

DAN-Super-10



The DAN-Super-10 is a plastic sprinkler with a medium range for outdoor irrigation and frost mitigation. It is a ball-driven sprinkler with split nozzles that ensure a high uniformity, both close to and further from the sprinkler. The Super-10 is very suitable for the irrigation of larger surfaces (e.g. for full-width vegetables, flowers or nursery products).

The droplet size prevents compaction of the soil, but also drift (movement of droplets by air currents). The DAN-Super-10 is also available as a pressure-regulated sprinkler, thus making larger lengths and/or thinner supply lines possible. A special 180° version is available for edges in outdoor irrigation and on roofs: DAN-Super-10 with road protector. The DAN-Super-10 has a ½" male thread and is installed 'upright' on an agriconnector or ½" female thread.

APPLICATION

Outdoor and roof irrigation, frost mitigation and dust control

CHARACTERISTICS

- ✓ Ball-driven sprinkler
- ✓ Large diameter
- ✓ Uniform distribution over short and long distances
- ✓ Installation 'upright' on an agriconnector or a ½" female thread

Flow rate (l/h) vs. pressure (bar)

Version		Standard (25°)				
Nozzle colour		Brown	Blue	Yellow	Green	Red
Pressure (bar)		(l/h)	(l/h)	(l/h)	(l/h)	(l/h)
2,5	bar	320	360	450	550	670
3,0	bar	350	395	495	600	735
3,5	bar	375	425	530	650	795
4,0	bar	405	455	570	695	850
3,0 - 5,0	bar**	-	360	450	550	660
Max. spray height	m	1,5	1,5	1,5	1,8	1,8
Diameter	m	19	17	20	20	20,5

* Brown: special version for use with 180° road protector ** Pressure compensated

TECHNICAL DATA

Flow rate	: see table
Range	: see table
Rec. working pressure	: 2.5 bar, not pressure-compensated
Working pressure	: 2.5 - 3.5 bar, non pressure compensated (with increasing flow rate) : 3 - 5 bar, pressure-compensated
Filtration	: 300 micron : 200 micron with automatic filters
Connection	: ½" BSP male
Option	: pressure-compensated (grey lower housing) : road protector in 320 l/h version (for 180° use)

INSTALLATION & MAINTENANCE

Installation

- ✓ For installation recommendations, see the tables on outdoor and frost mitigation.
- ✓ Along the edges, a road protector can be used in conjunction with a 320 l/h sprinkler (brown).
- ✓ Flush the installation well before putting into operation.

Maintenance

- ✓ For cleaning of the sprinklers, please refer to section "Installation and maintenance of sprinkler system", Cleaning instructions.
- ✓ Check at regular intervals whether the irrigation system is set to the correct working pressure.
- ✓ When there is a risk of frost, we recommend draining the system in order to avoid damage.