



# Technical Data Sheet

**Product: Water Column Jets**  
**Product Code: 29 Series**

- NCA's currently offers two models of Water Column jets that create virtual solid columnar displays up to 6 and 18 metres in height.
- NCA recommend their range of adjustable flanges be employed with any installation to ensure the resultant display is vertical – refer to NCA Technical Data Sheets on Adjustable flanges.
- NCA's range of Wind Sensors can be employed should wind driven spray impacts on the surrounding area – refer to NCA Technical Data Sheet on Wind Sensors.

## 250mm Water Column Jet, model 29-03-100



- This model produces a 250mm (10") column of 57 streams forming a virtual columnar effect. It's designed to provide a display 1 to 6 metres (3ft to 20ft) high. Above 4 metres the column can have a softener appearance.
- Recommended suction screen aperture 3mm.
- Performance

Display height (metres [M])	1.0	2.0	3.0	4.0	5.0	6.0
Flow (litres per minute [lpm])	570	740	950	1100	1310	1430
Head (M)	1.7	3.5	4.5	5.7	7.2	8.5

- Physical dimensions: Overall height 175mm, Chamber diameter 302mm, inlet 4" bspf.

## 300mm Water Column Jet, model 29-05-150



- This model produces a 300mm (12") column of 35 streams which can produce a display up to 18 metres (60ft). Above 12 metres spray height the streams form a candle shape.
- Recommended suction screen aperture 5mm.
- Performance:

Display Height (M)	4	5	6	7	8	9	10	12	15	18
Flow (lpm)	1270	1470	1600	1800	1890	2010	2140	2390	2690	2990
Head (M)	6.5	8.0	9.0	11	12	13.5	14.5	17.5	22	26.5

- Physical dimensions: Overall height 290mm, Chamber diameter 463mm, inlet 6" bspf.