



## VIBRONET™ SD

### VIBRATING MICRO EMITTER

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#### APPLICATIONS

Orchards, deciduous and tree crops irrigation.

#### SPECIFICATIONS

- Bridgeless micro emitter with vibrating action.
- Micro-emitter, 3 different flow rates: 30, 50, 70 l/h.
- Nominal flow rates at 1.5 bar pressure.
- Recommended working pressure: 1.0 - 2.0 bar.
- Recommended filtration: 130 micron / 120 mesh.  
Filtration method is to be selected based on the kind and concentration of the dirt particles existing in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclon filter is to be installed before the main filter. When sand / silt / clay solids exceed 100ppm, pre treatment will be applied according to Netafim™ expert team's instructions.
- Inlet connector: press fit.

#### FEATURES AND BENEFITS

- Excellent uniformity distribution as a single emitter.
- Operation of this emitter is based on vibration. Water passage through the nozzle causes needle vibration which in turn breaks up the water jet into uniform droplets that are evenly spread.
- Large drops suitable for open field conditions. No mist / wind-borne small drops.
- Relatively small wetting diameter, suits especially densely planted fruit tree crops.
- Constantly self-cleaning, the vibrating system does not allow for build up of mineral deposits in the nozzle.
- Micro-emitter made of plastic materials resistant to all agrochemicals & weather conditions.



## PERFORMANCE DATA

MODEL	FLOW RATE (L/H.)*	NOZZLE CODE COLOR	PIN CODE COLOR	NOZZLE WATER PASSAGES AREA (MM <sup>2</sup> .)	NOZZLE SMALLER WATER PASSAGES (MM.)	CONSTANT K	EXPONENT X	WETTED DIAMETER(M.) 20 CM. ABOVE GROUND*
30	28.6	Green + Sky blue	Light gray	0.7	0.34	6.6	0.54	1.5
50	50.5	Green + Light gray	Orange	1.9	0.68	11.7	0.54	1.7
70	72.9	Black + Black	Orange	3.0	0.99	16.9	0.54	2.0

\* at 1.5 bar working pressure

## PACKAGING DATA

VIBRONET™ SD	QUANTITY P/BOX UNITS	BOX SIZE (CM. X CM. X CM.)	BOX WEIGHT (KG.)	BOXES P/PALLET	TOTAL UNITS P/PALLET	PALLET WEIGHT (KG.)
Head only	3200	28X28X57	18.0	32	96000	576
Complete stand , 60 cm. w/stake	150	18x34x79	11.6	20	3000	232
Complete stand , 60 cm. w/ostake	250	18x34x80	13.0	20	5000	260
Complete stand , 90 cm. w/stake	150	26x28x112	11.0	16	2400	176
Complete stand , 90 cm. w/ostake	250	26x28x112	12.0	16	4000	192

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Flowchart to determine the desired product definition

How to use: To determine the desired product definition select one of every set of options displayed on the chart.

