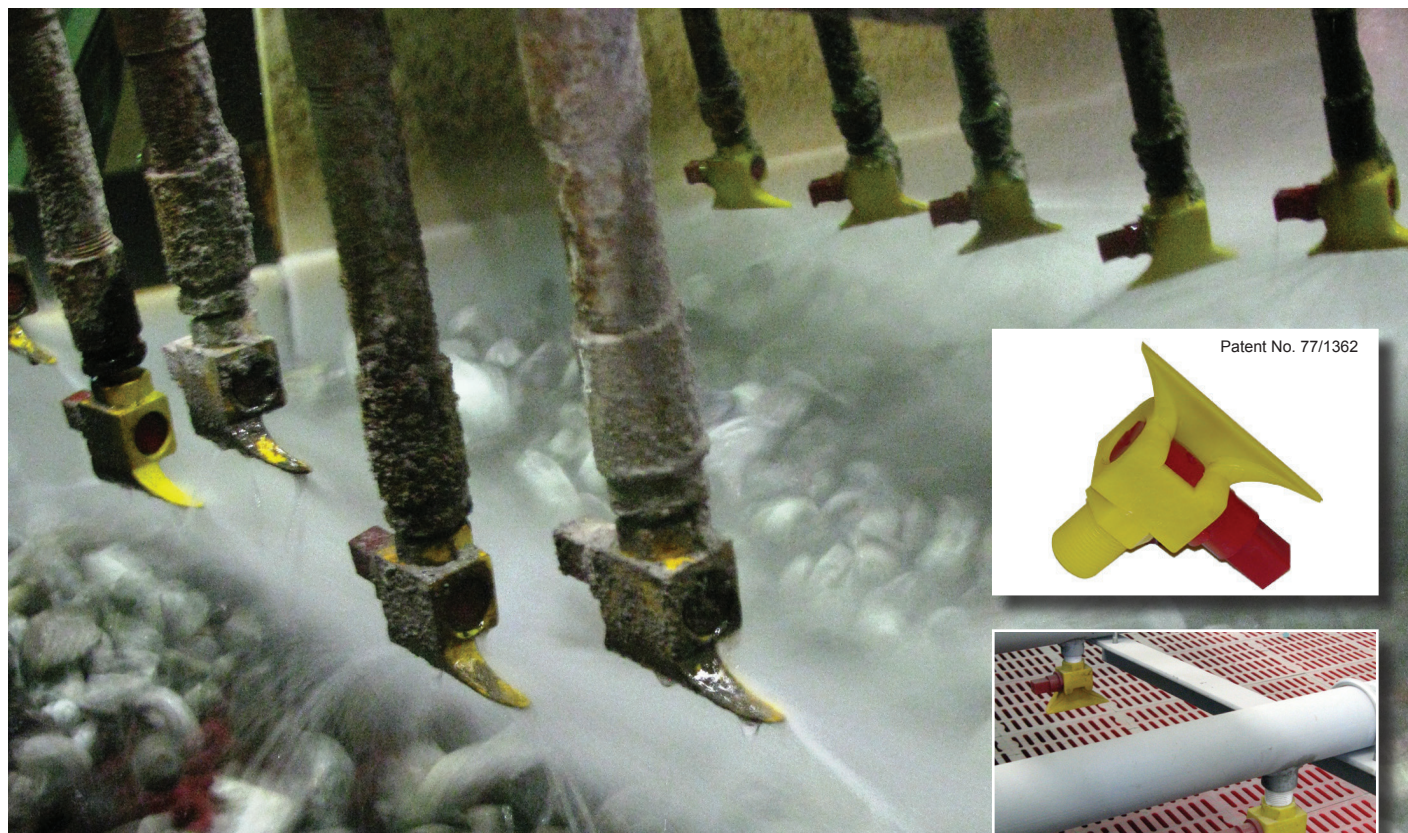


# Spray Nozzles



## DESCRIPTION

Applications that require large amounts of water for washing and cleaning rock need a durable, dependable and economical way to provide consistent flow. Steel nozzles become worn and are easily clogged, both of which reduce effective water flow.

## BENEFITS

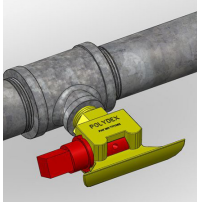
Our patented, self-cleaning polyurethane spray nozzle design has no metal parts to rust and corrode and is sturdy enough to stand up to whatever volume of water your application requires. They are injection molded with a one-piece distribution flange, a 3/4" male threaded coupling and an interchangeable core with varying opening sizes. The result is a high-quality yet light weight nozzle that produces a wide, uniform knife edge of water at both high and low water pressures. Because of the wide distribution pattern from Polydeck spray nozzle heads, fewer spray heads are required per screen width.

## OPTIONS

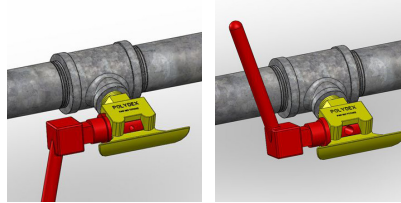
Polydeck spray nozzles are available with 5 different center core opening sizes - 5mm, 7mm, 9mm, 11mm and 13mm. If your water volume needs change, the center core can easily be removed and replaced with another opening size. An optional handle is also available to make adjusting the water flow and direction even easier and a 3/4" NPT female to female coupler can be added to the spray head to convert it to a female threaded coupling.

## The Self-cleaning Design of the Polydeck Spray Nozzle

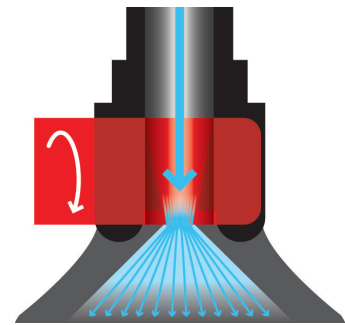
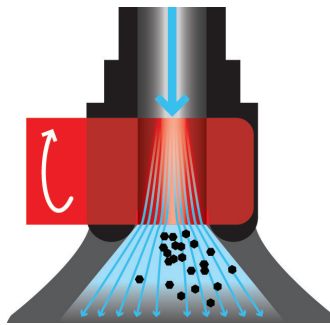
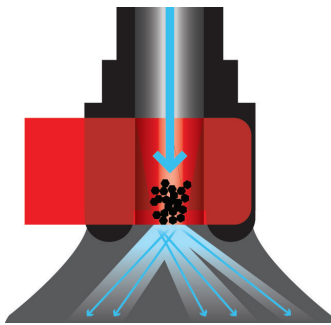
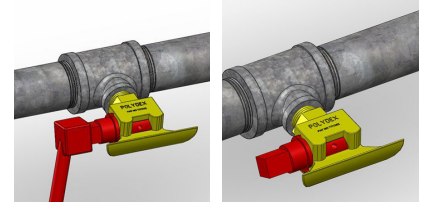
Spray nozzle openings can become clogged with fine particles, which disrupt the even spray pattern and can ultimately block the flow of water entirely.



Polydeck's unique spray nozzle design features a rotating center core and a graduated orifice shape so that the core can be rotated one-half turn, thereby flushing the particles from the nozzle opening.



Then by simply reversing the rotation of the center core, the Polydeck spray nozzle is returned to its optimum operating condition...quickly, simply and effectively.



### Spray Nozzle Capacity

NOZZLE ORIFICE	PRESSURE (PSI)						
	15	20	30	40	60	80	100
<b>5mm (.197")</b>							
1. Capacity (gpm)	2.6	3.2	3.8	4.3	5.5	6.3	7.2
2. Spray width (inches)							
a. 8" } Distance from nozzle	18"	20"	22"	24"	25"	26"	28"
b. 12" }	24"	26"	30"	31"	32"	33"	34"
c. 16"	30"	32"	36"	37"	38"	39"	40"
<b>7mm (.275")</b>							
1. Capacity (gpm)	4.5	5.4	6.3	7.5	9.0	10.6	12.0
2. Spray width (inches)							
a. 8" } Distance from nozzle	23"	24"	26"	28"	29"	30"	32"
b. 12" }	31"	32"	34"	36"	37"	38"	40"
c. 16"	38"	40"	42"	44"	47"	49"	53"
<b>9mm (.354")</b>							
1. Capacity (gpm)	5.3	6.1	7.3	8.5	10.6	12.0	13.0
2. Spray width (inches)							
a. 8" } Distance from nozzle	23"	24"	26"	28"	29"	30"	32"
b. 12" }	31"	34"	38"	40"	41"	42"	44"
c. 16"	42"	46"	48"	50"	53"	55"	59"

