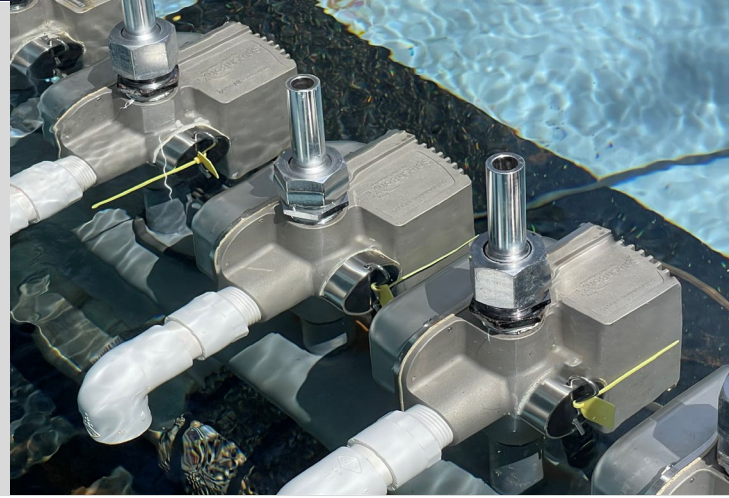


SplashBotix SplashValve

Fast-acting proportional flow control technology designed to enable the next generation of aquatic features and installations.



A True Game Changer

A fast-acting diverter valve, the SplashValve significantly improves flow control within fountains and aquatic features by enabling designers to run any number of independent effect nozzles on a single supply manifold.





The SplashValve replaces water switches, solenoid valves and independent effect pumps to provide proportional flow control for each effect nozzle while maintaining near-constant manifold pressure.

Capable of switching between full effect and bypass in less than a quarter of a second, the SplashValve is hyper responsive and enables highly advanced water features and effects.

An 8-bit DMX/RDM device, the SplashValve can switch among as many as 255 different proportional flow positions in DMX.

Its low-voltage, low-power operating requirement, seal-less clog-proof design and high-quality 316 stainless steel construction makes the SplashValve intrinsically safe, highly reliable and long-lasting.

Benefits

-  Intrinsically safe, low-voltage, low-power operation
-  High quality 100% 316 stainless steel construction
-  Reliable, seal-less and clog-proof design
-  Easily controllable in DMX/RDM

Specifications

Dimensions	165 mm x 125 mm x 128 mm 6.5" L x 4.9" W x 5" H
Weight	5.25 kg / 13.5 lbs 316 Stainless Steel, Delrin, & UHMW
Power	Each SplashValve runs on 39 W, 12 VAC <u>OR</u> 24 VDC
Max PSI	50
Max GPM	115
Cycle Time	.23 seconds from 0 – full effect
Communication	DMX/RDM [with extended RDM functionality]

Cable Options and Compatible SplashValve Part Numbers

3 M HOMERUN ONLY – Single cable system	SplashValve Part Number: 072089W004 3 M single hybrid submersible power & DMX cable w/pigtail, 5-core cable
3 M MULTI-DROP DMX – Up to 30 devices on a single run	SplashValve Part Number: 072089W005 3 M single hybrid submersible power & DMX cable w/pigtail, 7-core cable

**Cut sheets subject to change without notice. Please check back frequently for updates.*

SplashValve

Diverter Valve

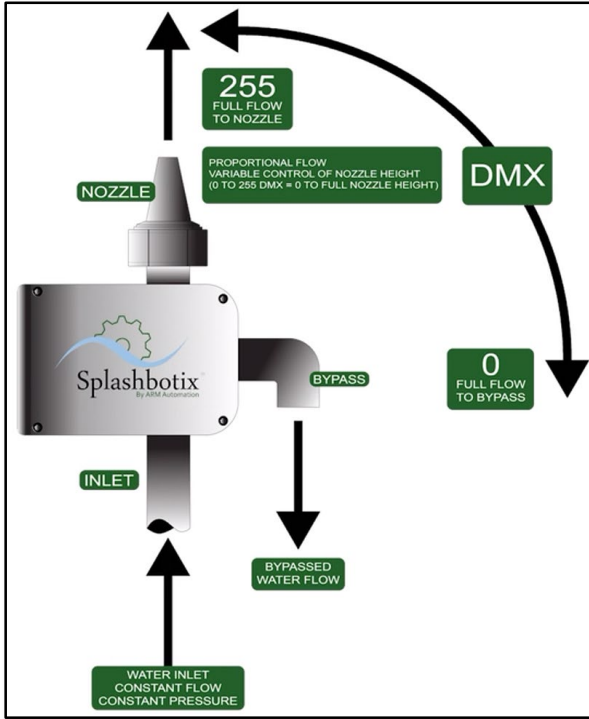
14121 W Highway 290 STE 4 | Austin, TX 78737

Tel: 512-894-3534 | info@splashbotix.com | splashbotix.com



SplashBotix SplashValve

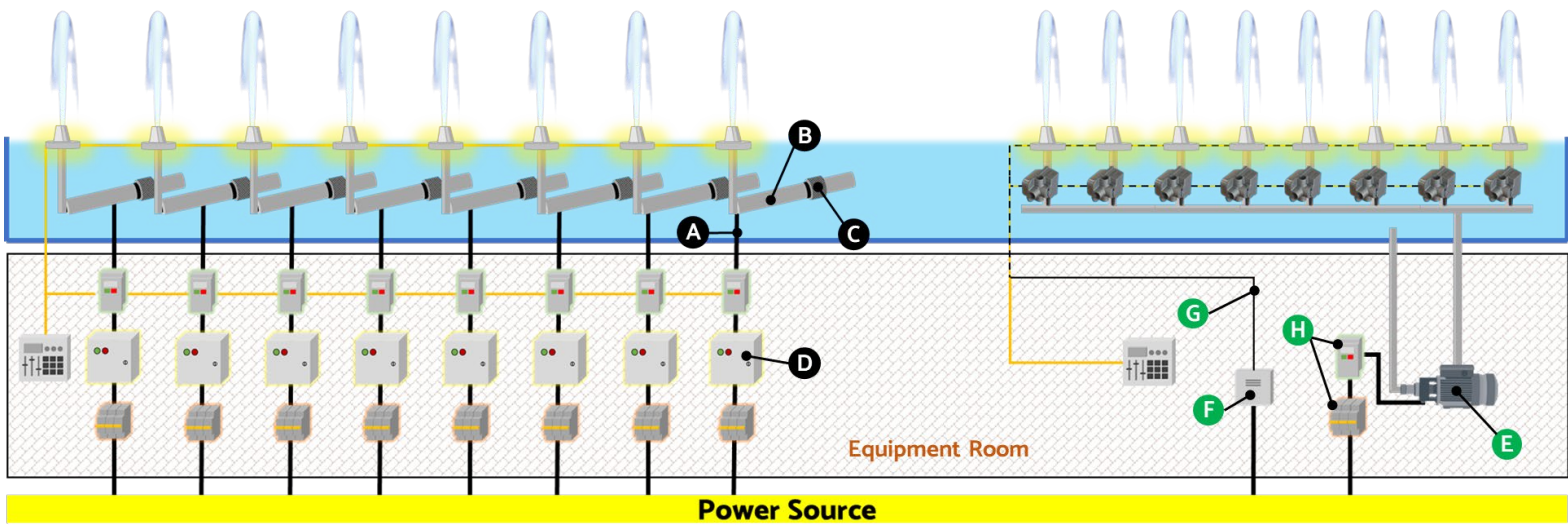
Fast-acting proportional flow control technology designed to enable the next generation of aquatic features and installations.



Streamline Your Aquatic Infrastructure with the SplashValve

Unlike water switches, the SplashValve doesn't use a snorkel to modulate the pressure of its water supply feed to execute different feature effects; it merely changes the water's direction. In this system, the water supplied to the valve never stops flowing, making the SplashValve virtually lossless in terms of its ability to make complete use of the pressure supplied to it.

The SplashValve also enables owners and operators to reduce their supply infrastructure by replacing each effect nozzle's submersible pump with a single dry pump capable of supplying multiple effect nozzles via a common manifold. By scaling back the supply infrastructure, the SplashValve dramatically reduces owners' and operators' electrical infrastructure, as reflected in the infographic below. This "streamlining" effect facilitates an inherently safer and more space- and resource- efficient installation featuring lower voltage, and fewer overall, power cables and equipment.



8-Feature Fountain Using Conventional Submersible Pumps, VFDs and GFCIs

- A** High voltage/high current cables in aquatic environment ⚠️
- B** Multiple large submersible pumps
- C** High maintenance mesh filters
- D** Large, complex electrical infrastructure

KEY



8-Feature Fountain Using the SplashValve

- E** Single "dry" pump supplies multiple nozzles on common manifold
- F** 24VDC supply or small 12VAC pool-rated transformer powers multiple SplashValves
- G** Low voltage supply facilitates inherently safe aquatic environment
- H** Minimal electrical infrastructure: no GFCIs and just one VFD and fuse per common manifold

SplashValve
Diverter Valve

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