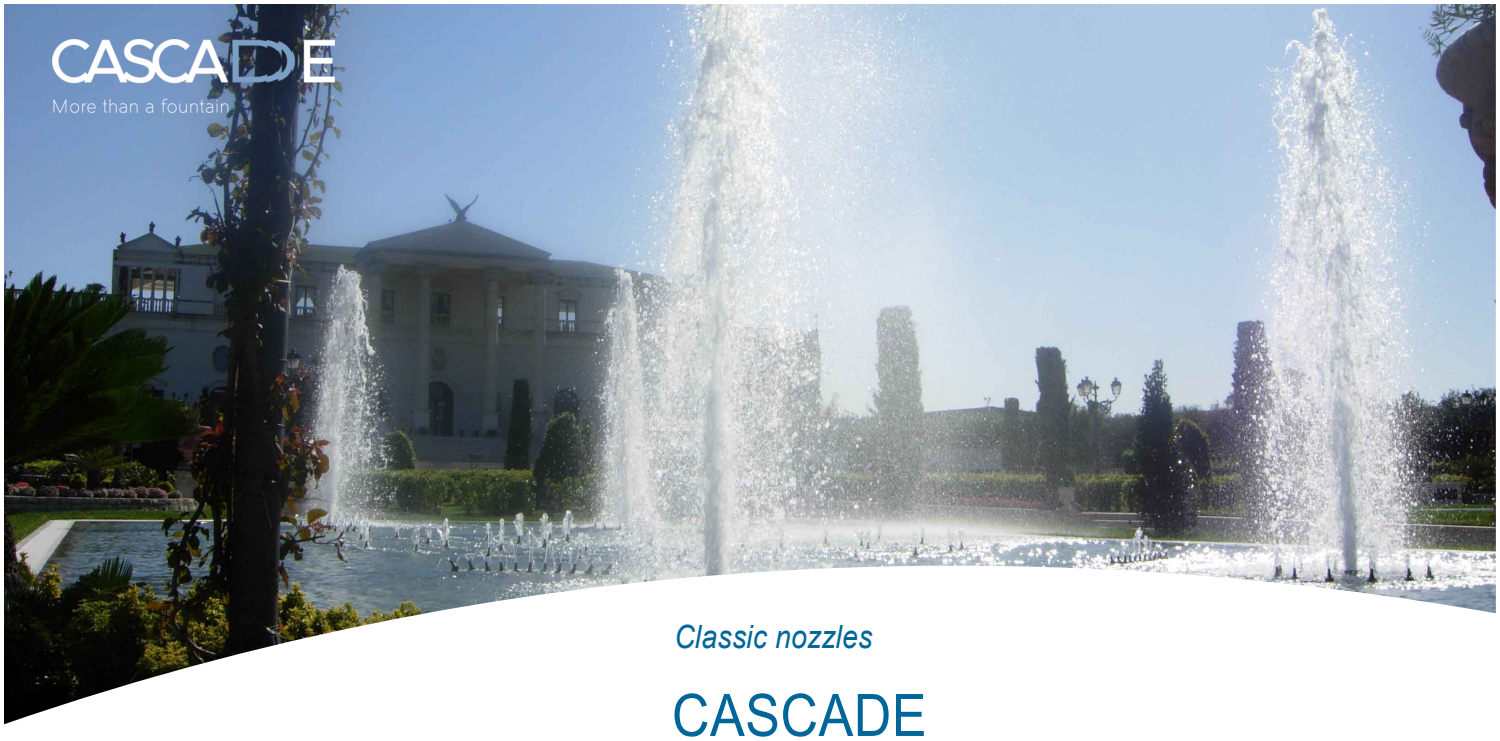


Classic nozzles

CASCADE

100% METAL | PLASTIC FREE | INFINITE LIFETIME | MADE IN ITALY



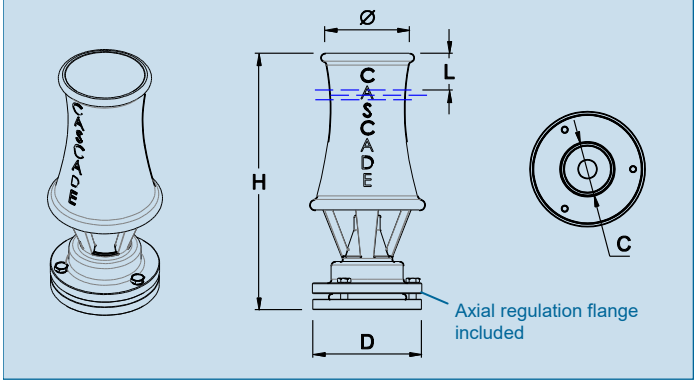
- Made of brass and bronze
- Foamy water jet shaped like a spruce
- Axial regulation flange included in the nozzle
- Dependent on the water level

The Cascade fountain nozzle is entirely made of brass and bronze and it is complete with flange for axial regulation.
Its correct functioning depends on the water level and it is based on a high water – air mix.
The resulting effect is a foamy water jet shaped like a spruce or cone.

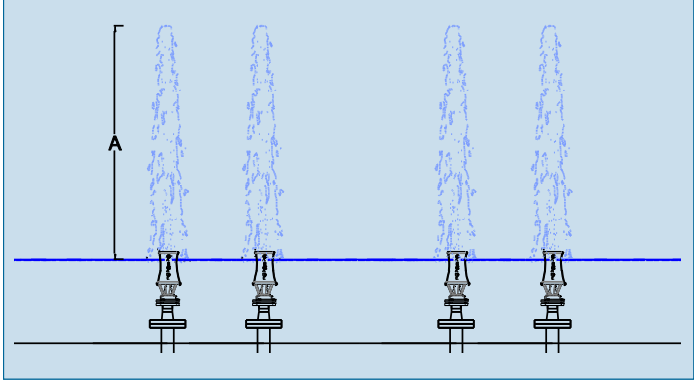
TIPS FOR USE AND APPLICATIONS

The flange included in the nozzle makes its axial regulation easy, fast and durable. Once regulated, the bolted flange prevents the movement of the nozzle, even accidental.
The high water and air mix makes the water jet very hefty and visible, even at distance according to the jet height. It is ideal for basins of medium and big dimensions thanks to the large water movement produced (see the PREASSEMBLED FOUNTAINS WITH TANK section).
The water jet density makes it also resistant to moderate wind.
In order to have the nozzle work correctly, which depends on the water level, and to avoid the “wave effect” that produces an increasing bouncing of the water jet, it we suggest to use the Cascade in wide basins, possibly with infinity edge. When this is not possible, we suggest the use of the breakwater ring.
Underwater lighting: to enhance the water effect with monochrome or RGBW lighting features we recommend the use of the Mizar underwater LED fountain lights, professional products specific for fountain illumination, of refined design, cutting-edge technology and amazing lighting outcomes.

DIMENSIONS



APPLICATION



	CASCADE 50	CASCADE 70	CASCADE 90	CASCADE 110	CASCADE 130
CODE	CS50	CS70	CS90	CS110	CS130
H	175 mm	245 mm	280 mm	345 mm	415 mm
D	65 mm	108 mm	128 mm	146 mm	180 mm
L	27 mm	40 mm	45 mm	58 mm	65 mm
Ø	50 mm	75 mm	91 mm	111 mm	130 mm
C	1 " F	1 1/2 " F	2 " F	2 1/2 " F	3 " F
MAXIMUM HEIGHT*	3 m	6 m	10 m	14 m	20 m
MATERIAL			Brass and bronze		
WEIGHT	1.05 kg	2.4 kg	4.4 kg	8.5 kg	11.3 kg

*maximum recommended height of the water jet.

WATER JET HEIGHT A [m]	CS50		CS70		CS90		CS110		CS130	
	FLOW RATE [l/min]	HEAD [mWC]	FLOW RATE [l/min]	HEAD [mWC]	FLOW RATE [l/min]	HEAD [mWC]	FLOW RATE [l/min]	HEAD [mWC]	FLOW RATE [l/min]	HEAD [mWC]
0.50	33	2.7	62	2.2	124	2.5	180	2.7		
0.75	40	4.2	76	3.3	143	3.4	210	3.5		
1.00	46	5.5	85	4.2	161	4.3	245	4.2	345	3.9
1.50	56	8.3	107	6.0	192	6.1	300	6.1	417	5.9
2.00	65	11.0	124	7.5	218	7.8	340	7.8	478	7.5
2.50	72	13.8	140	10.0	240	9.6	380	9.8	532	9.2
3.00	80	16.5	152	12.0	261	11.3	410	11.6	581	11.0
3.50			163	13.9	282	13.1	442	12.7	630	12.6
4.00			175	16.0	300	15.0	470	15.0	670	14.7
4.50			181	18.5	316	17.9	495	16.6	705	16.3
5.00			196	20.0	334	18.5	525	18.5	746	18.2
6.00			215	24.0	365	22.0	570	22.1	816	21.8
7.00					395	25.3	610	25.4	878	25.0
8.00					419	29.1	660	29.3	940	29.0
9.00					445	32.6	695	32.8	1000	32.5
10.00					470	36.3	735	36.9	1050	36.1
12.00							810	44.2	1150	43.3
14.00							870	51.4	1240	50.4
16.00									1326	59.6
18.00									1405	64.7
20.00									1481	71.8

ACCESSORIES	CODE
BREAKWATER RING	ANFR150 - ANFR200 - ANFR250