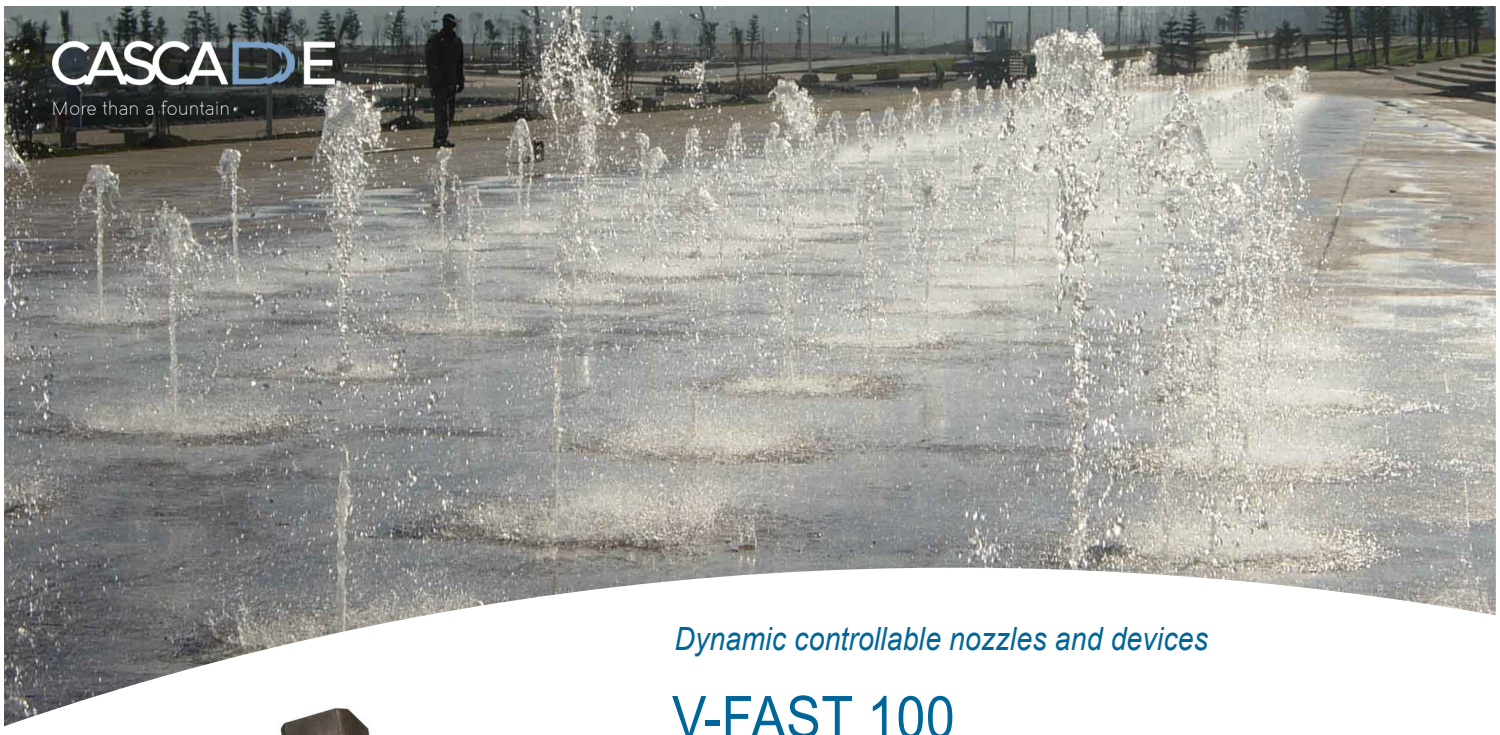


Dynamic controllable nozzles and devices

V-FAST 100



IP68 | 3-WAY VALVE | < 0.1 s ON-OFF | 100% METAL | PLASTIC FREE | MADE IN ITALY

- Made of stainless steel, brass and aluminum
- Three-way pneumatic valve with 360° adjustable drain
- Quick ON-OFF switching effect
- Less than 0.1 s switching time
- IP68 suitable for permanent immersion
- DMX controllable by means of DMX-PWM4 Converter

The V-Fast 100 three-way pneumatic valve is made of nickel-plated brass, with 1″ connections and third way rotating in possibly 4 different positions on a 360° angle.

Actuator with aluminum body and internal stainless steel and brass components, complete with two M5 quick connections. Minimum air response time less than a tenth of second. Actuator working pressure: 1 bar minimum – 10 bar maximum.

5/2-way monostable driving electrovalve with spring return, working pressure from 2 up to 10 bar, 1/8″ connections, anodized varnished aluminum body, NBR gaskets. 24 Vac solenoid voltage, 3 VA minimum power. Working temperature from 10°C up to +60°C. To be placed inside the technical room. Quick nickel-plated brass connections, of which two M5 x 6 actuator side and three 1/8″ x 6 electrovalve side. Brass silencer, 1/8″ connection to be mounted on the two electrovalve drains.

TIPS FOR USE AND APPLICATIONS

One of a kind pneumatic valve, especially suitable for musical or dynamic fountains, when is required a high activation and deactivation speed of the water jet.

Used for sequence effects, it creates highly impressive shows.

Particular attention was paid both to the valve design and to its use. Thanks to an adapter, the valve can be used with 2 or 3 ways.

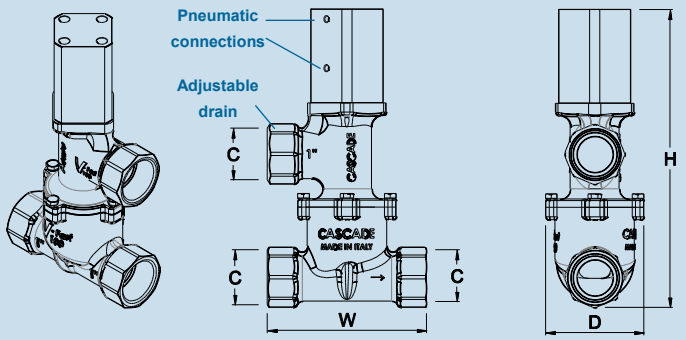
The third way, which can rotate, allows to balance the water jet flow rate also when the valve is closed; in that way the valve functioning does not affect the other water jets when more nozzles are mounted in a row on a single manifold.

The nickel-plated body and the IP68 actuator allow to use the valve underwater.

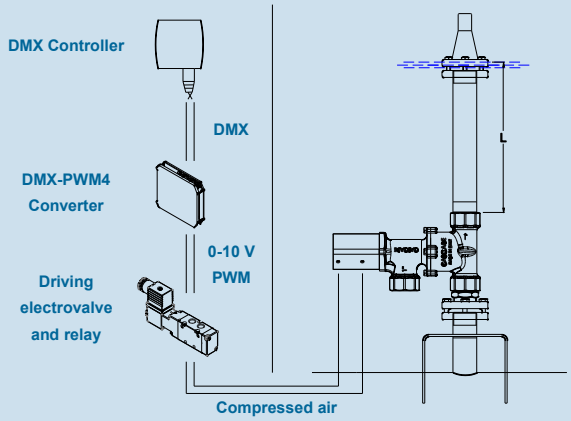
The internal structure with total water passage allows to minimize pressure drops and, thus, to reach significant heights with bigger jets and flow rates compared to other common switching devices.

It can be made compatible and controllable by DMX-RDM protocol by using the DMX-PWM4 Converter.

DIMENSIONS



APPLICATION



	V-FAST 100 PNEUMATIC VALVE	DRIVING ELECTROVALVE	CONNECTIONS	SILENCER	COMPRESSOR
CODE	FAST100	FAST100PI	FAST100RA	FAST100SI	UPON REQUEST
H	206 mm	–	–	–	–
W	110 mm	–	–	–	–
D	68 mm	–	–	–	–
L	Variable	–	–	–	–
C	1 "	–	–	–	–
NO. OF WAYS	2 o 3	5/2	–	–	–
SUPPLY VOLTAGE	–	24 V_{DC}	–	–	–
MAX ABSORBED POWER	–	3 VA	–	–	–
MIN | MAX WORKING PRESSURE	1 bar | 10 bar	2 bar | 10 bar	–	–	–
MINIMUM SWITCHING TIME	< 0,1 s	< 0,1 s	–	–	–
PNEUMATIC CONNECTIONS	M5	1/8 "	–	1/8 "	–
PROTECTION LEVEL	IP68	–	–	–	–
MATERIAL	Nickel-plated brass, stainless steel, aluminum	Anodized aluminum	Nickel-plated brass	Brass	–
WEIGHT	2.2 Kg	–	–	–	–

FAST 100	
FLOW RATE [l/min]	HEAD [mWC]
30	0.66
45	1.51
60	2.68
75	4.02
90	5.86
105	8.09
120	10.6
135	13.43
150	16.6

