

Water effects





Water effects

JUMPINGJET



JumpingJet Rainbow Star

> Page 46



JumpingJet Rainbow Flash

> Page 48

SINGLE-JET NOZZLES



Comet silver

> Page 50



Hollow jet nozzle

> Page 58



High Jet

> Page 60



Geyser Jet

> Page 61

FOAM EFFECT NOZZLES



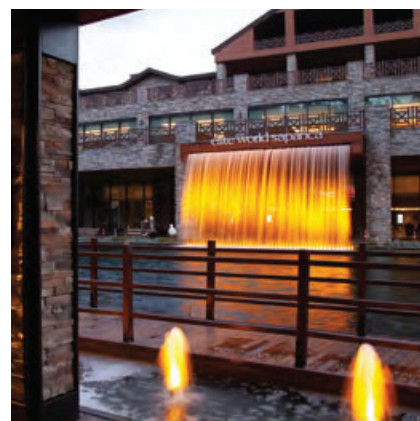
Vulcan

> Page 66



Finger nozzle

> Page 68



Schaumsprudler fountain nozzle

> Page 70



Comet T

> Page 52



Comet Prec

> Page 54



Cluster Eco

> Page 56

MULTI-JET NOZZLES



Grand Vulcan

> Page 62



Trumpet Jet

> Page 63



CrownNozzle

> Page 64

AIR-OPERATED NOZZLES



Cascade

> Page 72



Geyser

> Page 74



AirNozzle S, L, XL

> From page 77

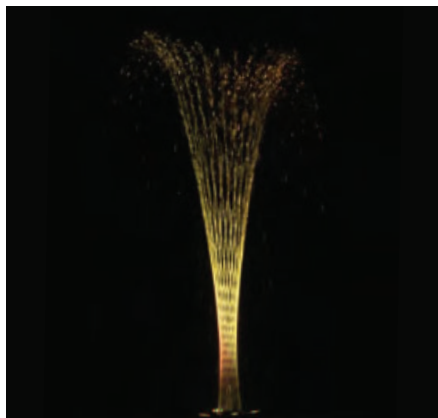
Water effects

TRANSFORMER NOZZLES



VarioJet

> Page 86



VarioJet CrownNozzle

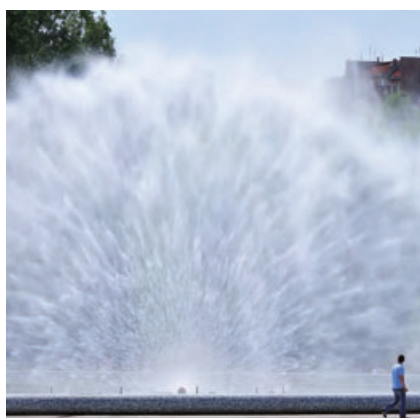
> Page 88



Orb Nozzle

> Page 90

WATER SCREEN



WaterScreenNozzle

> Page 98

WATER DOMES



Lava

> Page 100



Water ball

> Page 102



Mylar lace fountain systems

> Page 110

WATER WHIRLER



Rotating nozzle

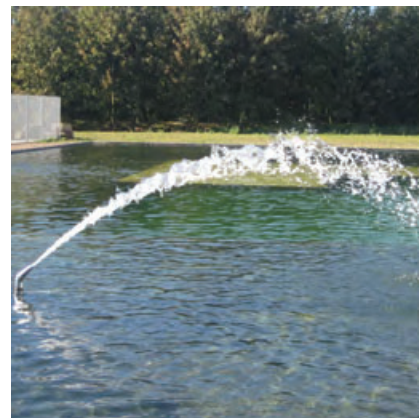
> Page 92

WATER FANS



Fan Jet

> Page 94



Gushing nozzle

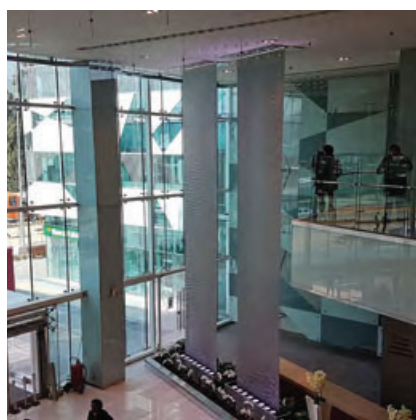
> Page 96

WATER WALLS



Water hemispheres

> Page 104



LiquidArtWall

> Page 106



FlashWall

> Page 108

The beginnings of the interactive fountain

JumpingJets produce clear, controllable and illuminated jets of water, with light transported precisely through this water. They can be used to produce walk-through tunnels made from dancing arcs of water, or to create other playful effects: For instance, the water can be dispensed in a series of small amounts to generate a staccato pattern. When multiple JumpingJets are



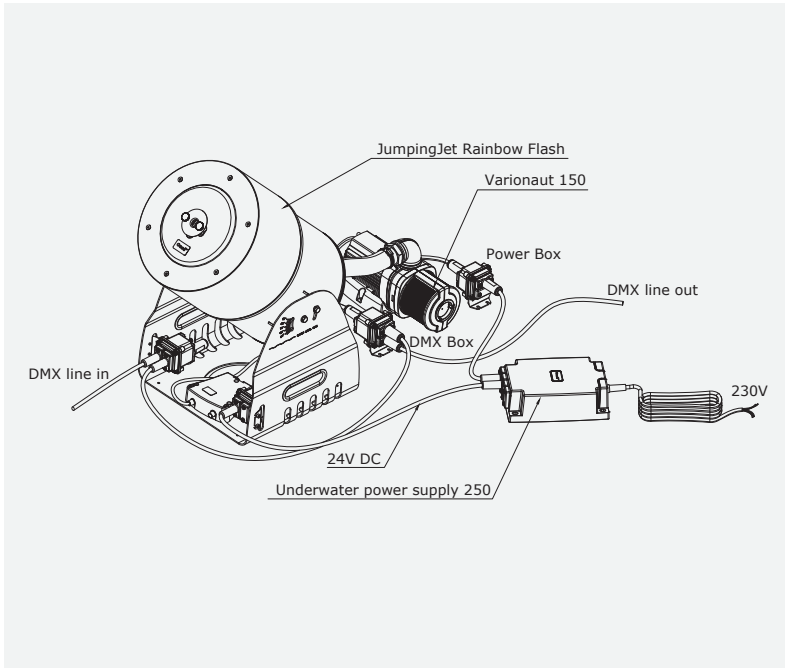
Discover the design possibilities with the JumpingJet Rainbow Flash.



positioned in a row, they can create a fascinating tunnel effect.



Innovations: JumpingJet



- +** Precise cut-off function for leaping, crystal-clear water effects.
- +** Impressive colours make the water jet shine from the inside out. Additional, unique light effect in RGBW thanks to the integrated LED ring (JumpingJet Rainbow Flash).
- +** In combination with Varionaut pumps: individually controllable parabolic heights and widths for dancing water features.

The principle

JumpingJets are nozzles featuring stainless steel cut-off devices and water softeners. Although their operating principle is actually fairly simple, it took a huge amount of precision work and engineering skill to perfect the product. Jumping Jets can be used outdoors – by adding them to existing splash decks, for example – and indoors, since they produce virtually no spray.

A perfect system

The impressive benefits are made possible by the optimal interaction of several components in the system – the dynamic Varionaut pump, which can be controlled via DMX, the JumpingJet and the underwater power supply from the ProNect system. Individual choreographies can be programmed in conjunction with the control system using a WECS® controller.

Technical note

The JumpingJet Rainbow Star can produce splashes when the water jets are cut off quickly in succession. The splash water content is negligible if the water jet is operated as a continuous parabola (see graphics on the relevant product pages).

The water must be clear for light to be transported within the water jet. Only then can the point of impact be illuminated through the parabola.

SYSTEM COMPONENTS

						
JumpingJet Rainbow Star	JumpingJet Rainbow Flash	Varionaut – Pumps	Underwater power supply	24 V connecting cable	DMX connecting cable	WECS® III controller
34137	34138	–	50733	–	–	–
> Page 40	> Page 48	> From page 176	> Page 300	> Page 312	> Page 318	> Page 282

JumpingJet Rainbow Star



Water arches with a “wow” effect and a fascinating spectrum of colours



+ Integrated cut-off device for precise separation of the jet

+ Powerful RGBW LED lighting for a fascinating spectrum of colours

+ Individually programmable via DMX/RDM

+ Dynamic parabolas are possible in conjunction with controllable pumps

+ 12 mm jet diameter

+ 24 V DC technology – ideal for combining with the OASE 24 V DC system

+ Solid with high stability

+ Very easy connection via OASE ProNect connector with IP68 protection rating

ACCESSORIES

Product		Item no.	Product		Item no.
Aquarius Universal Premium 5000	> Page 198	56617	DMX-Box / 01	> Page 319	57646
Installation kit JumpingJet Rainbow Star	> Page 368	51058	Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Underwater power supply 250/24 V/01	> Page 300	50733	Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable DMX/1.0 m/01	> Page 318	12368	Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable DMX/1.5 m/01	> Page 318	49628	Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable DMX/3.0 m/01	> Page 318	12369	Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
Connecting cable DMX/5.0 m/01	> Page 318	12371	PowerBox 24 V DC/01	> Page 313	50493
Connecting cable DMX/10.0 m/01	> Page 318	12372	WECS® III 512/DMX/02	> Page 282	84966
Connecting cable DMX/20.0 m/01	> Page 318	12373	WECS® III 1024/DMX/02	> Page 282	84967
End resistant for BUS-system DMX/01	> Page 318	12007	WECS® III Multimedia Controller D2	> Page 286	87750



EFFECT DESIGN

Water effects

JumpingJet
Rainbow Star



Fountain height

2 m

Suitable for

Fresh water and
pool water



Voltage

24 V DC

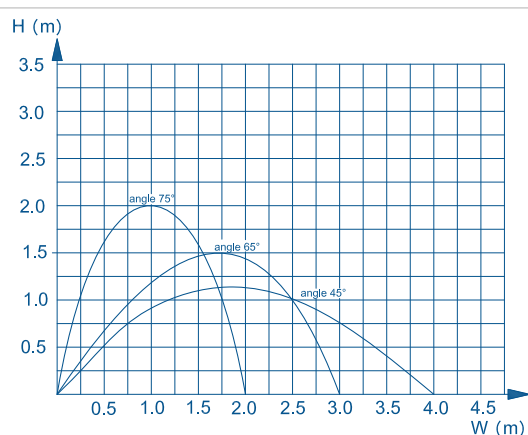
Control system

DMX/RDM

Plug and Spray

Effect design

WATER PARABOLA*



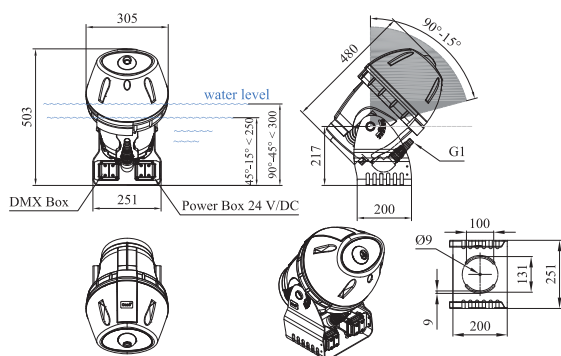
HYDRAULIC DATA – 45° PARABOLA

Fountain width [m]	NWR [l/min]	NPR [bar]	Fountain height [m]
1.50	16	0.10	0.68
2.00	20	0.12	0.81
3.00	24	0.17	1.04
4.00	28	0.22	1.28

*The hydraulic data for the 45°, 65° and 75° water parabolas can be found on our website.

TECHNICAL DATA

Product	JumpingJet Rainbow Star II/DMX/02
Dimensions (L x W x H)	[mm] 478 x 305 x 555
Number of DMX channels	[Unit] 8
Rated voltage	24 V DC
Rated current	[A] 0.83
Light colour	RGBW
Colour temperature LED white	[K] 6500 (± 200)
Power consumption	[W] 20
Jet diameter	[mm] 12
Vertical swivel range	[°] 15–90
Water parabola max., laminar, with lighting	[m] 4.00
Pressure-side connection	G 1
Min. water depth	[m] 0.00
Max. water depth	[m] 0.30
Application conditions: Operation in wet installation	Water temperature: min. 4°C to max. 35°C
Material	Plastic/stainless steel 1.4301 (AISI 304)
Weight	[kg] 10.80
Item no.	34137



No minimum water depth is required



More about
the product!

JumpingJet Rainbow Flash

Stainless steel nozzle for water arcs – with innovative lighting ring



+ “Wow” effect: integrated cut-off device for precise separation of the jet

+ Innovative lighting ring with RGBW LED for fascinating colour effects

+ Compact, high-quality stainless steel design

+ Crystal-clear, laminar, arc-shaped water jet with a diameter of 18 mm

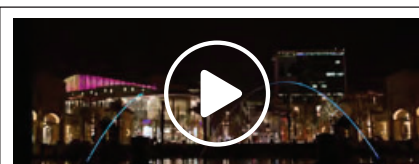
+ Also for saltwater on request

+ Individually programmable via DMX/RDM

+ Dynamic parabolas are possible in conjunction with controllable pumps

+ Easy connection via OASE ProNect connector with IP68 degree of protection

+ Solid with high stability, low noise and low vibration



Discover impressive video sequences here:



ACCESSORIES

Product		Item no.
ASM water stabilizer Jumping Jet Flash		47736
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762

Product		Item no.
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
Underwater power supply 250/24 V/01	> Page 300	50733
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



EFFECT DESIGN

Water effects

JumpingJet
Rainbow Flash



Fountain height

3 m

Suitable for

Fresh water,
pool water and
saltwater



Voltage

24 V DC

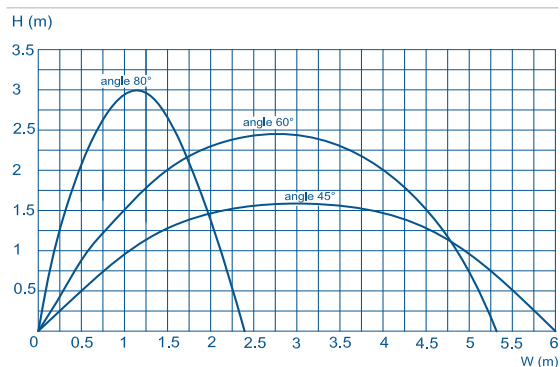
Control system

DMX/RDM

Plug and Spray

* Saltwater product version
on request.

WATER PARABOLA*



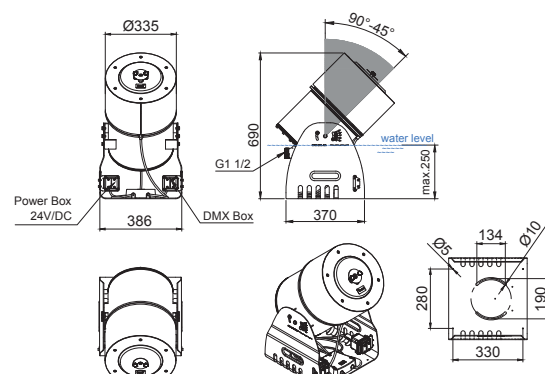
HYDRAULIC DATA – 45° PARABOLA

Fountain width [m]	NWR [l/min]	NPR [bar]	Fountain height [m]
1.50	31	0.05	0.71
2.00	38	0.07	0.83
3.00	48	0.12	1.09
4.00	58	0.17	1.33
5.00	65	0.22	1.56
6.00	71	0.27	1.75

*The hydraulic data for the 45°, 60° and 80° water parabolas can be found on our website.

TECHNICAL DATA

Product	JumpingJet Rainbow Flash III/DMX/02	
Dimensions (L × W × H)	[mm]	560 × 386 × 690
Number of DMX channels	[Unit]	8
Rated voltage		24 V DC
Rated current	[A]	0.83
Light colour		RGBW
Colour temperature LED white	[K]	6500 (± 200)
Power consumption	[W]	20
Jet diameter	[mm]	18
Vertical swivel range	[°]	45–90
Water parabola max., laminar, with lighting	[m]	6.00
Pressure-side connection		G 1 1/2
Max. operating pressure	[bar]	0.30
Min. water depth	[m]	0.30
Max. water depth	[m]	0.25
Application conditions:	Water temperature: min. 4°C to max. 35°C	
Operation in wet installation	Ambient temperature: max. 30°C with natural convection, max. 40°C with forced cooling, no direct sunlight allowed	
Application conditions:	Stainless steel 1.4301 (AISI 304)	
Operation in dry installation		
Material		
Weight	[kg]	39.20
Item no.		34138



i No minimum water depth is required



More about
the product!

Comet silver

Clear jet nozzle in silver optics

⊕ Can be used individually or effectively in groups

⊕ Fountain heights from 0.5 to 12 m

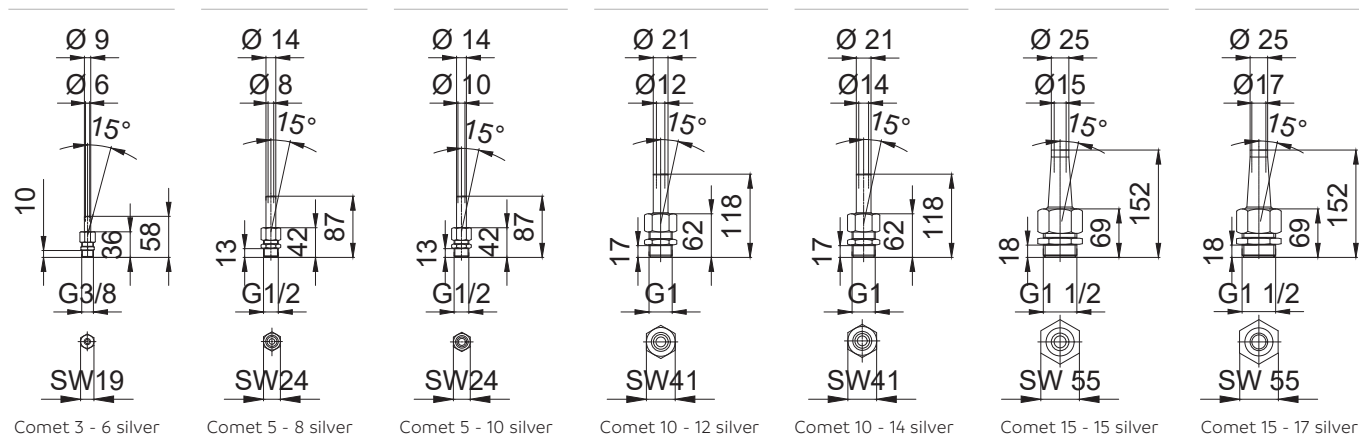
⊕ Silver design gives the fountain installation a high-quality appearance

⊕ High-quality and durable brass nozzles, nickel-plated and chrome-plated

⊕ Flexible with up to 15° vertically swivelling ball joint

⊕ Comet 10 - 12 silver and Comet 10 - 14 silver can be combined perfectly with the ProfiPlane LED L Spot/DMX/02 and ProfiRing LED L Spot/DMX/02

⊕ Available as small to medium-sized single-jet nozzles as required in the following versions: 3 - 6, 5 - 8, 5 - 10, 10 - 12, 10 - 14, 15 - 15 and 15 - 17





EFFECT DESIGN

Water effects
Comet silver



Fountain height
12 m

Suitable for
Fresh water and
pool water



Effect design

ACCESSORIES *

Product		Item no.
Sleeve 10 silver	> Page 366	51018
Sleeve 15 silver	> Page 366	51019
Reducing sleeve 15 × 10	> Page 367	51032
Reducing sleeve 20 × 15	> Page 367	51030

* For accessories for NPT connection, see page 367.

HYDRAULIC DATA

Fountain height	Comet 3 - 6 silver		Comet 5 - 8 silver		Comet 5 - 10 silver		Comet 10 - 12 silver		Comet 10 - 14 silver		Comet 15 - 15 silver		Comet 15 - 17 silver	
	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
0.50	4.8	0.06	9.5	0.07	15	0.08	21	0.06	30	0.06	30	0.06	42	0.06
0.75	6.2	0.09	11.5	0.10	19	0.11	25	0.08	37	0.09	37	0.09	52	0.09
1.00	7.2	0.12	12.6	0.13	21	0.14	31	0.11	44	0.12	44	0.11	62	0.11
1.25	8.7	0.15	14.9	0.16	25	0.18	35	0.14	50	0.15	51	0.15	69	0.14
1.50	10.0	0.18	17.0	0.18	28	0.20	39	0.17	55	0.18	57	0.17	76	0.17
1.75	11.1	0.21	18.8	0.21	31	0.25	43	0.21	60	0.21	63	0.21	82	0.19
2.00	12.1	0.25	20.5	0.24	33	0.28	46	0.23	65	0.24	67	0.24	89	0.22
2.50	14.0	0.32	23.4	0.32	37	0.36	53	0.29	73	0.30	76	0.29	100	0.28
3.00	15.6	0.40	26.1	0.39	41	0.44	58	0.35	81	0.37	84	0.35	110	0.34
3.50	–	–	28.5	0.47	45	0.52	63	0.42	87	0.43	91	0.40	119	0.40
4.00	–	–	30.7	0.54	49	0.60	68	0.48	94	0.50	98	0.46	127	0.46
5.00	–	–	–	–	55	0.76	76	0.61	105	0.62	110	0.58	143	0.58
6.00	–	–	–	–	60	0.92	84	0.74	116	0.75	120	0.70	157	0.70
7.00	–	–	–	–	–	–	91	0.87	125	0.88	130	0.82	170	0.82
8.00	–	–	–	–	–	–	98	1.00	134	1.01	138	0.94	182	0.94
9.00	–	–	–	–	–	–	–	–	143	1.14	147	1.06	193	1.06
10.00	–	–	–	–	–	–	–	–	151	1.28	155	1.18	204	1.18
11.00	–	–	–	–	–	–	–	–	–	–	–	–	214	1.30
12.00	–	–	–	–	–	–	–	–	–	–	–	–	222	1.40

TECHNICAL DATA

Product		Comet 3 - 6 silver	Comet 5 - 8 silver	Comet 5 - 10 silver	Comet 10 - 12 silver	Comet 10 - 14 silver	Comet 15 - 15 silver	Comet 15 - 17 silver
Dimensions (dia. × H)	[mm]	22 × 58	28 × 87	28 × 87	47.3 × 118	47.3 × 118	63.3 × 152	63.3 × 152
Nozzle opening	[mm]	6	8	10	12	14	15	20
Material		Double-coated brass						
Weight	[kg]	0.06	0.12	0.11	0.45	0.44	0.96	0.96
Item no.		50721	50762	50722	45454	50723	48276	50724

Comet T

Clear jet nozzle

+ Can be used individually or effectively in groups as small to medium-sized clear jet nozzles

+ Fountain heights from 0.5 to 14 m

+ High-quality and durable brass nozzles

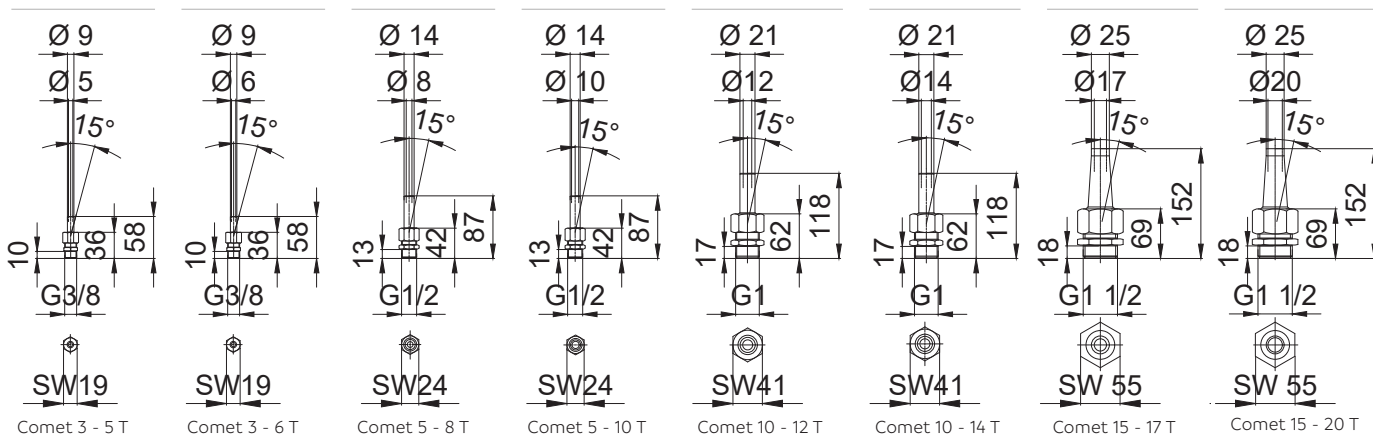
+ With ball joint, flexibly swivelling up to 15°

+ Comet 10 - 12 T and Comet 10 - 14 T can be perfectly combined with ProfiPlane LED L Spot/DMX/02 and ProfiRing LED L Spot/DMX/02

+ With flow straightener for a clear water jet

+ Comet T/NPT available as required in versions 3 - 6, 5 - 8, 5 - 10, 10 - 12, 10 - 14, 15 - 17 and 15 - 20

+ Comet T is available as required in versions 3 - 5, 3 - 6, 5 - 8, 5 - 10, 10 - 12, 10 - 14, 15 - 17 and 15 - 20





EFFECT DESIGN

Water effects
Comet T 

Fountain height
14 m

Suitable for
Fresh water 

Effect design

ACCESSORIES *

Product		Item no.
Sleeve 10 silver	> Page 366	51018
Sleeve 15 silver	> Page 366	51019
Reducing sleeve 15 × 10	> Page 367	51032
Reducing sleeve 20 × 15	> Page 367	51030

* For accessories for NPT connection, see page 367.

HYDRAULIC DATA

	Comet 3 - 5 T		Comet 3 - 6 T		Comet 5 - 8 T		Comet 5 - 10 T		Comet 10 - 12 T		Comet 10 - 14 T		Comet 15 - 17 T		Comet 15 - 20 T	
Fountain height	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
0.50	3.8	0.07	4.8	0.06	9.5	0.07	15	0.08	21	0.06	30	0.06	42	0.06	59	0.06
0.75	5.3	0.09	6.2	0.09	11.5	0.10	19	0.11	25	0.08	37	0.09	52	0.09	74	0.08
1.00	6.3	0.13	7.2	0.12	12.6	0.13	21	0.14	31	0.11	44	0.12	62	0.11	88	0.13
1.25	7.2	0.15	8.7	0.15	14.9	0.16	25	0.18	35	0.14	50	0.15	69	0.14	99	0.16
1.50	8.0	0.18	10.0	0.18	17.0	0.18	28	0.20	39	0.17	55	0.18	76	0.17	110	0.17
1.75	8.7	0.22	11.1	0.21	18.8	0.21	31	0.25	43	0.21	60	0.21	82	0.19	119	0.21
2.00	9.3	0.25	12.1	0.25	20.5	0.24	33	0.28	46	0.23	65	0.24	89	0.22	128	0.22
2.50	–	–	14.0	0.32	23.4	0.32	37	0.36	53	0.29	73	0.30	100	0.28	144	0.28
3.00	–	–	15.6	0.40	26.1	0.39	41	0.44	58	0.35	81	0.37	110	0.34	158	0.34
3.50	–	–	–	–	28.5	0.47	45	0.52	63	0.42	87	0.43	119	0.40	171	0.39
4.00	–	–	–	–	30.7	0.54	49	0.60	68	0.48	94	0.50	127	0.46	184	0.45
5.00	–	–	–	–	–	–	55	0.76	76	0.61	105	0.62	143	0.58	206	0.57
6.00	–	–	–	–	–	–	60	0.92	84	0.74	116	0.75	157	0.70	227	0.69
7.00	–	–	–	–	–	–	–	–	–	0.87	125	0.88	170	0.82	245	0.81
8.00	–	–	–	–	–	–	–	–	–	1.00	134	1.01	182	0.94	263	0.92
9.00	–	–	–	–	–	–	–	–	–	–	143	1.14	193	1.06	279	1.04
10.00	–	–	–	–	–	–	–	–	–	–	151	1.28	204	1.18	294	1.16
11.00	–	–	–	–	–	–	–	–	–	–	–	–	214	1.30	309	1.28
12.00	–	–	–	–	–	–	–	–	–	–	–	–	222	1.40	323	1.40
13.00	–	–	–	–	–	–	–	–	–	–	–	–	–	–	337	1.52
14.00	–	–	–	–	–	–	–	–	–	–	–	–	–	–	350	1.64

TECHNICAL DATA

Product		Comet 3 - 5 T	Comet 3 - 6 T	Comet 5 - 8 T	Comet 5 - 10 T	Comet 10 - 12 T	Comet 10 - 14 T	Comet 15 - 17 T	Comet 15 - 20 T
Dimensions (dia. × H)	[mm]	19 × 58	21.9 × 58	27.6 × 87	27.6 × 87	47.3 × 118	47.3 × 118	63.3 × 152	63.3 × 152
Nozzle opening	[mm]	5	6	8	10	12	14	17	20
Material		Brass							
Weight	[kg]	0.05	0.05	0.12	0.11	0.46	0.44	1.02	0.92
Item no. NPT		–	89012	89013	89014	89015	89016	89017	89018
Item no.		50959	50960	50964	50965	50968	50969	50970	50971

Comet Prec

Spectacularly high water features: Fountains up to 20 or 30 m high

+ Extra-strong single-jet nozzles for impressive fountain heights of up to 20 or 30 m.

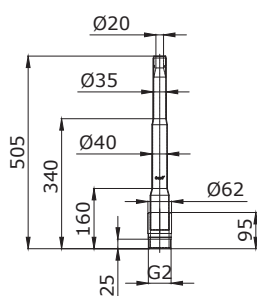
+ Depending on the design, can be perfectly combined with Multi Directional Drive L 2D or XL 2D

+ Regardless of the water level, the Comet Prec generates a crystal-clear, wind-stable full jet

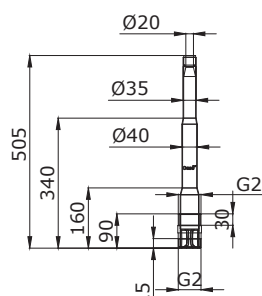
Dynamic+
Für Wow-Effekte in Kombination mit Fontänenaufsätzen.

> See page 124

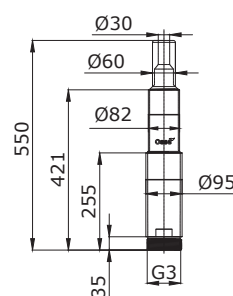
+ Available as required in medium-sized stainless steel or large-sized stainless steel and plastic versions



Comet Prec 20 - 20 silver



Comet Prec 20 - 20 silver DT



Comet Prec 30 - 30



EFFECT DESIGN

Water effects
Comet Prec 

Fountain height
30 m

Suitable for
Fresh water,
pool water and
saltwater 

Effect design

HYDRAULIC DATA

	Comet Prec 20 - 20 silver		Comet Prec 20 - 20 silver DT		Comet Prec 30 - 30	
Fountain height	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
1.00	90	0.12	90	0.12	–	–
1.25	96	0.14	96	0.14	–	–
1.50	102	0.17	102	0.17	–	–
1.75	110	0.19	110	0.19	–	–
2.00	117	0.22	117	0.22	–	–
2.50	132	0.28	132	0.28	–	–
3.00	147	0.34	147	0.34	–	–
3.50	160	0.40	160	0.40	–	–
4.00	170	0.46	170	0.46	–	–
5.00	206	0.57	206	0.57	456	0.67
6.00	227	0.69	227	0.69	–	–
7.00	245	0.81	245	0.81	–	–
8.00	263	0.92	263	0.92	–	–
9.00	279	1.04	279	1.04	–	–
10.00	295	1.16	295	1.16	646	1.31
11.00	309	1.28	309	1.28	–	–
12.00	323	1.40	323	1.40	–	–
14.00	350	1.64	350	1.64	–	–
15.00	–	–	–	–	806	1.95
16.00	385	1.90	385	1.90	–	–
18.00	420	2.15	420	2.15	–	–
20.00	441	2.40	441	2.40	922	2.53
25.00	–	–	–	–	1045	3.30
30.00	–	–	–	–	1195	4.30

TECHNICAL DATA

				
Product		Comet Prec 20 - 20 silver	Comet Prec 20 - 20 silver DT	Comet Prec 30 - 30
Dimensions (dia. × H)	[mm]	62 × 505	62 × 505	95 × 550
Nozzle opening	[mm]	20	20	30
Material		Stainless steel	Stainless steel	Plastic/stainless steel
Weight	[kg]	1.55	1.60	4.50
Item no.		50523	92588	45079

Cluster Eco

Full jet with minimal water consumption

⊕ Performance independent of water level

⊕ Optimal for voluminous water patterns

⊕ Cluster Eco 30-67 64 single jets produce a continuous full jet; jet diameter up to 67 mm; with pressure connection R 3"

⊕ LED XL EasyFit Noz: particularly suitable for splash deck fountains

⊕ Nozzle opening of 3.5 mm diameter (note: refer to the filter basket opening size)

⊕ Cluster Eco nozzle for saltwater on request

⊕ Cluster Eco 15 - 38 21 single jets produce a continuous full jet; jet diameter up to 38 mm, up to a height of 10 m

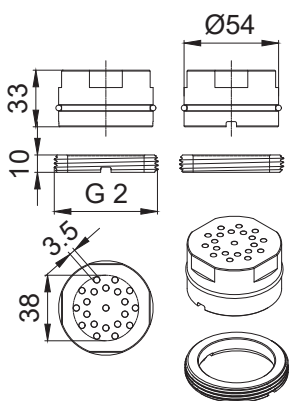


Dynamic+
Für Wow-Effekte in Kombination mit Fontänenaußensätzen.

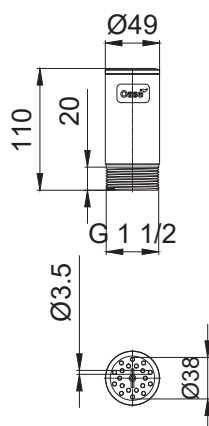
> See page 124

⊕ High-quality, durable stainless steel design

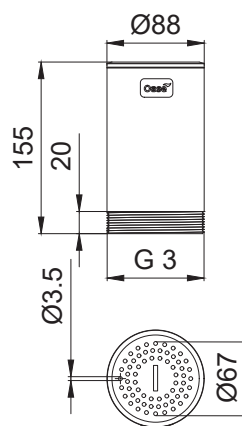
⊕ OASE flow technology: integrated water calmer with guide plate



LED XL EasyFit Noz



Cluster Eco 15 - 38



Cluster Eco 30 - 67



EFFECT DESIGN

Water effects
Cluster Eco

Fountain height
19 m

Suitable for
Fresh water,
pool water and
saltwater

* Saltwater product version on request.

Effect design

ACCESSORIES

Product		Item no.
ProfiPlane LED XL RGB Spot/DMX/02	> Page 246	73005
ProfiRing LED XL RGB Spot/DMX/02	> Page 236	73004

HYDRAULIC DATA

	LED XL EasyFit Noz		Cluster Eco 15 - 38		Cluster Eco 30 - 67	
Fountain height	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
1.00	56	0.14	56	0.14	150	0.14
2.00	79	0.26	79	0.26	216	0.25
3.00	95	0.37	95	0.37	269	0.35
4.00	111	0.49	111	0.49	316	0.47
5.00	126	0.60	126	0.60	362	0.61
6.00	138	0.72	138	0.72	398	0.73
7.00	148	0.84	148	0.84	438	0.86
8.00	166	0.90	166	0.90	474	0.98
9.00	178	1.00	178	1.00	507	1.11
10.00	190	1.08	190	1.08	534	1.25

TECHNICAL DATA

		LED XL EasyFit Noz	Cluster Eco 15 - 38	Cluster Eco 30 - 67
Product				
Dimensions (dia. × H)	[mm]	54 × 33	49 × 110	87 × 155
Connection		–	G 1 ½	G 3
Material		Stainless steel 1.4404 (AISI 316L)	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4301 (AISI 304)
Nozzle opening	[mm]	–	3.5	3.5
Jet diameter	[mm]	–	38	67
Weight	[kg]	0.42	0.62	2.30
Item no.		76460	45480	51882

Additional nozzles on request

Hollow jet nozzles

Impressive fountains with optimum visibility from afar



High-quality stainless steel hollow jet nozzle for wind-resistant fountain heights of up to 80 m



Special, high-quality design in stainless steel



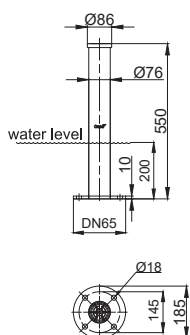
Performance independent of water level, flow straightener and detailed design of the ring slot



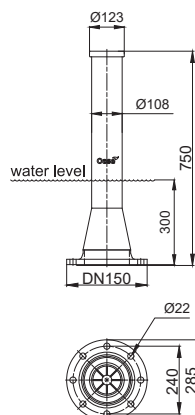
Significantly reduced water demand due to individual nozzle design



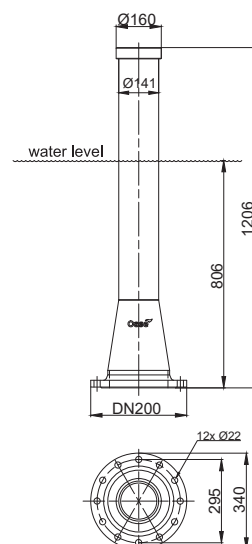
Also suitable for saltwater (50963)



Hollow jet nozzle 68



Hollow jet nozzle 100



Hollow jet nozzle 130

EFFECT DESIGN

Water effects
High Jet

Fountain height
16 m

Suitable for
Fresh water

High Jet

The lightweight solution for use on floating units



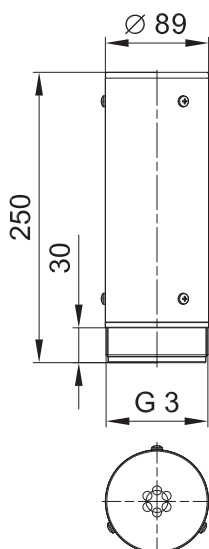
- + Vertical single jet with impressive water jet pattern
- + High-quality nozzle made from plastic and stainless steel with a modern look
- + Independent of water level and wind-resistant
- + Extremely lightweight – perfect for use on floating units

HYDRAULIC DATA

	High Jet 30	
Fountain height	NWR	NPR
[m]	[l/min]	[bar]
8.00	226	1.15
9.00	240	1.29
10.00	253	1.44
11.00	266	1.59
12.00	278	1.74
13.00	289	1.89
14.00	299	2.04
15.00	310	2.19
16.00	320	2.35

TECHNICAL DATA

Product	High Jet 30	
Dimensions (dia. × H)	[mm]	89 × 250
Unit type	MIDI II 1.1 kW/230 V MAXI II 4.0 kW/400 V	
Fountain height (total)	[m]	9.00 16.50
Fountain diameter	[m]	3.0 3.5
Housing tube material	Stainless steel	
Nozzle insert material	POM	
Weight	[kg]	2.24
Item no.	50375	



Geyser Jet

The lightweight nozzle for a powerful jet of water on floating units

EFFECT DESIGN

Water effects
Geyser Jet 

Fountain height
12 m

Suitable for
Fresh water 



-  Multiple vertical individual jets connect to form a wide water jet
-  High-quality nozzle made from plastic and stainless steel with a modern look
-  Reliable water pattern independent of water level and wind-resistant
-  Extremely lightweight – perfect for use on floating units

Effect design

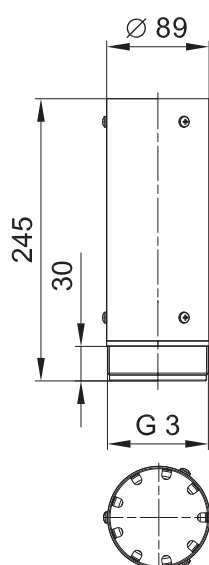
HYDRAULIC DATA

Geyser Jet 30

Fountain height	Geyser Jet 30	
	NWR	NPR
[m]	[l/min]	[bar]
5.00	347	0.81
6.00	381	0.98
7.00	411	1.14
8.00	440	1.31
9.00	466	1.48
10.00	492	1.65
11.00	515	1.82
12.00	539	1.99

TECHNICAL DATA

Product		Geyser Jet 30
Dimensions (dia. x H)	[mm]	89 x 245
Unit type		MIDI II 1.1 kW/230 V MAXI II 4.0 kW/400 V
Fountain height (total)	[m]	5.00 12.00
Fountain diameter	[m]	1.7 2.7
Housing tube material		Stainless steel
Nozzle insert material		POM
Weight	[kg]	1.73
Item no.		50377



EFFECT DESIGN

Water effects
Grand Vulcan

Fountain height
8 m

Suitable for
Fresh water

Grand Vulcan

Reliable water pattern with characteristic goblet shape



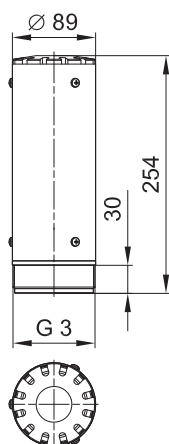
- + Multi-jet nozzle made of high-quality plastic/stainless steel
- + Modern look
- + Reliable water pattern independent of water level and relatively wind-resistant
- + Circularly arranged single jets create the characteristic goblet shape
- + Light weight, making very suitable for use on floating units

HYDRAULIC DATA

Grand Vulcan 30		
Fountain height	NWR	NPR
[m]	[l/min]	[bar]
3.00	450	0.45
3.50	487	0.53
4.00	520	0.61
4.50	552	0.68
5.00	582	0.76
6.00	638	0.92
7.00	689	1.07
8.00	737	1.23

TECHNICAL DATA

Product		Grand Vulcan 30
Dimensions (dia. x H)	[mm]	89 x 254
Unit type		MIDI II 1.1 kW/230 V MAXI II 4.0 kW/400 V
Fountain height (total)	[m]	3.00 7.00
Fountain diameter	[m]	4.0 6.8
Housing tube material		Stainless steel
Nozzle insert material		POM
Weight	[kg]	1.83
Item no.		50376



Trumpet Jet

Striking trumpet shape with central fountain

EFFECT DESIGN

Water effects
Trumpet Jet

Fountain height
10 m

Suitable for
Fresh water



- ⊕ Multi-jet nozzle made of high-quality plastic/stainless steel
- ⊕ Extremely light, making it very suitable for use on floating units
- ⊕ Striking water pattern: trumpet-like funnel, from the middle of which a higher fountain emerges
- ⊕ Reliable unit that functions independent of water level and is relatively wind-resistant

Effect design

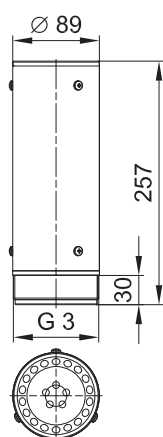
HYDRAULIC DATA

Trumpet Jet 30

Fountain height	NWR	NPR
[m]	[l/min]	[bar]
5.00	363	1.00
6.00	397	1.20
7.00	429	1.40
8.00	459	1.68
9.00	487	1.85
10.00	513	2.05

TECHNICAL DATA

Product	Trumpet Jet 30
Dimensions (dia. × H)	[mm] 89 × 257
Unit type	MIDI II 1.1 kW/230 V MAXI II 4.0 kW/400 V
Fountain height (total)	[m] 5.00 9.50
Fountain height (1st tier)	[m] 1.20 2.50
Fountain diameter	[m] 4.0 7.5
Housing tube material	Stainless steel
Nozzle insert material	POM
Weight	[kg] 1.86
Item no.	50378



CrownNozzle

The crowning glory for your water basin

⊕ Multi-jet nozzle for a majestic water crown

⊕ 24 wind resistant jets for a fountain height of up to 5 m

⊕ Perfect in combination with Varionaut pumps – for spectacular and dynamic water patterns

⊕ High-quality, solid stainless steel construction

⊕ For fresh water and pool water

⊕ Saltwater-suitable CrownNozzle on request

⊕ 24 clear, precise jets with a diameter of 6 mm





EFFECT DESIGN

Water effects
CrownNozzle 

Fountain height
5 m

Suitable for
Fresh water,
pool water and
saltwater 

* Saltwater product version
on request.

Effect design

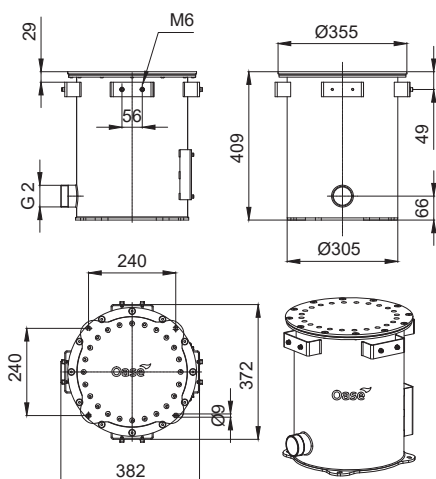
HYDRAULIC DATA

CrownNozzle 24 - 20 E

Fountain height	NSD	NWR	NPR
[m]	[m]	[l/min]	[bar]
1.00	0.85	116	0.11
2.00	1.55	162	0.23
3.00	2.40	202	0.35
4.00	3.20	237	0.49
5.00	3.90	270	0.64

TECHNICAL DATA

Product	CrownNozzle 24 - 20 E	
Dimensions (L x W x H)	[mm]	355 x 425
Nozzle opening	[mm]	6.00
Jet diameter	[mm]	6.00
Connection	G 2	
Material	Stainless steel 1.4301 (AISI 304)	
Weight	[kg]	16.00
Item no.	32780	



Vulcan

The elegant eye-catcher with multi-level water pattern



Attractive water patterns consisting of multi-level, separating jet beams



For small fountains and large water features



Easy to clean



Fountain heights from 0.5 to 15 m



Water level independent

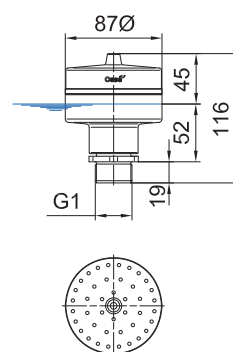


Precise, wind-resistant full jets

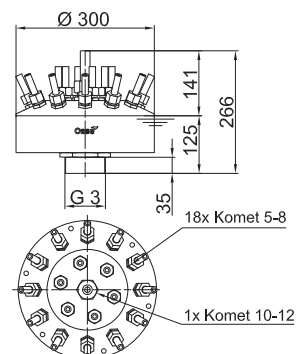


ACCESSORIES

Product		Item no.
Sleeve 10 silver	> Page 366	51018
Sleeve 15 silver	> Page 366	51019
Hexagonal double nipple 10 silver	> Page 366	51022
Hexagonal double nipple 30 silver	> Page 366	51025
Swivel connection 10 silver	> Page 366	51015
Adapter G 10/NPT 10 silver	> Page 367	51026
Adapter G 30/NPT 30 silver	> Page 367	51029



Vulcan 43 - 3 silver



Vulcan 300/19 - 8 silver



EFFECT DESIGN

Water effects
Vulcan 

Fountain height
15 m

Suitable for
Fresh water and
pool water 

Effect design

HYDRAULIC DATA

	Vulcan 43 - 3 silver			Vulcan 300/19 - 8 silver		
Fountain height	NSD	NWR	NPR	NSD	NWR	NPR
[m]	[m]	[l/min]	[bar]	[m]	[l/min]	[bar]
0.50	0.40	42	0.10	–	–	–
0.75	0.50	50	0.15	–	–	–
1.00	0.65	60	0.20	–	–	–
1.50	0.80	76	0.30	–	–	–
2.00	1.10	90	0.40	–	–	–
2.50	1.30	102	0.50	–	–	–
3.00	1.50	112	0.60	Adjustable	339	0.38
3.50	1.70	121	0.76	Adjustable	368	0.44
4.00	2.00	130	0.88	Adjustable	394	0.50
5.00	–	–	–	Adjustable	442	0.64
6.00	–	–	–	Adjustable	485	0.77
7.00	–	–	–	Adjustable	525	0.90
8.00	–	–	–	Adjustable	562	1.03
9.00	–	–	–	Adjustable	597	1.16
10.00	–	–	–	Adjustable	630	1.29
11.00	–	–	–	Adjustable	662	1.42
12.00	–	–	–	Adjustable	692	1.56
13.00	–	–	–	Adjustable	720	1.69
14.00	–	–	–	Adjustable	749	1.82
15.00	–	–	–	Adjustable	776	1.96

TECHNICAL DATA



Product	Vulcan 43 - 3 silver		Vulcan 300/19 - 8 silver	
Dimensions (dia. × H)	[mm]	87 × 116		300 × 256
Connection		G 1		G 3
Material		Double-coated brass		Double-coated brass/stainless steel
Weight	[kg]	1.50		18.50
Item no.		50766		50977

Finger nozzle

Attractive water pattern created with seven jets

+ Seven-jet nozzle with
10 mm jet diameter

+ Height of the largely
wind resistant single jets:
up to 4 m

+ Suitable for fresh water,
pool water and saltwater

+ Durable, made
of high-quality
stainless steel

+ Stunning, dynamic water pattern
combined with Multi Directional Drive
L 3D/DMX/02 and rotation module
L/DMX/02



Dynamic+
Für Wow-Effekte in Kombination
mit Fontänenaußensätzen.

> See page 124

ACCESSORIES

Product		Item no.
Swivel connection 15 silver	> Page 366	51016
Sleeve 15 silver	> Page 366	51019
Adapter G 15/NPT 15 silver	> Page 367	51027
Reducing sleeve 15 x 10	> Page 367	51032
Reducing sleeve 20 x 15	> Page 367	51030



EFFECT DESIGN

Water effects
Finger nozzle 

Fountain height
4 m

Suitable for
Fresh water,
pool water and
saltwater 

Effect design

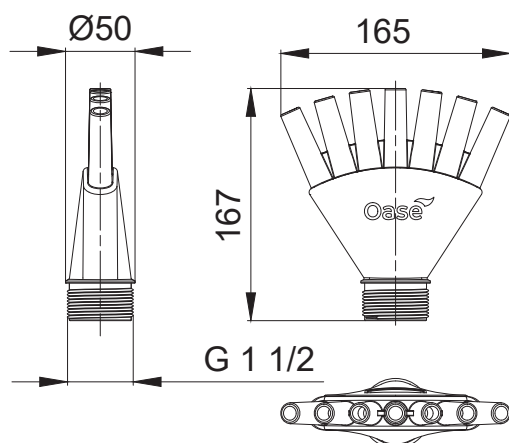
HYDRAULIC DATA

Finger nozzle 7 - 15 E

Fountain height	NSD	NWR	NPR
[m]	[m]	[l/min]	[bar]
1.00	2.70	150	0.10
2.00	4.70	200	0.21
3.00	5.20	250	0.35
4.00	7.40	300	0.48

TECHNICAL DATA

Product	Finger nozzle 7 - 15 E	
Dimensions (L x W x H)	[mm]	167 x 165 x 50
Nozzle opening	[mm]	10.00
Number of nozzle openings	[Unit]	7
Pressure-side connection		G 1 1/2
Water jet height up to	[m]	4.00
Material		Stainless steel 1.4404 (AISI 316L)
Weight	[kg]	0.88
Item no.		5110



Frothy fountain nozzle

High volume with low water consumption

⊕ Optically strong foam and spray effect

⊕ High-contrast, vivid and large-volume water pattern

⊕ Water level independent

⊕ High air admixture has an oxygen-enriching effect

⊕ Low water consumption

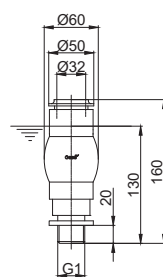
⊕ Largely wind-resistant

⊕ Continuous operation without any issues

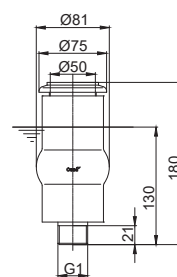


ACCESSORIES

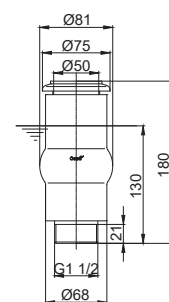
Product		Item no.
Swivel connection 10 silver	> Page 366	51015
Swivel connection 15 silver	> Page 366	51016
Swivel connection 20 silver	> Page 366	51017
Sleeve 10 silver	> Page 366	51018
Sleeve 15 silver	> Page 366	51019
Sleeve 20 silver	> Page 366	51020
Adapter G 10/NPT 10 silver	> Page 367	51026
Adapter G 15/NPT 15 silver	> Page 367	51027
Adapter G 20/NPT 20 silver	> Page 367	51028
Reducing sleeve 15 x 10	> Page 367	51032
Reducing sleeve 20 x 15	> Page 367	51030
Ball joint 10	> Page 368	51165



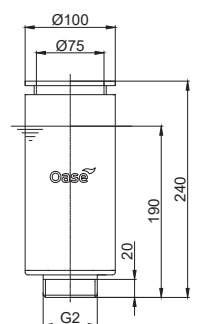
Frothy
35 - 10 E



Schaumsprudler
55 - 10 E



Schaumsprudler
55 - 15 E



Schaumsprudler
75 - 20 silver



0.75 m



1.50 m



2.00 m



2.50 m

EFFECT DESIGN

Water effects

Schaumsprudler
fountain nozzle



Fountain height

10 m

Suitable for

Fresh water and
pool water



* Pool water for Schaumsprudler 75 - 20 silver

Effect design

HYDRAULIC DATA

Fountain height	Schaumsprudler 35 - 10 E		Schaumsprudler 55 - 10 E		Schaumsprudler 55 - 15 E		Schaumsprudler 75 - 20 silver	
	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
0.25	47	0.10	60	0.11	–	–	–	–
0.50	55	0.14	84	0.21	125	0.11	–	–
0.75	71	0.22	108	0.32	151	0.15	–	–
1.00	80	0.28	122	0.40	176	0.19	328	0.20
1.25	89	0.34	134	0.49	198	0.24	367	0.24
1.50	97	0.40	145	0.58	217	0.28	401	0.29
1.75	104	0.46	156	0.66	235	0.33	433	0.34
2.00	111	0.52	166	0.75	252	0.38	463	0.39
2.50	123	0.65	184	0.92	282	0.48	518	0.49
3.00	–	–	200	1.09	310	0.58	567	0.58
3.50	–	–	216	1.27	335	0.67	612	0.68
4.00	–	–	–	–	359	0.77	655	0.78
4.50	–	–	–	–	381	0.87	695	0.87
5.00	–	–	–	–	–	0.97	733	0.97
6.00	–	–	–	–	–	1.16	803	1.17
7.00	–	–	–	–	–	1.36	868	1.33
8.00	–	–	–	–	–	–	928	1.56
9.00	–	–	–	–	–	–	965	1.75
10.00	–	–	–	–	–	–	1039	1.95

TECHNICAL DATA

					
Product		Frothy 35 - 10 E	Schaumsprudler 55 - 10 E	Schaumsprudler 55 - 15 E	Schaumsprudler 75 - 20 silver
Dimensions (dia. × H)	[mm]	80 × 160	81 × 180	81 × 180	100 × 240
Connection		G 1	G 1	G 1 ½	G 2
Material		Stainless steel 1.4301 (AISI 304i)	Stainless steel 1.4571 (AISI 316Ti)/brass	Stainless steel 1.4571 (AISI 316Ti)/brass	Double-coated brass
Weight	[kg]	0.44	1.40	1.46	5.12
Item no. NPT		53224	–	–	–
Item no.		50984	50986	50987	50768

Cascade

Fascinating with a wide foam and spray effect



Tapered, softly flowing fountain to embellish any public space



Available in five sizes:



With swivel connection for optimum alignment



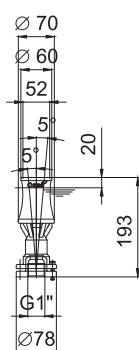
Vibrant water feature, visible from a distance, with an optically strong foam and spray effect



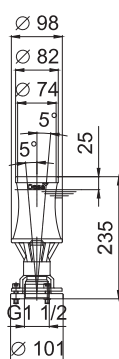
The water pattern changes depending on the water level



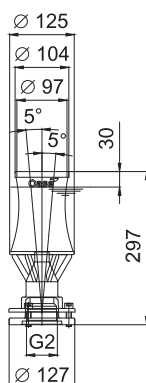
Oxygen-enriching



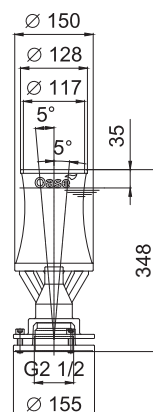
Cascade 50 T



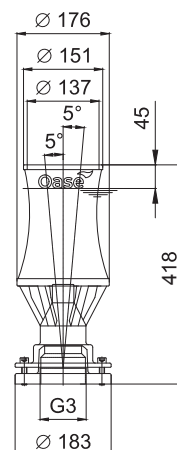
Cascade 70 T



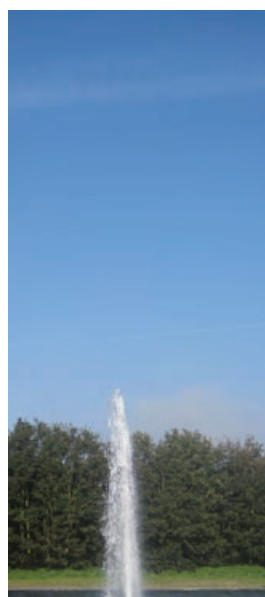
Cascade 90 T



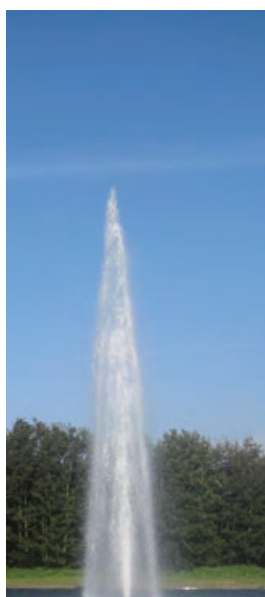
Cascade 110 T



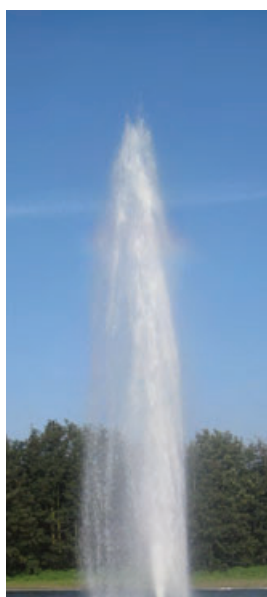
Cascade 130 T



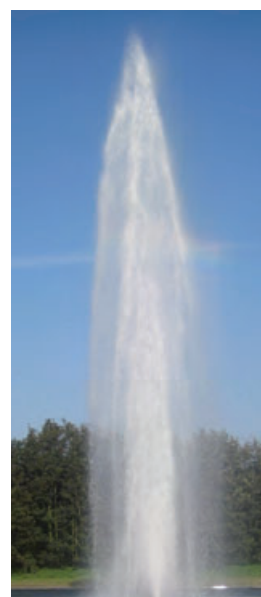
6.00 m



12.00 m



15.00 m



20.00 m

EFFECT DESIGN

Water effects
Cascade 

Fountain height
20 m

Suitable for
Fresh water 

Effect design

HYDRAULIC DATA

	Cascade 50 T		Cascade 70 T		Cascade 90 T		Cascade 110 T		Cascade 130 T	
Fountain height	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
0.25	28	0.18	–	–	–	–	–	–	–	–
0.50	34	0.26	79	0.27	–	–	–	–	–	–
0.75	39	0.33	88	0.33	141	0.27	–	–	–	–
1.00	43	0.41	97	0.40	157	0.33	236	0.36	379	0.36
1.50	51	0.57	111	0.53	184	0.46	279	0.48	437	0.48
2.00	58	0.73	124	0.66	208	0.58	317	0.6	488	0.60
2.50	69	1.04	136	0.79	229	0.71	351	0.72	534	0.72
3.00	74	1.20	147	0.92	249	0.83	382	0.84	577	0.84
4.00	79	1.36	166	1.18	284	1.08	437	1.07	654	1.07
5.00	88	1.68	184	1.44	315	1.34	486	1.34	723	1.34
6.00	–	–	200	1.71	344	1.59	531	1.55	786	1.55
7.00	–	–	215	1.97	370	1.85	572	1.79	845	1.79
8.00	–	–	–	–	395	2.10	611	2.04	900	2.04
10.00	–	–	–	–	441	2.61	682	2.52	1001	2.52
12.00	–	–	–	–	–	–	747	3.01	1094	3.01
14.00	–	–	–	–	–	–	806	3.50	1180	3.50
16.00	–	–	–	–	–	–	–	–	1260	3.99
18.00	–	–	–	–	–	–	–	–	1336	4.49
20.00	–	–	–	–	–	–	–	–	1408	4.99

TECHNICAL DATA

						
Product		Cascade 50 T	Cascade 70 T	Cascade 90 T	Cascade 110 T	Cascade 130 T
Dimensions (dia. × H)	[mm]	78 × 192	100 × 237	125 × 294	149 × 346	176 × 410
Connection		G 1	G 1 ½	G 2	G 2 ½	G 3
Material		Bronze	Bronze	Bronze	Bronze	Bronze
Weight	[kg]	1.50	2.46	4.15	7.48	11.00
Item no. NPT		89051	89052	89053	89054	89055
Item no.		50911	50912	50915	50916	50917

Geyser

Slim foam and spray effect that adds a distinctive highlight



A slim cylindrical and soft flowing fountain that makes for an eye-catching feature in any public space



Lively water feature with a visually striking foam and spray effect



Available in four sizes:



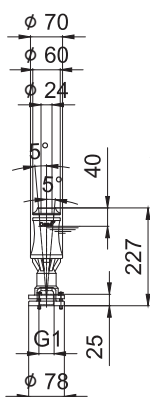
The water pattern changes depending on the water level



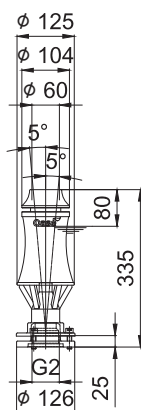
With swivel connection for optimum alignment



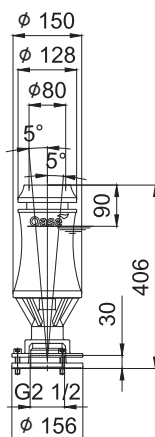
Oxygen-enriching



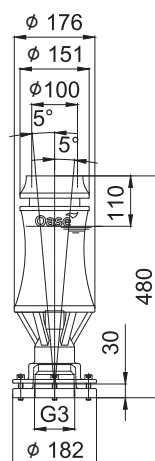
Geyser 20 T



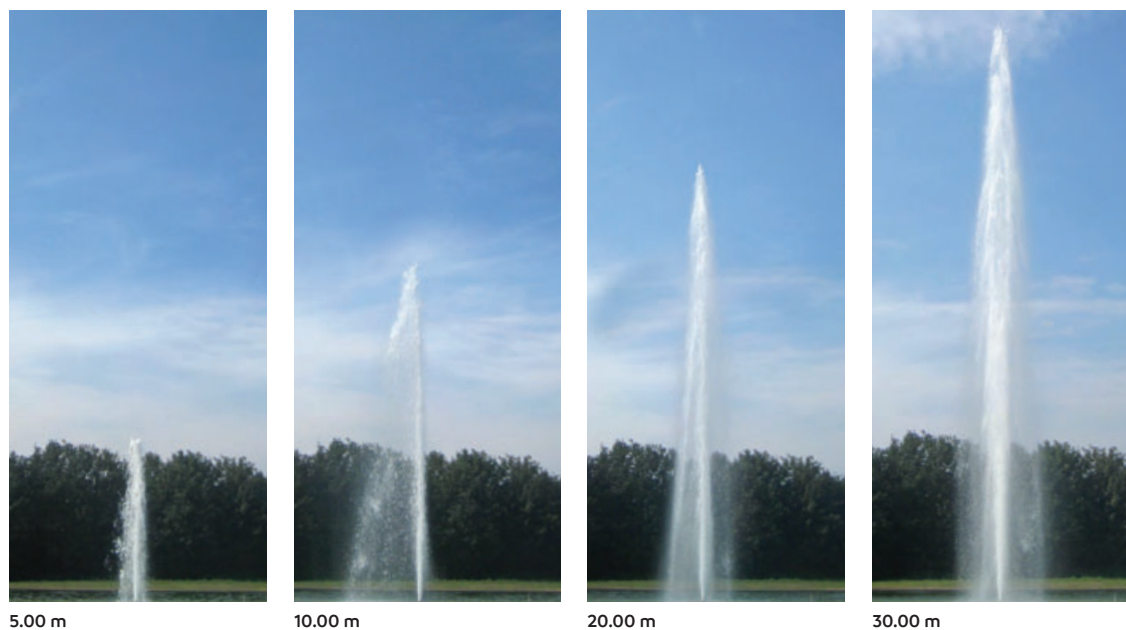
Geyser 40 T



Geyser 60 T



Geyser 100 T

**EFFECT DESIGN**

Water effects
Geyser 

Fountain height
30 m

Suitable for
Fresh water 

HYDRAULIC DATA

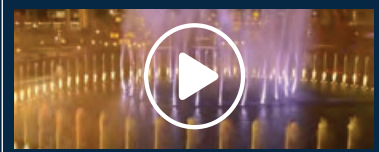
	Geyser 20 T		Geyser 40 T		Geyser 60 T		Geyser 100 T	
Fountain height	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
[m]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
0.50	30	0.20	82	0.27	128	0.24	–	–
0.75	33	0.25	89	0.31	140	0.29	–	–
1.00	37	0.30	95	0.35	151	0.34	–	–
1.50	42	0.39	105	0.43	171	0.43	–	–
2.00	47	0.49	115	0.52	189	0.53	459	0.56
2.50	52	0.59	124	0.60	205	0.62	497	0.66
3.00	56	0.69	133	0.69	220	0.72	532	0.75
4.00	64	0.89	149	0.86	247	0.91	596	0.94
5.00	71	1.08	163	1.03	272	1.09	653	1.13
6.00	77	1.28	176	1.20	295	1.29	707	1.33
7.00	–	–	188	1.38	316	1.57	757	1.52
8.00	–	–	199	1.55	336	1.67	803	1.71
10.00	–	–	–	–	373	2.06	890	2.10
12.00	–	–	–	–	407	2.44	969	2.49
14.00	–	–	–	–	–	–	1043	2.89
16.00	–	–	–	–	–	–	1112	3.28
18.00	–	–	–	–	–	–	1178	3.68
20.00	–	–	–	–	–	–	1240	4.08
25.00	–	–	–	–	–	–	1386	5.09

TECHNICAL DATA

					
Product		Geyser 20 T	Geyser 40 T	Geyser 60 T	Geyser 100 T
Dimensions (dia. × H)	[mm]	78 × 227	98 × 270	125 × 335	182 × 480
Connection		G 1	G 1 ½	G 2	G 3
Material		Bronze	Bronze	Bronze	Bronze
Weight	[kg]	1.88	3.52	5.80	17.50
Item no. NPT		–	89024	89025	89027
Item no.		50991	50992	50993	50995

For the ultimate surprise

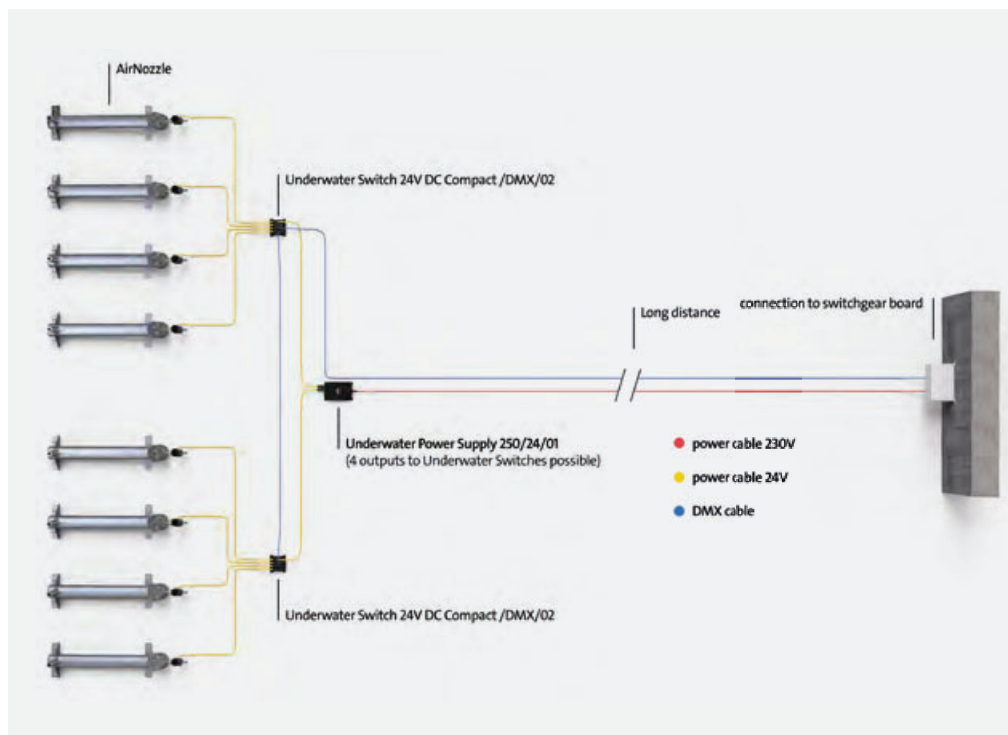
The air-powered AirNozzles provide every fountain show with a very special highlight. These water effects create fountain heights of up to 70 m in seconds.



Experience the AirNozzle
in action:



AirNozzle: The highlight of any fountain show



- ⊕ Breathtaking water effects with the ultimate element of surprise
- ⊕ Water fountains of up to 70 m are shot upwards using compressed air
- ⊕ Up to 15 fountain jet blasts per minute possible (in conjunction with the 24 V DC Compact/DMX/02 underwater switch)
> Page 304

The principle

The AirNozzles stand out on account of their precise and impressive fountain jet blasts, which can reach between 6 and 70 m in height. The short filling times with either two to six fountain jet blasts, depending on the product variant, enable these impressive water effects.

A perfect system

These complex water choreographies are made possible by an optimally coordinated overall system. Thanks to the patented ProNect underwater connection technology, the components are installed easily, quickly and safely. The Underwater Switch connected for controlling the AirNozzle is an impressive unit with exceptionally fast switching of up to 20 times per second.

SYSTEM COMPONENTS

					
AirNozzle horizontal	AirNozzle vertical	AirNozzle 24 vertical	AirNozzle 50 vertical	Underwater switch 24 V DC	Underwater power supply
-	-	-	-	84956	50733
> From page 78	> From page 78	> Page 82	> Page 82	> Page 304	> Page 300



More about the products!

AirNozzle S

Impressive water effect with economical operation



- ⊕ Fountain heights from 6 to 20 m
- ⊕ With Underwater Switch 24 V DC Compact/DMX/02 controllable via DMX
- ⊕ Safe to use under water: thanks to the patented ProNectconnector system and with protection class IP68
- ⊕ Energy-efficient compressed air operation
- ⊕ High dynamics – up to 15 fountain jet blasts per minute
- ⊕ Different designs for different water heights
- ⊕ Made from high-quality, durable stainless steel
- ⊕ Patented water supply for AirNozzles (48423, 48424, 48425)



AirNozzle 15 E-6 m vertical/01
48422



AirNozzle 20 E-14 m vertical/01
48423



AirNozzle 20 E-15 m horizontal/01
48424



AirNozzle 24 E-20 m horizontal/01
48425

ACCESSORIES

Product		Item no.
Underwater Switch 24 V DC Compact/DMX/02	> Page 304	84956
Underwater power supply 250/24 V/01	> Page 300	50733
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646

Product		Item no.
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



EFFECT DESIGN

Water effects
AirNozzle S 

Fountain height
20 m

Suitable for
Fresh water,
pool water and
saltwater 

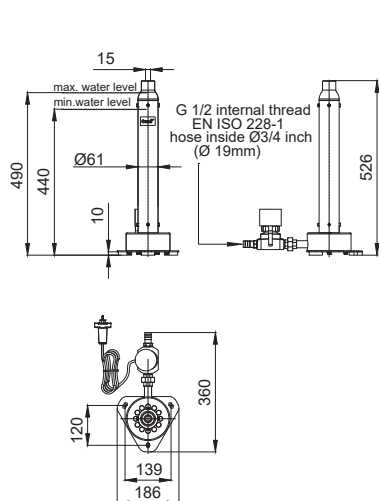
24 V DC

Effect design

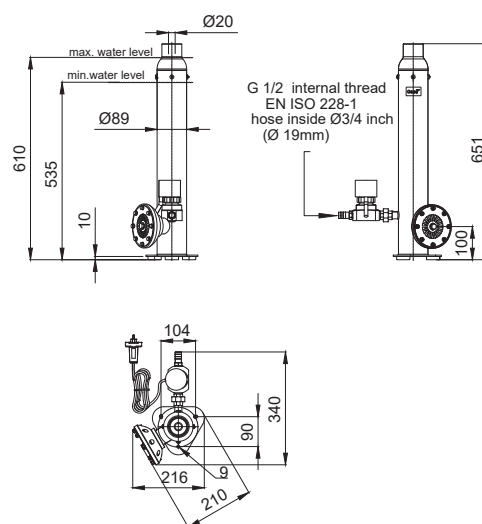
HYDRAULIC DATA

	Air pressure [bar]	Height [m]	Jet time every [s]	Air requirement [l]
AirNozzle 15 E-6 m vertical/01	0.50	2.00	2.00	0.50
	0.75	4.00	3.00	1.50
	0.90	5.00	4.00	2.00
	1.00	6.00	4.00	2.50
AirNozzle 20 E-14 m vertical/01	0.75	3.00	4.00	2.00
	1.00	4.00	4.00	2.00
	1.50	10.00	4.00	3.50
	2.00	14.00	4.00	7.50
AirNozzle 20 E-15 m horizontal/01	0.50	1.50	2.00	1.50
	1.00	4.50	3.00	2.50
	1.50	8.50	4.20	4.50
	2.00	12.00	5.10	5.50
	2.50	15.00	6.30	10.50
AirNozzle 24 E-20 m horizontal/01	1.00	4.60	3.90	3.00
	2.00	11.00	6.10	9.00
	3.00	14.00	7.60	11.50
	4.00	18.00	9.30	20.00
	5.00	20.00	9.30	21.50

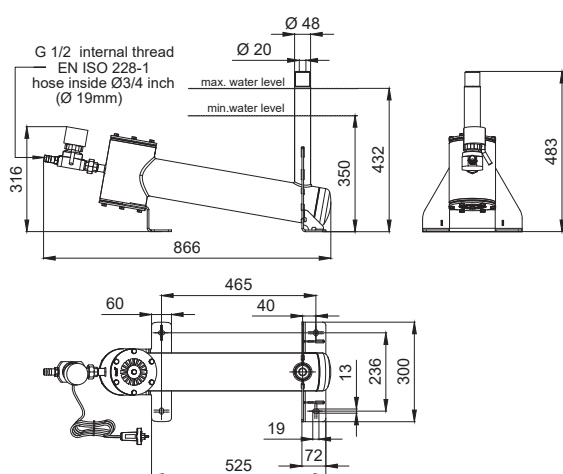




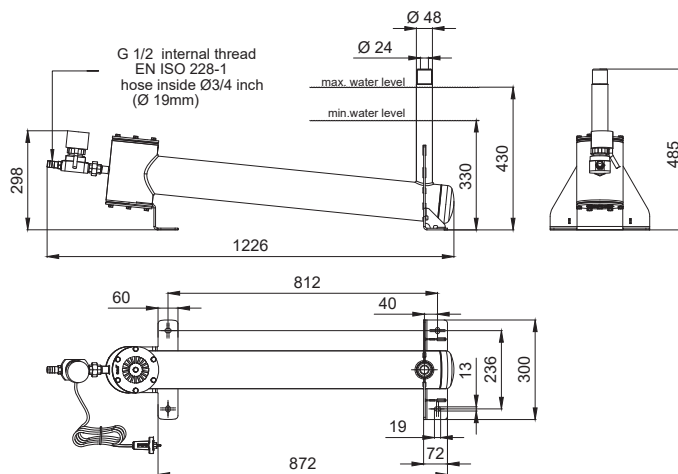
AirNozzle 15 E-6 m vertical/01



AirNozzle 20 E-14 m vertical/01



AirNozzle 20 E-15 m horizontal/01



AirNozzle 24 E-20 m horizontal/01

TECHNICAL DATA

					
Product		AirNozzle 15 E-6 m vertical/01	AirNozzle 20 E-14 m vertical/01	AirNozzle 20 E-15 m horizontal/01	AirNozzle 24 E-20 m horizontal/01
Dimensions (L × W × H)	[mm]	360 × 186 × 525	203 × 116 × 651	758 × 300 × 483	1120 × 300 × 483
Max. fountain height	[m]	6.00	14.00	15.00	20.00
Jet frequency (water fill time)	[s]	4	4	8	10
Water volume per jet blast	[l]	0.75	2.50	7.00	10.00
Nozzle opening	[mm]	15.00	20.00	20.00	24.00
Min. water level	[mm]	440	535	350	330
Max. water level	[mm]	490	610	432	430
Max. air pressure	[bar]	1.00	2.00	3.00	5.00
Air inlet connection	[mm]	13	13	13	13
Air inlet connection		G ½	G ½	G ½	G 1 ½
Power consumption	[W]	11	11	11	11
Rated voltage		24 V DC	24 V DC	24 V DC	24 V DC
Rated current	[A]	0.46	0.46	0.46	0.46
Power cable length	[m]	7.50	7.50	7.50	7.50
Power connection type		24 V DC plug	24 V DC plug	24 V DC plug	24 V DC plug
Material		Stainless steel 1.4571 (AISI 316Ti)			
Weight	[kg]	5.60	8.10	14.50	17.00
Item no.		48422	48423	48424	48425

AirNozzle L/XL

Extra powerful: up to 70 m fountain height



+ Fountain heights from 30 to 70 m (higher available on request)

+ Compact design, made of high-quality, durable stainless steel

+ Saltwater version on request

+ Safe to use underwater: Thanks to the patented ProNect connector system and protection class IP68



+ High dynamics thanks to short filling times – up to ten fountain jet blasts per minute

+ Energy-efficient compressed air operation

+ With Underwater Switch 24 V DC Compact/DMX/02 controllable via DMX

ACCESSORIES

Product		Item no.
Underwater Switch 24 V DC Compact/DMX/02	> Page 304	84956
Underwater power supply 250/24 V/01	> Page 300	50733
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646

Product		Item no.
Connecting cable 24 V DC/1.0 m/01	> Page 312	12762
Connecting cable 24 V DC/1.5 m/01	> Page 312	49629
Connecting cable 24 V DC/3.0 m/01	> Page 312	12552
Connecting cable 24 V DC/7.5 m/01	> Page 312	12553
Connecting cable 24 V DC/15.0 m/01	> Page 312	11720
PowerBox 24 V DC/01	> Page 313	50493
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



EFFECT DESIGN

Water effects
AirNozzle L/XL 

Fountain height
70 m*

Suitable for
Fresh water and
pool water 
24 V DC

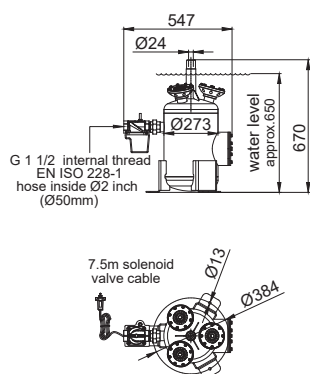
* Larger fountain heights on request.

** Saltwater product version on request.

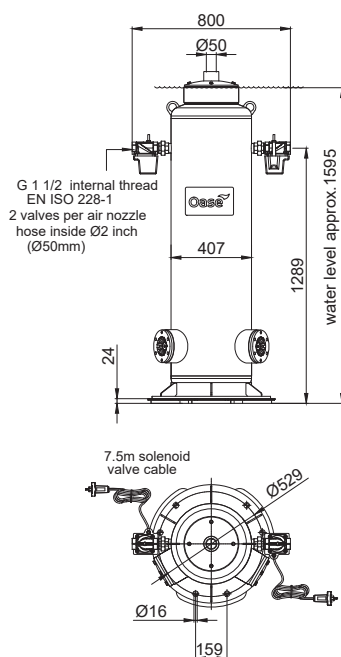
HYDRAULIC DATA

	Air pressure [bar]	Height [m]	Jet blast time every [s]	Air requirement [l]
AirNozzle 24 E-30 m vertical/01	5.20	30.00	6	45
AirNozzle 50 E-50 m vertical/01	8.00	50.00	25	250
AirNozzle 50 E-70 m vertical/01	12.00	70.00	25	650

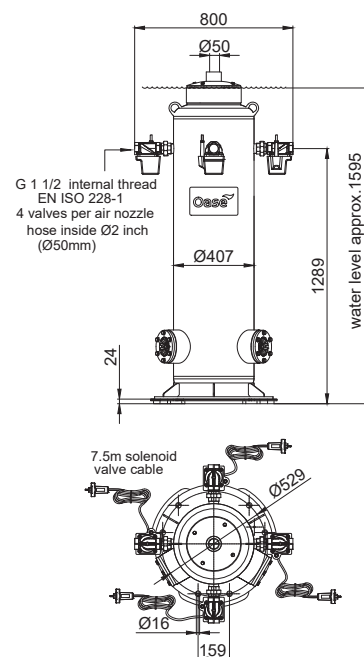




AirNozzle 24 E-30 m vertical/01



AirNozzle 50 E-50 m vertical/01



AirNozzle 50 E-70 m vertical/01

TECHNICAL DATA

Product		AirNozzle 24 E-30 m vertical/01	AirNozzle 50 E-50 m vertical/01	AirNozzle 50 E-70 m vertical/01
Dimensions (L × W × H)	[mm]	1120 × 300 × 483	1676 × 704 × 600	1676 × 704 × 600
Max. fountain height	[m]	30.00	50.00	70.00
Jet frequency (water fill time)	[s]	6	25	25
Water volume per jet blast	[l]	45.00	180.00	180.00
Nozzle opening	[mm]	24.00	50.00	50.00
Min. water level	[mm]	650	1595	1595
Max. water level	[mm]	650	1595	1595
Max. air pressure	[bar]	6.00	11.00	15.00
Air inlet connection		G 1 ½	G 1 ½	G 1 ½
Power consumption	[W]	18.50	37.00	74.00
Rated voltage		24 V DC	24 V DC	24 V DC
Rated current	[A]	0.46	0.92	1.84
Power cable length	[m]	7.50	7.50	7.50
Power connection type		24 V DC plug	24 V DC plug	24 V DC plug
Material		Plastic/stainless steel 1.4301 (AISI 304)	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4301 (AISI 304)
Weight	[kg]	20.00	79.00	80.00
Item no.		48426	48427	48428

VarioJet

For versatile show fountains



+ Dynamic, fascinating water effects due to variable volume flows

+ Two pressure connections for connecting two Varionaut pumps

+ Tip: Achieve even more complex water patterns (e.g. water lilies) with the VarioJet CrownNozzle – a combination of the VarioJet and CrownNozzle

+ With swivel connection and connection hose for easy alignment

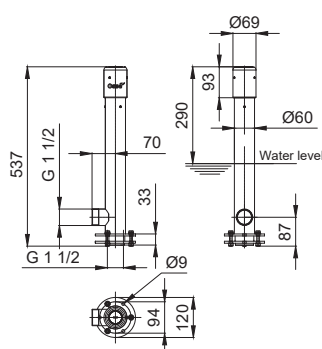
+ Saltwater version on request

+ Made from high-quality, durable stainless steel

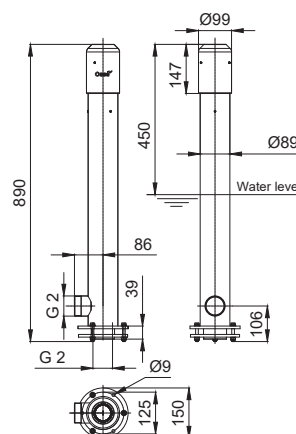


ACCESSORIES

Product		Item no.
VarioJet Base	> Page 355	76235
Varionaut 150 24 V/DMX/02	> Page 180	50665
Varionaut 150 24 V/DMX/02	> Page 180	57650
Varionaut 150/DMX/02	> Page 184	50343
Varionaut 150/DMX/02	> Page 184	57690
Varionaut 240 24 V/DMX/02	> Page 182	46821
Varionaut 270/DMX/02	> Page 186	40758
Varionaut 270/DMX/02	> Page 186	40844
Varionaut 400/DMX/02	> Page 188	46421
Varionaut 400/DMX/02	> Page 188	33256



VarioJet 42 - 15



VarioJet 55 - 20



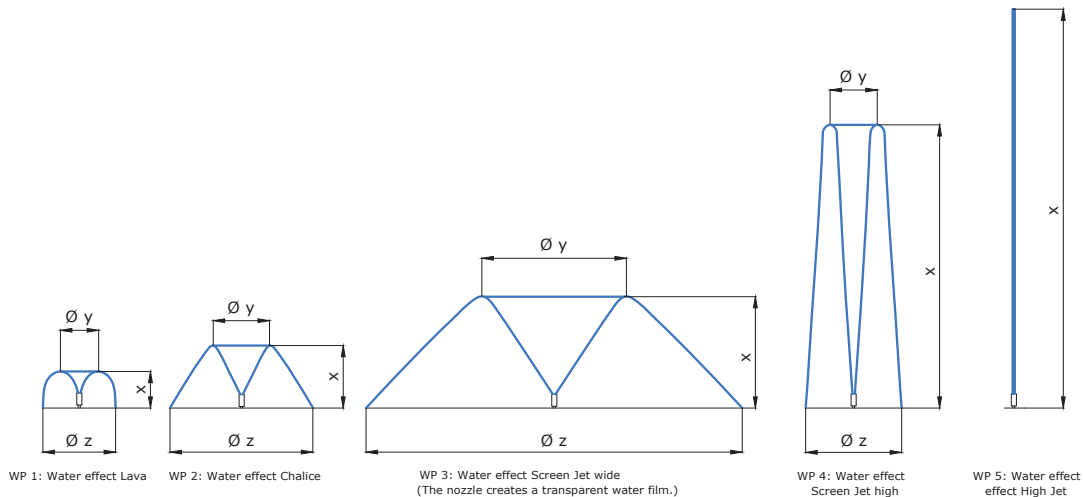
EFFECT DESIGN

Water effects
VarioJet 

Fountain height
9 m

Suitable for
Fresh water,
pool water and
saltwater 

* Saltwater product version
on request.



For detailed information, see the website/datasheet

TECHNICAL DATA

Product		VarioJet 42 - 15	VarioJet 55 - 20
Dimensions (L × W × H)	[mm]	130 × 120 × 537	160 × 150 × 890
Max. fountain height (2× Varionaut 150/DMX/02)	[m]	3.00	–
Max. fountain height (2× Varionaut 240 24 V/DMX/02)	[m]	4.60	–
Max. fountain height (2× Varionaut 270/DMX/02)	[m]	5.40	–
Max. fountain height (2× Varionaut 400/DMX/02)	[m]	–	9.00
Material		Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4301 (AISI 304)
Weight	[kg]	5.11	13.20
Item no.		52128	52129

VarioJet CrownNozzle

A nozzle with three pumps for a wide range of possibilities



+ Dynamic, variable and fascinating water patterns for three Varionaut 400 pumps

+ Combination of VarioJet and CrownNozzle for water patterns such as single jet, water dome and even water lilies

+ Saltwater version on request

+ Multi-jet nozzle with 24 nozzle openings, each 6 mm in diameter

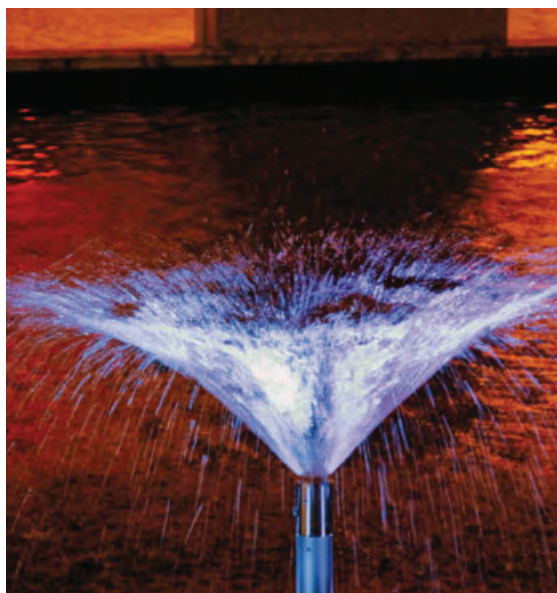
+ Made from high-quality, durable stainless steel

+ With swivel connection, mounting base and connection material for easy alignment

+ Operation independent of water level

ACCESSORIES

Product		Item no.
Varionaut 400/DMX/02	> Page 188	46421
Varionaut 400/DMX/02	> Page 188	33256



EFFECT DESIGN

Water effects

VarioJet Crown-
Nozzle



Fountain height

9 m

Suitable for

Fresh water,
pool water and
saltwater



* Saltwater product version
on request.

Effect design

HYDRAULIC DATA

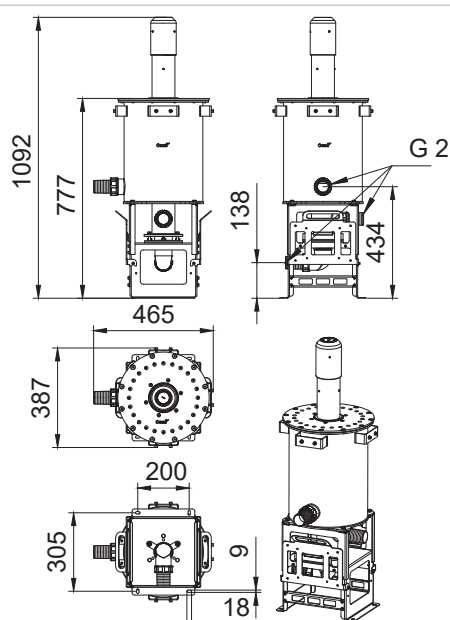
VarioJet CrownNozzle 20 E

Fountain height	NSD	NWR	NPR
[m]	[m]	[l/min]	[bar]
1.00	0.85	116	0.11
2.00	1.55	162	0.23
3.00	2.40	202	0.35
4.00	3.20	237	0.49
5.00	3.90	270	0.64

Max. fountain height with 2 x Varionaut 400/DMX/02 is 9.00 m

TECHNICAL DATA

Product		VarioJet CrownNozzle 20 E
Dimensions (L x W x H)	[mm]	465 x 387 x 1092
Material		Stainless steel 1.4301 (AISI 304)
Pressure connection (3x)		G 2
Weight	[kg]	Approx. 25.00
Item no.		76354



Orb Nozzle

Simple nozzle change for a wide range of effects

+ Nozzle for floor installation almost completely integrated into the floor

+ Quick and easy alignment, cleaning and replacement of the ball inserts with the SplashKit multitool

+ Perfect in the SplashKit system and with SplashCore water switch

+ Included in the Orb Nozzle (77879) scope of delivery: robust anthracite-coloured plastic version with six effect inserts

+ Available separately: high-quality stainless steel versions in five single effect variants

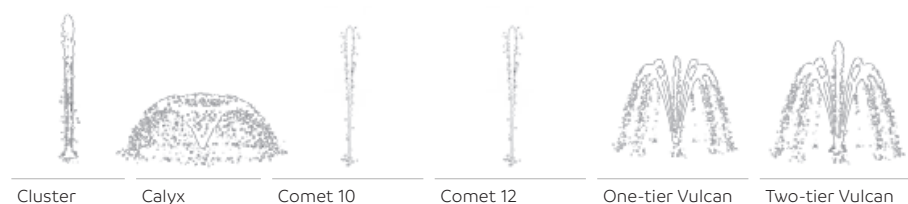
+ Integrated water softener for a clear water pattern

+ 5° adjustable in all directions – e.g. for a vertical jet even on a slope

+ Insert into OASE LED spotlights for perfect lighting – optional choice of SplashKit LED XL RGrBW, ProfiPlane LED XL RGB Spot or ProfiRing LED XL RGB Spot



> See page 160



+ Various effects possible: Comet 10, Comet 12, Cluster, one-tier or two-tier Vulcan, as well as Calyx

ACCESSORIES

Product		Item no.
SplashKit LED XL RGrBW round/DMX/02	> Page 248	77883
SplashKit LED XL RGrBW square/DMX/02	> Page 248	84839
SplashKit LED XL RGrBW recessed/DMX/02	> Page 248	84882
ProfiRing LED XL RGB Spot/DMX/02	> Page 236	73004
ProfiPlane LED XL RGB Spot/DMX/02	> Page 246	73005
SplashCore/DMX/02	> Page 166	77878
SplashCore NPT/DMX/02	> Page 166	84837



Installation video – step by step.





EFFECT DESIGN

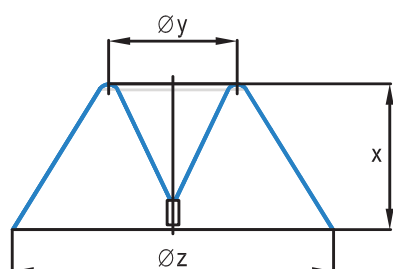
Water effects
Orb Nozzle 

Fountain height
5 m

Suitable for
Fresh water and pool water 

Effect design

HYDRAULIC DATA



Nozzle	x [cm]	y [cm]	z [cm]	NWR [l/min]	NPR [bar]
Cluster	100	2.86	–	34.7	0.12
	200	2.86	–	46.4	0.27
	300	2.86	–	57.0	0.42
	400	2.86	–	65.6	0.57
	500	2.86	–	72.0	0.72
Calyx	25	–	100	19.4	0.04
	50	–	200	25.8	0.08
	75	–	300	31.2	0.14
	100	–	400	37.6	0.21
Comet 10	100	1.07	–	28.0	0.11
	200	1.07	–	37.6	0.22
	300	1.07	–	45.2	0.34
	400	1.07	–	53.8	0.50
	500	1.07	–	60.2	0.67
Comet 12	100	1.27	–	30.6	0.12
	200	1.27	–	40.9	0.22
	300	1.27	–	49.5	0.33
	400	1.27	–	59.1	0.46
	500	1.27	–	66.7	0.63
One-tier Vulcan	100	60	130	30.1	0.14
	200	120	260	41.4	0.28
	300	150	300	51.6	0.45
	400	–	–	62.4	0.68
Two-tier Vulcan	100	50	100	34.4	0.13
	200	80	140	48.0	0.26
	300	130	180	59.5	0.42
	400	150	200	69.9	0.58

TECHNICAL DATA

						
Product	Orb Nozzle	Orb Nozzle Stainless Steel – Cluster	Orb Nozzle Stainless Steel – Calyx	Orb Nozzle Stainless Steel – Comet 10	Orb Nozzle Stainless Steel – Comet 12	Orb Nozzle Stainless Steel – Vulcan
Dimensions [mm] (dia. × H)	69 × 105	69 × 105	69 × 105	69 × 105	69 × 105	69 × 105
Material	Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)	Plastic/stainless steel 1.4301 (AISI 304)
Weight [kg]	0.50	0.36	0.46	0.51	0.46	0.36
Item no.	77879	75187	75188	75184	75186	75189



More about the product!

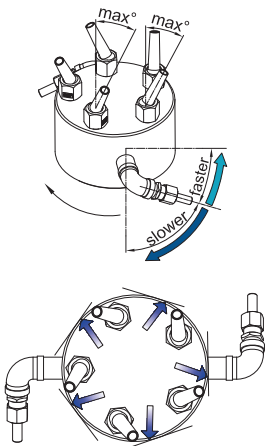
Rotating nozzle

Elegant turning motion for a truly eye-catching display

+ Rotating, spiral, dynamic water pattern

+ Durable with high-quality, robust stainless steel and double-coated brass

+ Wind-resistant fountains



+ Five-fold helix made possible by five Comet nozzles arranged in a circle on the rotary nozzle and by the recoil of the two laterally inclined Comet nozzles

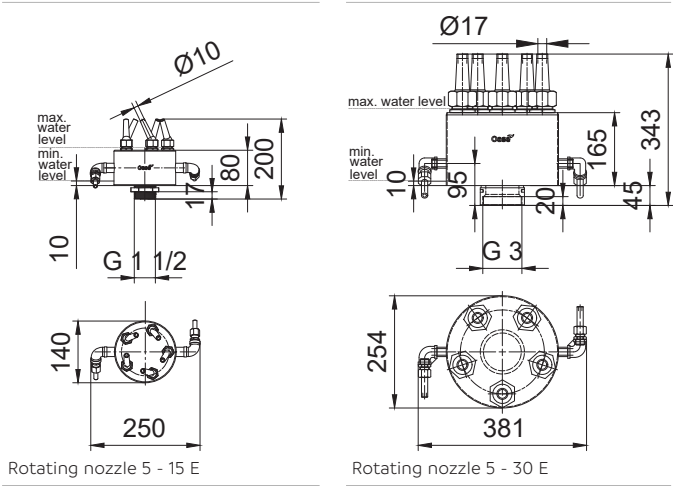
i Dynamic use:

- > Startup from 0 to 100% of the max. fountain height, no faster than three seconds
- > Start up the nozzle at full fountain height four times per minute max.

+ Different water levels can affect the rotation speed

ACCESSORIES

Product		Item no.
Hexagonal double nipple 30 silver	> Page 366	51025
Adapter G 15/NPT 15 silver	> Page 367	51027
Adapter G 30/NPT 30 silver	> Page 367	51029





EFFECT DESIGN

Water effects
Rotating nozzle 

Fountain height
10 m

Suitable for
Fresh water 

Effect design

HYDRAULIC DATA

	Rotating nozzle 5 - 15 E			Rotating nozzle 5 - 30 E		
Max. fountain height	NSD	NWR	NPR	NSD	NWR	NPR
[m]	[m]	[l/min]	[bar]	[m]	[l/min]	[bar]
1.00	2.00	141	0.25	Adjustable	330	0.15
1.25	2.40	158	0.31	–	–	–
1.50	3.10	173	0.38	–	–	–
1.75	3.50	187	0.44	–	–	–
2.00	4.00	199	0.50	Adjustable	500	0.30
2.50	4.40	223	0.63	–	–	–
3.00	5.00	244	0.76	Adjustable	630	0.50
3.50	5.60	264	0.89	–	–	–
4.00	6.00	282	1.01	Adjustable	740	0.60
5.00	–	–	–	Adjustable	790	0.75
6.00	–	–	–	Adjustable	875	0.90
7.00	–	–	–	Adjustable	980	1.10
8.00	–	–	–	Adjustable	1050	1.30
9.00	–	–	–	Adjustable	1110	1.50
10.00	–	–	–	Adjustable	1170	1.60

TECHNICAL DATA



Product	Rotating nozzle 5 - 15 E		Rotating nozzle 5 - 30 E	
Dimensions (L × W × H)	[mm]	250 × 142 × 200		381 × 254 × 343
Material		Stainless steel/double-coated brass		Stainless steel/double-coated brass
Weight	[kg]	2.88		17.50
Item no.		50967		50473

Fan Jet

Veils of water that fascinate – and conceal

+ Aesthetic, fan-shaped water veils

+ Operation independent of water level

+ Perfect as a projection surface for projector and laser shows and for use with the Multi Directional Drive XL 3D/DMX/02 and Multi Directional Drive L 3D/DMX/02 effect units.

+ The model 30 - 11 E creates water walls up to 9 m high and 27.6 m wide

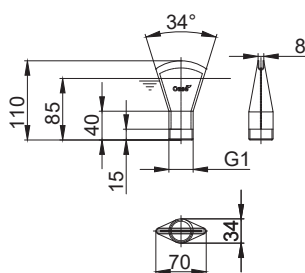


Dynamic+
Für Wow-Effekte in Kombination mit Fontänenaufsätzen.

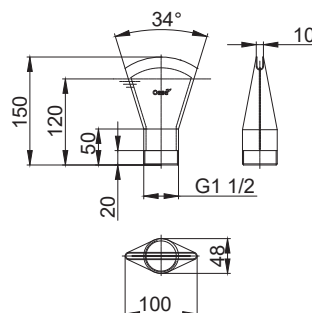
> See page 124

+ Depending on the direction of installation of the nozzles, various water patterns are created, e.g. water curtain or water fall

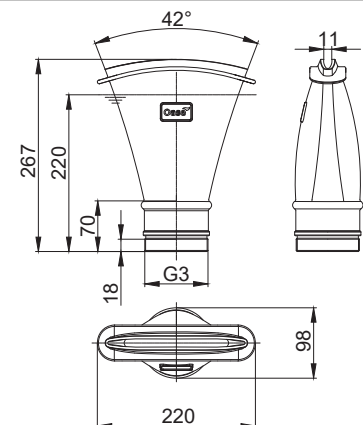
+ To adjust the water pattern, a throttle device is required



Fan Jet 10 - 6 E



Fan Jet 15 - 8 E



Fan Jet 30 - 11 E

ACCESSORIES

Product		Item no.	Product		Item no.
Swivel connection 10 silver	> Page 366	51015	Adapter G 15/NPT 15 silver	> Page 367	51027
Swivel connection 15 silver	> Page 366	51016	Reducing sleeve 15 x 10	> Page 367	51032
Sleeve 10 silver	> Page 366	51018	Reducing sleeve 20 x 15	> Page 367	51030
Sleeve 15 silver	> Page 366	51019	Flow Valve 10	> Page 367	51033
Ball joint 10	> Page 368	51165	Multi Directional Drive L 3D/DMX/02	> Page 146	34322
Adapter G 10/NPT 10 silver	> Page 367	51026	Multi Directional Drive XL 3D/DMX/02	> Page 150	46982



EFFECT DESIGN

Water effects
Fan Jet 

Fountain height
9 m

Suitable for
Fresh water,
pool water and
saltwater 

Effect design

HYDRAULIC DATA

		Fan Jet 10 - 6 E			Fan Jet 15 - 8 E			Fan Jet 30 - 11 E		
Max. fountain height		SPW [m]	NWR [l/min]	NPR [bar]	SPW [m]	NWR [l/min]	NPR [bar]	SPW [m]	NWR [l/min]	NPR [bar]
0.25	[m]	0.60	70	0.04	–	–	–	–	–	–
0.50	[m]	1.00	94	0.06	1.40	143	0.06	–	–	–
0.75	[m]	1.50	116	0.11	1.80	174	0.09	–	–	–
1.00	[m]	2.00	134	0.13	2.80	200	0.11	2.40	404	0.14
1.25	[m]	2.80	150	0.16	3.40	223	0.14	–	–	–
1.50	[m]	3.00	165	0.19	4.00	244	0.17	–	–	–
1.75	[m]	3.80	179	0.23	5.00	264	0.20	–	–	–
2.00	[m]	–	–	–	5.50	282	0.25	4.00	611	0.22
3.00	[m]	–	–	–	–	–	–	7.80	827	0.38
4.00	[m]	–	–	–	–	–	–	14.00	1015	0.55
5.00	[m]	–	–	–	–	–	–	17.00	1128	0.63
6.00	[m]	–	–	–	–	–	–	19.00	1316	0.85
7.00	[m]	–	–	–	–	–	–	22.60	1457	1.00
8.00	[m]	–	–	–	–	–	–	26.00	1589	1.15
9.00	[m]	–	–	–	–	–	–	27.60	1748	1.35

TECHNICAL DATA

							
Product		Fan Jet 10 - 6 E		Fan Jet 15 - 8 E		Fan Jet 30 - 11 E	
Dimensions (L × W × H)	[mm]	110 × 70 × 34		150 × 100 × 49		267 × 98 × 220	
Water film thickness	[mm]	6.00		8.00		11.00	
Material		Stainless steel 1.4571 (AISI 316Ti)		Stainless steel 1.4571 (AISI 316Ti)		Stainless steel 1.4571 (AISI 316Ti)	
Weight	[kg]	0.20		0.40		3.70	
Item no.		53056		53047		46983	

Gushing nozzle

Rich waterfall with a large visual presence

+ Closed, fan-shaped waterfall
of 6 mm thickness

+ Striking, largely wind-stable
water pattern

+ Spectacular configurations
possible – e.g. arrangement
of multiple gushing nozzles
around a central nozzle

+ For operation independent
of water level

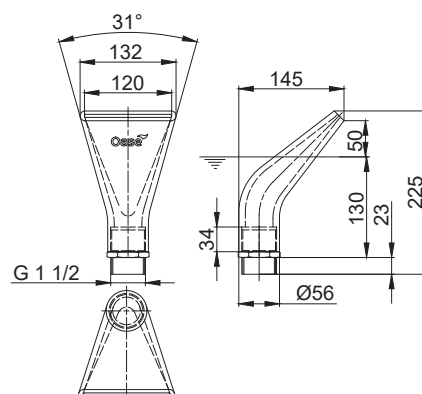
+ Durable, double-coated brass,
chrome-plated and nickel-plated

+ Fan beam angle of 30°



ACCESSORIES

Product		Item no.
Swivel connection 10 silver	> Page 366	51015
Swivel connection 15 silver	> Page 366	51016
Sleeve 10 silver	> Page 366	51018
Sleeve 15 silver	> Page 366	51019
Ball joint 10	> Page 368	51165
Adapter G 10/NPT 10 silver	> Page 367	51026
Adapter G 15/NPT 15 silver	> Page 367	51027
Reducing sleeve 15 x 10	> Page 367	51032
Reducing sleeve 20 x 15	> Page 367	51030
Flow Valve 10	> Page 367	51033





EFFECT DESIGN

Water effects
Gushing nozzle 

Fountain height
1.2 m

Suitable for
Fresh water and pool water 

Effect design

HYDRAULIC DATA

Gushing nozzle 115 - 15 silver				
Parabolic width PW	PH	SPW	NWR	NPR
[m]	[m]	[m]	[l/min]	[bar]
0.50	0.10	0.25	94	0.04
0.75	0.15	0.33	112	0.06
1.00	0.20	0.42	131	0.08
1.25	0.26	0.50	150	0.10
1.50	0.33	0.58	168	0.12
1.75	0.40	0.67	187	0.14
2.00	0.48	0.75	205	0.15
2.50	0.62	0.92	243	0.19
3.00	0.77	1.08	280	0.23
3.50	0.92	1.25	317	0.27
4.00	1.06	1.42	354	0.31
4.50	1.21	1.58	392	0.34

TECHNICAL DATA

Product	Gushing nozzle 115 - 15 silver	
Dimensions (L x W x H)	[mm]	132 x 145 x 194
Water film thickness	[mm]	6.00
Material	Double-coated brass	
Weight	[kg]	2.54
Item no.	50767	

WaterScreenNozzle

The video water spectacle





EFFECT DESIGN

Water effects

WaterScreen-
Nozzle



Fountain height

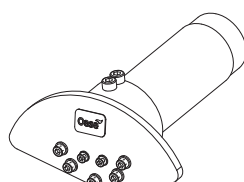
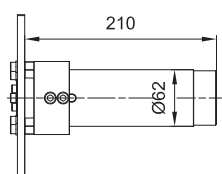
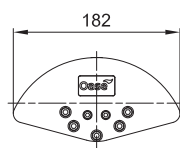
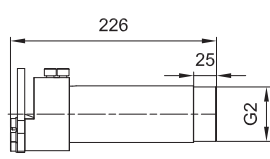
15 m

Suitable for

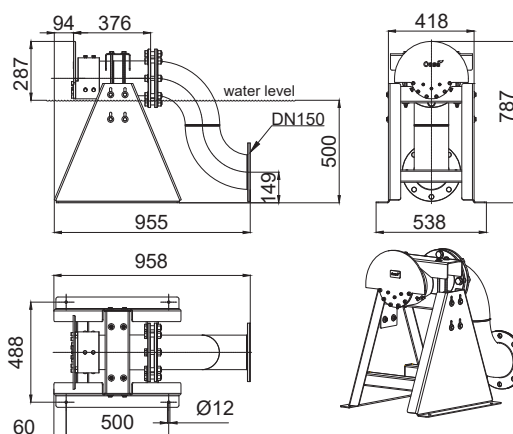
Fresh water,
pool water and
saltwater



Effect design



WaterScreenNozzle S



WaterScreenNozzle XL

TECHNICAL DATA



Product	WaterScreenNozzle S	WaterScreenNozzle XL
Dimensions (L × W × H)	[mm] 226 × 182 × 92	930 × 528 × 802
Size of the water screen	[m] 15 × 5	45 × 15
NWR	[l/min] 870.00	4000.00
NPR	[bar] 2.60	12.00
Material	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4571 (AISI 316Ti)
Weight with angle (approx.)	[kg] 3.50	95.00
Item no.	50480	50481

Lava

Crystal-clear water domes that are particularly quiet

+ Crystal clear domes with adjustable diameter

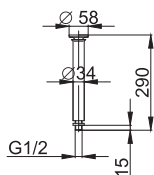
+ Fountain diameter 200 to 1100 mm depending on the model

+ High-quality, modern stainless steel look

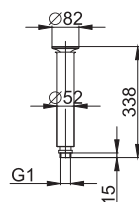
+ Optionally with underwater lighting

+ For operation independent of water level

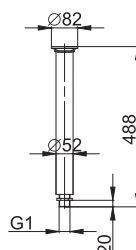
+ Low noise levels – perfect for indoor applications and wind-protected outdoor rest areas



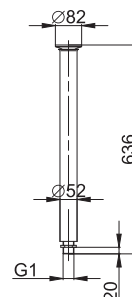
Lava 25 - 5 E



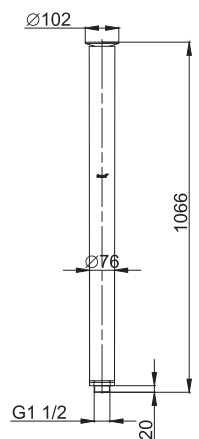
Lava 30 - 10 E



Lava 45 - 10 E



Lava 60 - 10 E



Lava 100 - 15 E



EFFECT DESIGN

Water effects
Lava 

Fountain height
0.6 m

Suitable for
Fresh water 

ACCESSORIES

Product		Item no.
Sleeve 10 silver	> Page 366	51018
Sleeve 15 silver	> Page 366	51019
Reducing sleeve 15 × 10	> Page 367	51032
Reducing sleeve 20 × 15	> Page 367	51030
Adapter G 10/NPT 10 silver	> Page 367	51026

HYDRAULIC DATA

	Lava 25 - 5 E		Lava 30 - 10 E		Lava 45 - 10 E		Lava 60 - 10 E		Lava 100 - 15 E	
Fountain diameter	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR	NWR	NPR
[mm]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]	[l/min]	[bar]
200	17	0.09	–	–	–	–	–	–	–	–
300	21	0.11	35	0.11	–	–	–	–	–	–
400	25	0.14	43	0.13	43	0.14	–	–	–	–
500	29	0.17	51	0.16	51	0.17	51	0.18	–	–
600	33	0.21	59	0.20	59	0.21	59	0.22	–	–
700	–	–	67	0.25	67	0.26	67	0.27	–	–
900	–	–	–	–	75	0.32	75	0.33	86	0.21
1100	–	–	–	–	–	–	83	0.40	108	0.24
1300	–	–	–	–	–	–	–	–	130	0.28

TECHNICAL DATA

					
Product	Lava 25 - 5 E	Lava 30 - 10 E	Lava 45 - 10 E	Lava 60 - 10 E	Lava 100 - 15 E
Dimensions [mm]	58 × 290	82 × 338	82 × 488	82 × 636	102 × 1066
Material	Stainless steel 1.4301 (AISI 304)				
Weight [kg]	0.62	1.60	2.10	1.94	5.80
Item no.	50884	50889	50890	50891	50892

Water spheres

Perfect water spheres with a sculptural character

⊕ Fine water veil

⊕ Extensive water pattern for optimum visibility from afar



⊕ Fascinating water spheres with different diameters depending on the model

⊕ For operation independent of water level

⊕ Largely wind-resistant

⊕ Decorative stainless steel construction – aesthetic, even without water flow



EFFECT DESIGN

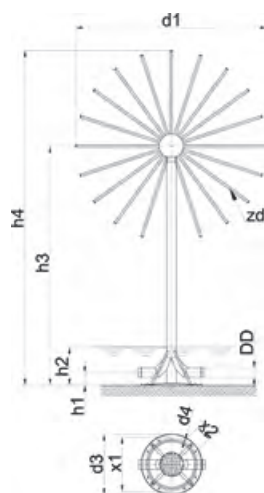
Water effects
Water ball

Fountain height
9.6 m

Suitable for
Fresh water

Effect design

WATER BALL



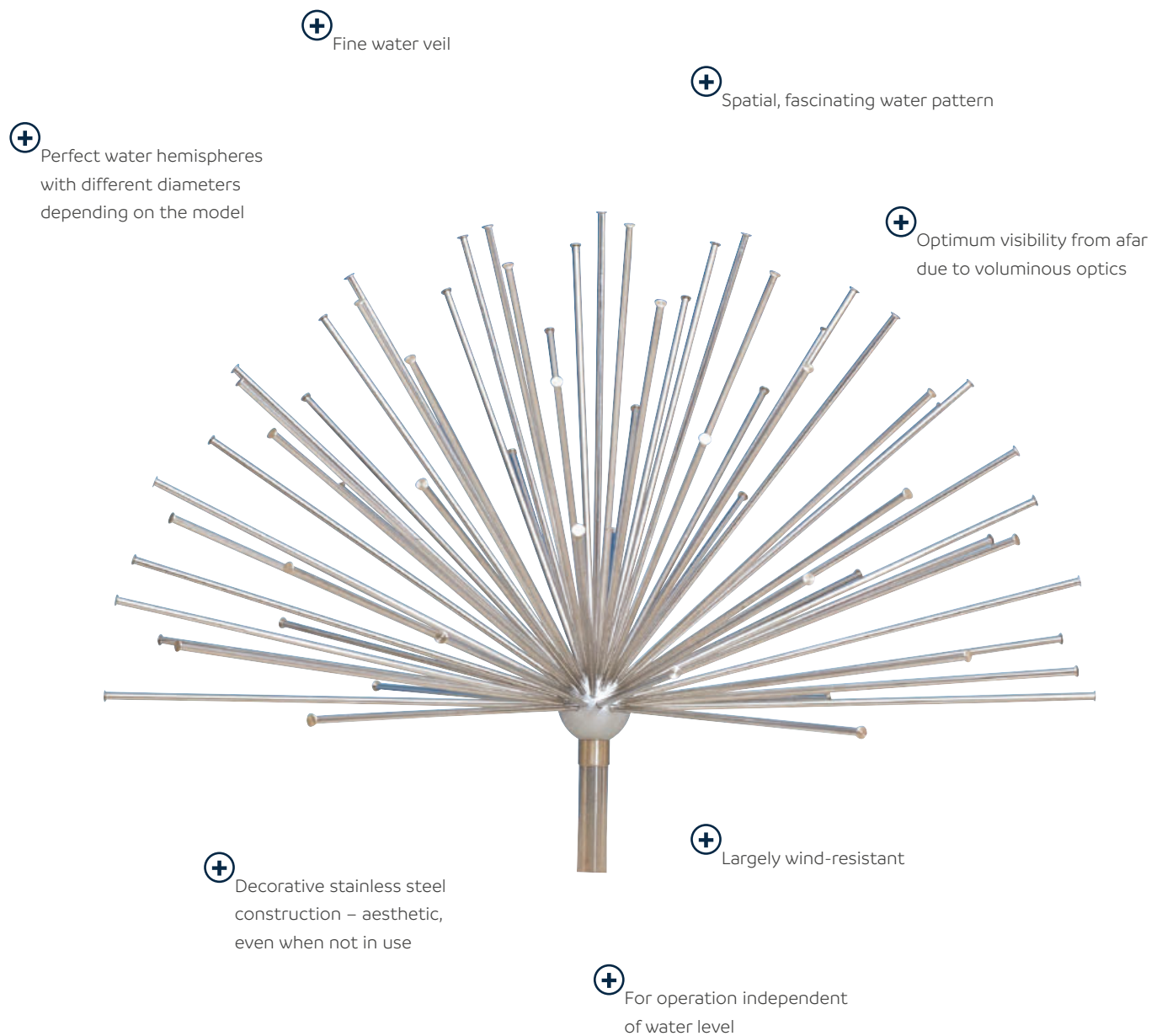
		900	1200	1500	2500	3500	6000
zd	[Unit]	37	79	127	127	380	450
NWR	[l/min]	370.0	790.0	1270.0	1270.0	4180.0	6750.0
NPR	[bar]	1.00	1.00	1.10	1.20	1.60	2.00
MPD	[mm]	2000	2500	3000	4500	6000	10000
DD		1 × DN 65	1 × DN 65	2 × DN 65	2 × DN 65	4 × DN 65	6 × DN 100
d1	[mm]	900	1200	1500	2500	3500	6000
d2	[mm]	76	76	76	76	160	220
d3	[mm]	475	475	475	475	1000	1500
d4	[mm]	12	12	12	12	22	26
h1	[mm]	100	100	100	100	100	125
h2	[mm]	300	300	300	400	500	500
h3	[mm]	1350	1600	1850	2350	4100	6600
h4	[mm]	1800	2200	2600	3600	5850	9600
x1	[mm]	430	430	430	430	900	1400
x2	[mm]	123	123	123	123	200	250

TECHNICAL DATA

Product		Water sphere 900	Water sphere 1200	Water sphere 1500	Water sphere 2500	Water sphere 3500	Water sphere 6000
Dimensions (dia. × H)	[mm]	900 × 1800	1200 × 2200	1500 × 2600	2500 × 3600	3500 × 5850	6000 × 9600
Material		Tombac/stainless steel					
Weight	[kg]	32.00	56.00	100.00	190.00	1100.00	3000.00
Item no.		50894	50895	50896	51759	51760	51761

Water hemispheres

Half spheres, full decorative effect





EFFECT DESIGN

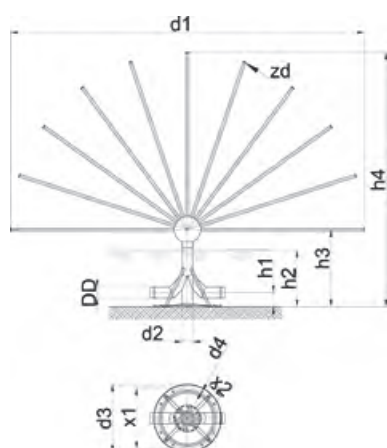
Water effects
Water hemisphere 

Fountain height
3.6 m

Suitable for
Fresh water 

Effect design

WATER HEMISPHERE



		900	1200	1500	2500	3500	6000
zd	[Unit]	25	49	73	73	210	248
NWR	[l/min]	250	490	730	730	2310	3720
NPR	[bar]	0.90	0.90	1.00	1.10	1.30	1.50
MPD	[mm]	1500	2000	2500	3500	5000	9000
DD		1 × DN 65	1 × DN 65	1 × DN 65	1 × DN 65	2 × DN 80	3 × DN 100
d1	[mm]	900	1200	1500	2500	3500	6000
d2	[mm]	76	76	76	76	160	220
d3	[mm]	475	475	475	475	1000	1000
d4	[mm]	12	12	12	12	22	22
h1	[mm]	100	100	100	100	100	125
h2	[mm]	300	300	300	400	500	500
h3	[mm]	500	500	500	600	600	650
h4	[mm]	950	1100	1250	1850	2350	3650
x1	[mm]	430	430	430	430	900	900
x2	[mm]	123	123	123	123	200	200

TECHNICAL DATA

Product		Water hemisphere 900	Water hemisphere 1200	Water hemisphere 1500	Water hemisphere 2500	Water hemisphere 3500	Water hemisphere 6000
Dimensions (dia. × H)	[mm]	900 × 950	1200 × 1100	1500 × 1250	2500 × 1850	3500 × 2350	6000 × 3650
Material		Tombac/stainless steel					
Weight	[kg]	40.00	48.00	80.00	100.00	650.00	1200.00
Item no.		50897	50898	50899	51762	51763	51764

EFFECT DESIGN



Water effects

LiquidArtWall

Fountain height

6 m*



Suitable for

Fresh water

Voltage

220–240 V, 400 V,
110–120 V

Frequency

50 Hz/60 Hz

Control system

DMX/RDM

* Larger fountain heights on request.

LiquidArtWall

Water wall – perfect as a projection surface or room divider



Ideal for the rear projection of videos and laser shows



Design highlight for shopping centres, office buildings, wellness areas or theme parks



Varied water patterns



For a long service life: manufactured from high-quality stainless steel



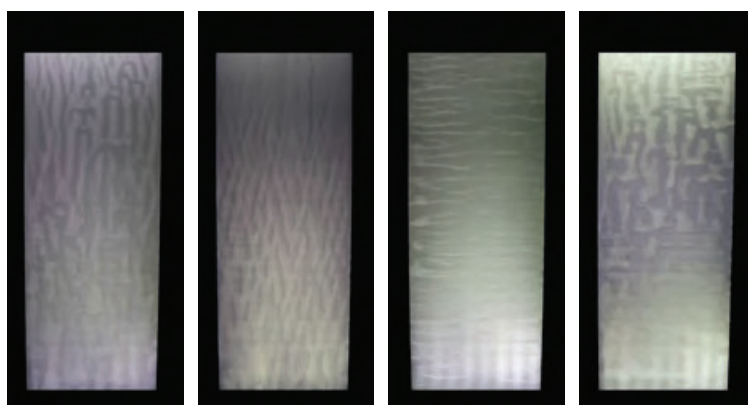
Can also be used as an effective room divider or for modern brand presentations using projections



Quiet operation



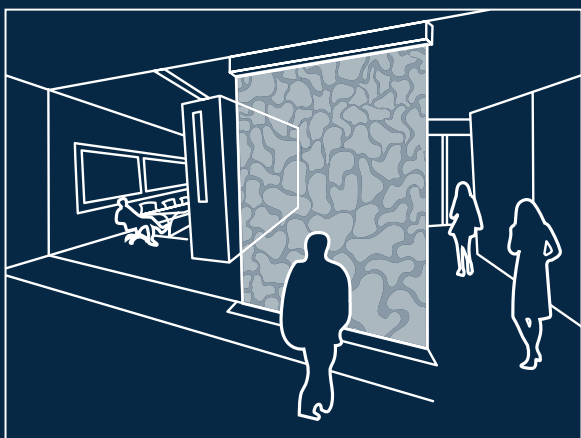
Effective humidifier – improves the indoor climate



TECHNICAL DATA

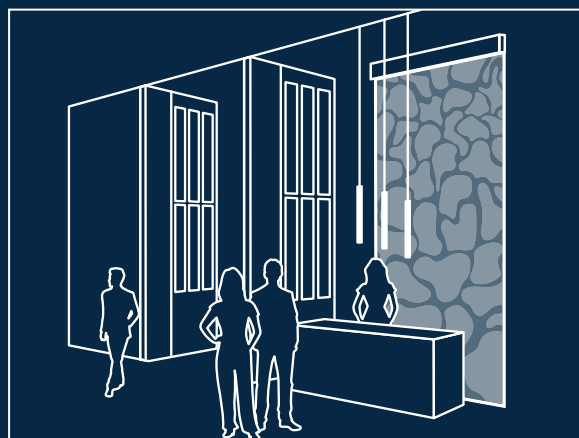
Product		Liquid ArtWall
Water requirement per metre of wall width (max.)	[l/min]	Approx. 50
Weight of wire mesh	[kg/m ²]	Approx. 5
Weight of overflow tank with suspension	[kg/m]	Approx. 150
Material		Stainless steel
Item no.		58912

With its exclusive design and low-noise operation, the modular LiquidArtWall water wall is a perfect highlight for indoor areas – such as shopping centres, office buildings or wellness areas.



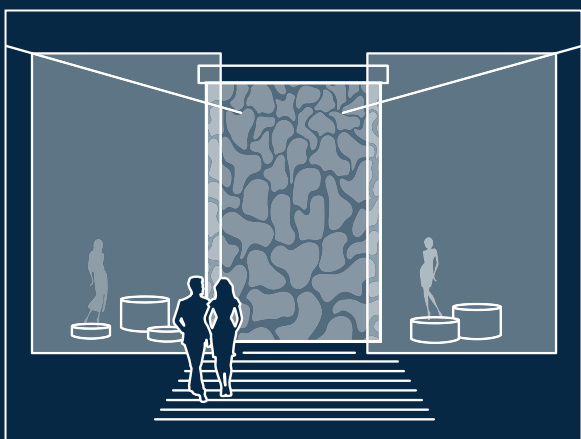
Office

- > Create a space with a calm atmosphere
- > An elegant alternative to frosted glass and conventional partitions
- > Protect visibility and privacy with the water curtain
- > Create a pleasant climate



Reception area

- > High-quality design element as an eye-catching feature
- > Soothing effect of water noise
- > A perfect complement to any room design
- > Pleasant indoor climate



Shopping centre

- > Individual creative possibilities
- > Exclusive design
- > A vibrant water feature that fascinates employees and customers alike
- > Communication space for brands and brand messages

FlashWall

Say it with water: Text and graphics



- Modular water wall
- Compact arrangement of nozzles and valves for a dense water curtain with high resolution
- Sharp, contour-oriented texts and graphics thanks to fast-reacting valve technology
- Precise valve control via DMX/CAN
- Recommended maximum height: 10 m
- Ideal for the rear projection of images, videos and laser graphics
- Modular and variable system: straight or curved, diameter from 3 to 8 m
- Optional: RGB LED illumination and SMS interface for displaying personal text messages





Discover impressive video sequences here:



ACCESSORIES

Product		Item no.
Connecting cable DMX/1.0 m/01	> Page 318	12368
Connecting cable DMX/1.5 m/01	> Page 318	49628
Connecting cable DMX/3.0 m/01	> Page 318	12369
Connecting cable DMX/5.0 m/01	> Page 318	12371
Connecting cable DMX/10.0 m/01	> Page 318	12372
Connecting cable DMX/20.0 m/01	> Page 318	12373

Product		Item no.
End resistant for BUS-system DMX/01	> Page 318	12007
DMX-Box / 01	> Page 319	57646
WECS® III 512/DMX/02	> Page 282	84966
WECS® III 1024/DMX/02	> Page 282	84967
WECS® III Multimedia Controller D2	> Page 286	87750



EFFECT DESIGN

Water effects

FlashWall



Fountain height

10 m

Suitable for

Fresh water



Voltage

220–240 V,
110–120 V

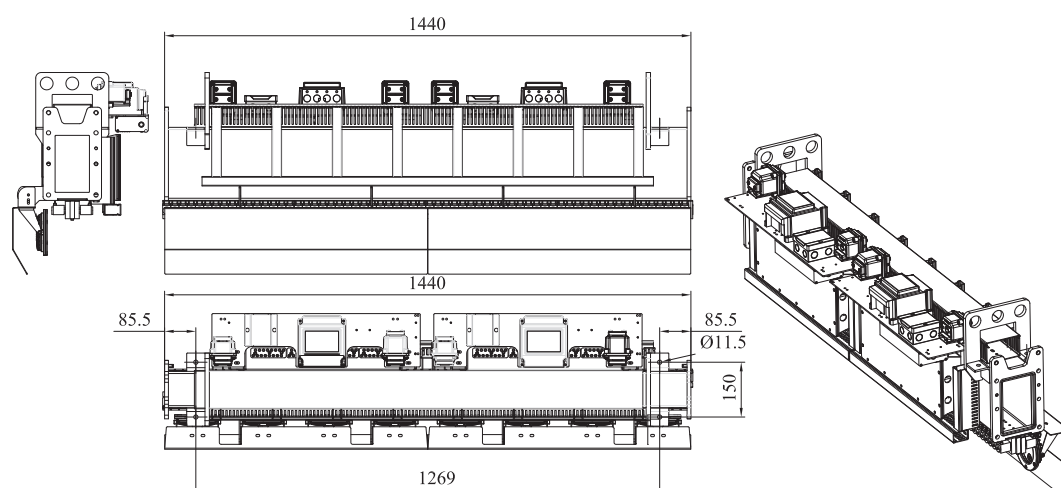
Frequency

50 Hz/60 Hz

Control system

DMX

Effect design



FlashWall

TECHNICAL DATA

Product		FlashWall			
Module length*	[mm]	720	1440	2160	2880
Number of DMX channels	[Unit]	12	12	12	12
Nozzle spacing	[mm]	11.25	11.25	11.25	11.25
Nozzle opening	[mm]	4.6	4.6	4.6	4.6
Nozzle water requirement	[l/min]	32	64	94	128
Number of nozzles	[Units]	64	128	192	256
Rated voltage		24 V DC	24 V DC	24 V DC	24 V DC
Power consumption	[W]	320	640	960	1280
Material		Stainless steel/POM			
Weight per module – unfilled	[kg]	35.00	70.00	105.00	140.00
Weight per module – filled	[kg]	42.00	84.00	126.00	168.00
Item no.		58975			

*The different modules can be combined as desired.

Mylar lace fountain systems

Ideal for indoors: quiet and practically spray-free

⊕ Perfect for hotel foyers, malls or other large interiors, as it is quiet and largely spray-free

⊕ Attractive design concept for high-quality interior design

⊕ Curtains of water running down near-invisible mylar laces

⊕ Can serve as a special room divider or as a distinctive architectural highlight

⊕ Supplied by water distribution system at top with mylar nozzles and mylar laces

⊕ Effective humidifier for a healthy indoor climate

⊕ All technology is hidden in the lower water tank to save space





EFFECT DESIGN

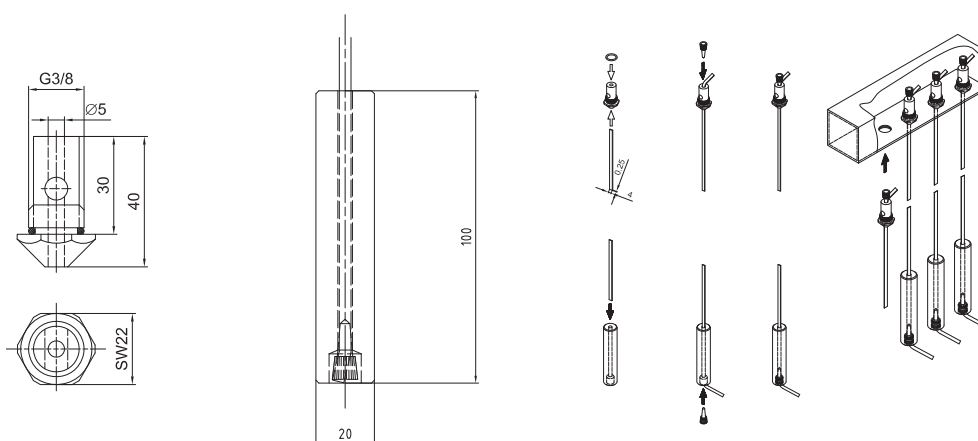
Water effects
Mylar lace system

Fountain height
26 m*

Suitable for
Fresh water

* Larger fountain heights on request.

Effect design



Mylar lace fountain systems

TECHNICAL DATA

				
Product		Mylar lace nozzle 22 MS	Mylar lace 025/4	Mylar lace 20/100 MS
Dimensions (L × W × H)	[mm]	22 × 22 × 40	4 × 0.25 × 150000	20 × 20 × 100
Water requirement	[l/min]	0.5	–	–
Material		Brass	Mylar lace	Brass
Weight	[kg]	0.10	0.21	0.20
Item no.		52218	52219	52220