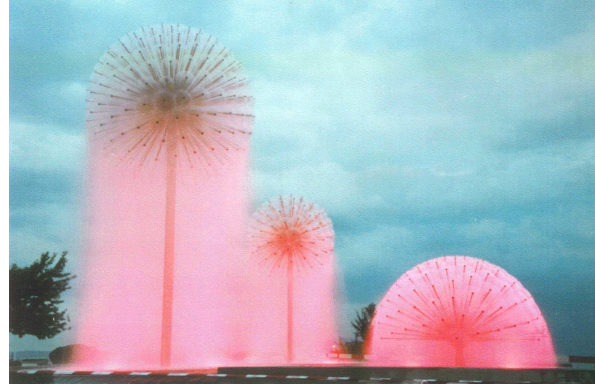




Technical Data Sheet

Product: Sphere Fountain Jets

Product Code: 9, 10 & 11 Series



- NCA's Sphere Fountain jets provide the beautiful dandelion display shown above.
- Full Sphere fountain jets with 16mm diameter arms, range from spheres with 26 arms up to 500 arms – refer to NCA's 9 series jet on page 2.
- Full Sphere fountain jets with 28mm diameter arms, range from spheres with 125 arms up to 499 arms – refer to NCA's 10 series jet on page 2.
- Semi Sphere fountain jets with 168mm diameter arms, range from spheres with 21 arms up to 469 arms – refer to NCA's 11 series jet on page 2.
- Large Sphere sizes can be manufactured – refer to NCA Technical Data Sheet 8 Series.
- All sphere fountains' spray arms have a solid disc spray head, spherical arranged with small nozzle orifices, which fit against curved striker plates and thus require 100% filtered water to maintain display.
- The sphere's fine spray provides a cooling effect and can be used for cooling a building air conditioning system.
- The fine spray is sensitive to air movement and the greater number of arms per sphere ensures less pressure per arm to fill the surrounding space and is thus less affected by wind.
- All sphere fountains (Dandelion, Kugelorb) faithfully follow the design of the originator, architect Robert Woodward, which includes a short diameter tube around each arm, for a short distance from the hub, to provide a dense centre display.

Sphere Fountain with 16mm Diameter arms – 9 Series

Model	No of Arms	Overall Sphere Diameter (mm)	Hub Diameter (mm)	Inlet thread size (inches BSPF)	Flow (Litres per minute)	Pressure at intake (M)
9-PA-40	26	900	150	2 (50mm)	260	2.5
9-PB-50	29	1000	200	2 (50mm)	290	3.0
9-PC-50	29	1100	200	2 (50mm)	290	3.5
9-PD-50	61	1500	200	2 (50mm)	610	4.0
9-PF-50	61	1800	250	2 (50mm)	610	5.8
9-PG-65	61	900	250	2 ½ (65mm)	610	5.8
9-PH-65	61	1200	250	2 ½ (65mm)	610	6.0
9-PI-65	61	1800	250	2 ½ (65mm)	610	6.0
9-PJ-100	125	1800	250	4 (100mm)	1250	6.0
9-PK-100	139	2100	300	4 (100mm)	1390	6.0
9-PL-100	173	1400	300	4 (100mm)	1730	6.0
9-PM-100	199	2700	300	4 (100mm)	1990	6.0
9-PO-100	253	3000	500	4 (100mm)	2530	6.5
9-PR-100	389	3000	500	4 (100mm)	3890	6.5
9-PS-150	480	4000	500	6 (150mm)	5000	9.8

Sphere Fountain with 28 mm Diameter arms – 10 Series

Model	No of Arms	Overall Sphere Diameter (mm)	Hub Diameter (mm)	Inlet thread size (inches BSPF)	Flow (Litres per minute)	Pressure at intake (M)
10-QA-150	125	1800	500	6 (150mm)	1875	3.6
10-QB-150	141	2100	500	6 (150mm)	2115	4.2
10-QC-150	173	2440	500	6 (150mm)	2595	4.7
10-QD-150	190	2750	500	6 (150mm)	2850	5.0
10-QF-150	390	3000	500	6 (150mm)	5850	5.8
10-QG-150	418	5000	500	6 (150mm)	6270	7.3
10-QH-150	469	6000	500	6 (150mm)	7035	9.8

Semi Sphere Fountain with 16mm Diameter arms – 11 Series

Model	No of Arms	Overall Sphere Diameter (mm)	Hub Diameter (mm)	Inlet thread size (inches BSPF)	Flow (Litres per minute)	Pressure at intake (M)
11-LA-50	21	900	200	2 (50mm)	210	2.6
11-LB-50	21	1200	200	2 (50mm)	210	3.0
11-LC-50	33	1500	200	2 (50mm)	330	4.0
11-LD-65	61	1800	200	2 ½ (65mm)	610	4.5
11-LF-65	61	2100	200	2 ½ (65mm)	610	4.5
11-LG-100	85	2400	300	4 (100mm)	850	5.5
11-LH-100	93	2750	300	4 (100mm)	930	6.5
11-LI-100	125	3000	500	4" Flange	1250	6.5
11-LJ-150	201	4500*	500	6" Flange	3200	7.7
11-LM-150	220	5000*	500	6" Flange	3300	8.2
11-LN-150	229	6000*	500	6" Flange	3500	10.2

* Sphere fitted with 28 mm diameter arms