

# DAN Opal

Discontinued



The DAN Opal is a plastic sprinkler for orchard and strawberry cultivation. The DAN-Opal is also suitable for use in roof irrigation. The droplet size prevents compaction of the soil, but also drift (movement of droplets by air currents). The DAN Opal has a silicone-braked rotor contained in a double bridge.

## APPLICATION

Outdoor and roof irrigation, "under-tree" irrigation, frost mitigation

## CHARACTERISTICS

- ✓ Double bridge that offers protection against blockages from the outside
- ✓ Silicone-braked rotor prevents excessive wear and improves the droplet size
- ✓ Uniform distribution at low pressure
- ✓ Three spray angles: 9°, 15° and 24° to be able to spray under crops, but also to achieve a large range
- ✓ Installation 'upright' on an agriconnector or a ½" female thread

## TECHNICAL DATA

Flow rate	: see table
Range	: see table
Rec. working pressure	: 2.0 – 3.5 bar (with increasing flow rate)
Working pressure	: 1.5 – 3.5 bar (with increasing flow rate)
Filtration	: 300 micron : 200 micron with automatic filters
Connection	: ½" BSP male, ¾" BSP male

## INSTALLATION & MAINTENANCE

### Installation

- ✓ For installation recommendations, see table for roof irrigation.
- ✓ Flush the installation well before putting into operation.
- ✓ When using this sprinkler in combination with PE lines, no wetting agents or soap can be used.

### Maintenance

- ✓ For cleaning of the sprinklers, please refer to information sheet "Installation and maintenance of sprinkler system", section: Cleaning instructions.
- ✓ Check at regular intervals whether the sprinklers are set to the correct working pressure.

## Selection table

Version		Purple 15°			Orange 15°			Brown 24°		
Nozzle colour and diameter	mm	Grey 1,6	White 1,8	Blue 2,0	Orange 2,2	Purple 2,4	Yellow 2,6	Orange 2,2	Purple 2,4	Yellow 2,6
Pressure (bar)		(l/h)	(l/h)	(l/h)	(l/h)	(l/h)	(l/h)	(l/u)	(l/h)	(l/h)
1,5	bar	125	155	190	230	270	320	230	270	320
2,0	bar	150	180	215	265	315	370	265	315	370
2,5	bar	165	200	245	295	350	415	295	350	415
3,0	bar	180	220	265	325	380	455	325	380	455
3,5	bar	195	235	285	350	415	490	350	415	490
Max. spray height	cm	150-160	150-160	150-160	135-145	135-145	135-145	175-185	175-185	175-185
Diameter	m	14,2 - 14,6	14,2 - 14,6	14,2 - 14,6	16,8 - 17,2	16,8 - 17,2	16,8 - 17,2	16,2 - 17,2	16,2 - 17,2	16,2 - 17,2

The table provides an overview of the diameters of the DAN Opal with different deflectors at a height of 50 cm.