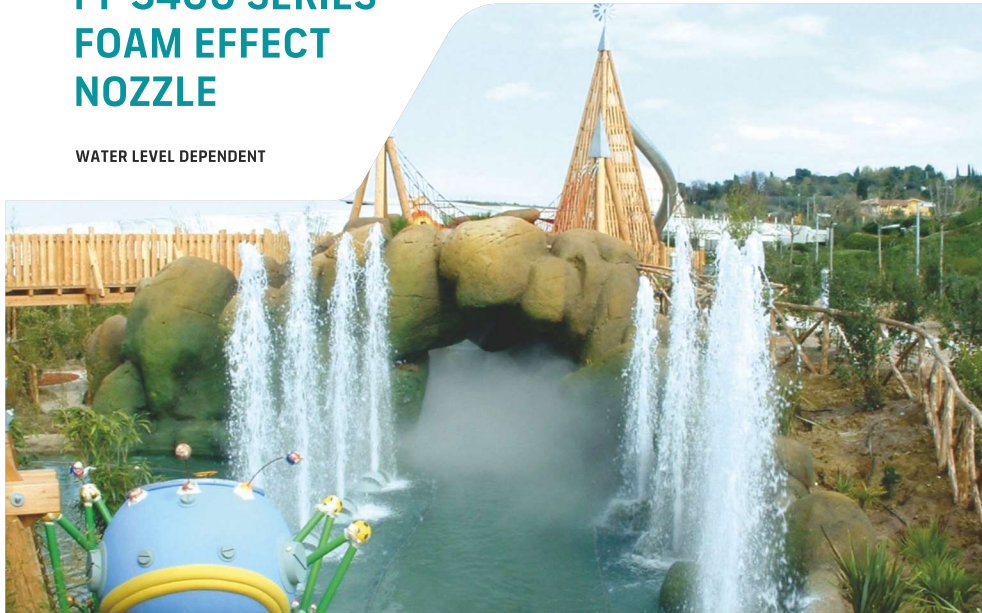


CASCADE JET PF 3400 SERIES FOAM EFFECT NOZZLE

WATER LEVEL DEPENDENT



DESIGN / APPLICATION DATA:

The Cascade nozzles produce a graceful conical shaped while display. The water level dependent aerated display is suitable for clam to light wind conditions. Exhibits excellent light reflecting properties. Because of the injection effect, the surrounding water and air are sucked in, intensively mixed and thrown high in to the air by the injector jet.

However the water pattern changes with varying water levels, when below the standard water level the jet is thinner but also higher, when above it is fuller but also lower, when the waves become stronger the fountains begin to dance. Often seen as a very interesting special effect.

Note: Return valve must be provided in installations with different water levels, otherwise when switching off the water level since to the injection height.

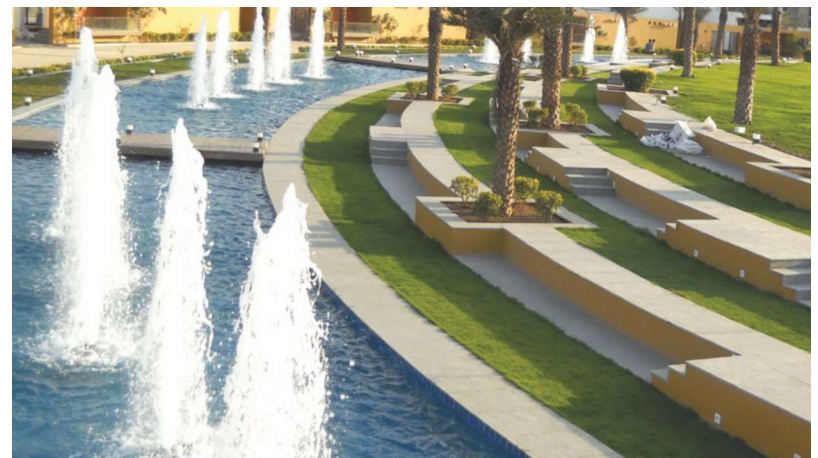
SPECIFICATION DATA:

Material of construction is machined cast bronze natural finish.

OPERATING DATA:

Noise	: Good
Visibility	: Very Good
Splash/Mist	: Moderate
Wind Stability	: Excellent
Aeration Quality	: Excellent

Aquascape®
India





HYDRAULIC DATA

Model No.	BSP/ NPT	Dimension A (mm)	Dimension B (mm)	Orifice C (mm)	Water Level W (mm)		Stream Height in Meter											
							0.50	1.00	1.50	2.00	3.00	4.00	5.00	6.00	8.00	10.00		
PF 3448	½"	109	63	40	15	LPM Head in Mtr	34 2.20	46 3.00										
PF 3449	¾"	135	64	45	15	LPM Head in Mtr	60 2.20	76 3.00	90 4.50									
PF 3450	1"	157	76	50	15	LPM Head in Mtr	85 2.20	100 3.00	118 4.50	131 6.50	155 8.00							
PF 3451	1½"	224	106	75	15	LPM Head in Mtr	93 2.20	119 3.00	140 4.50	160 6.50	215 8.00	245 12.00	285 15.00					
PF 3452	2"	275	133	100	15	LPM Head in Mtr	200 3.00	292 4.50	320 6.50	380 8.00	425 12.00	475 15.00	500 18.00					
PF 3453	3"	360	215	140	15	LPM Head in Mtr		500 4.50	575 6.50	650 8.00	750 12.00	850 15.00	950 18.00	1150 24.00	1400 30.00	1600 35.00		