mechanism
- 24VDC DMX LED Light
- Switching up to 10 times/sec.
- Switching unit operates water flow up to 110 LPM
- 1" connection
- All stainless steel body parts
- Switching unit is water level independent, also can work underwater
- Depend on chosen nozzle, required suction strainer filter 3mm