

VibroNet™ SD

Static micro-emitter for under tree irrigation with small root volumes. In the VibroNet SD the water passage through the nozzle causes needle vibration which in turn breaks up the water jet into uniform droplets that are evenly spread.



Self-cleaning mechanism



High crop uniformity



Long-lasting performance

Applications



Under tree irrigation as single head

/ Benefits & Features

- **Constantly self-cleaning** Self-cleaning "vibration" mechanism prevents build-up of mineral deposits in the nozzle, saving time-consuming maintenance
- **Ensures higher crop uniformity** Smart "vibration" technology in the nozzle creates a uniform distribution of relatively large sized water droplets without mist
Relatively small wetting diameter, suits especially densely planted fruit tree crops
- **Long-lasting performance** Micro-emitter made of plastic materials resistant to all agrochemicals & weather conditions

/ Specifications & Recommendations

- ✓ 3 different flow rates: 30, 50, 70l/h
- ✓ Nominal flow rate at: 1.5bar
- ✓ Recommended pressure range: 1.5-2.5bar
1 type of inlet connector: Press fit
The nozzle is color coded for easy identification of the flow rate
- ✓ Recommended filtration*: 130micron / 120mesh

*Note: Filtration method shall be selected based on the type and concentration of the dirt particles contained in the water. Wherever sand exceeding 2ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100ppm, pre-treatment shall be applied according to Netafim™ instructions

→ **Technical Data**

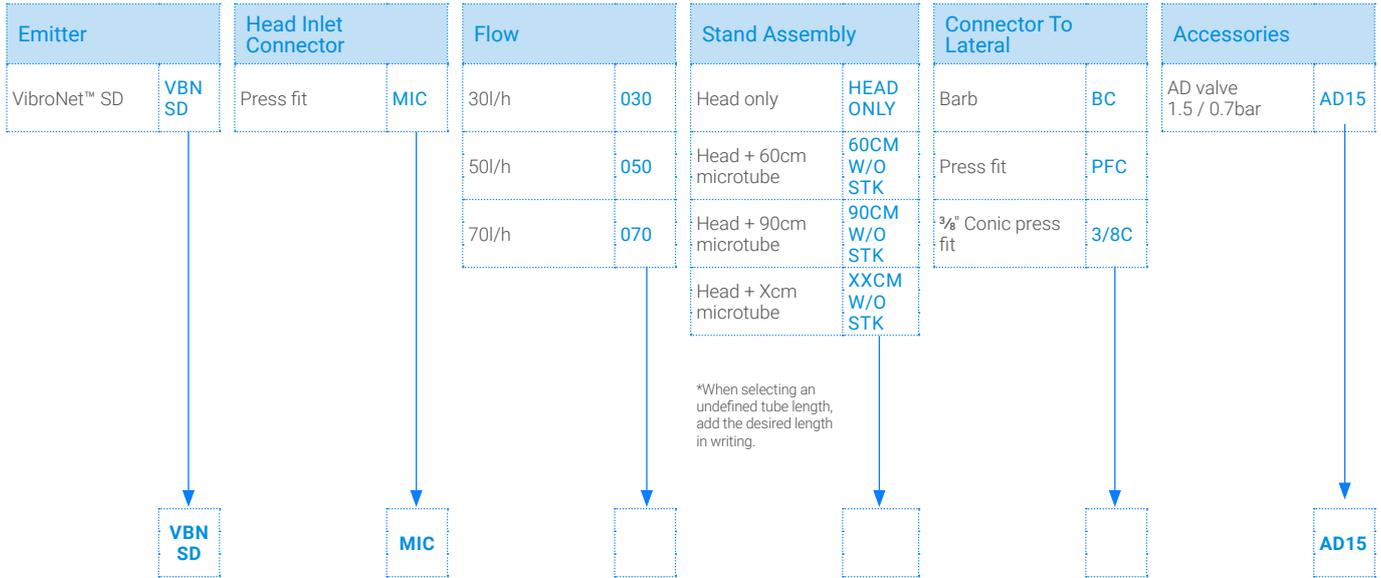
Model	Flow Rate (l/h)*	Nozzle Code Color		Pin Code Color		Nozzle Water Passages Area (mm ²)	Nozzle Smaller Water Passages (mm)	Constant K	Exponent X	Wetted Diameter 20cm Above Ground* (m)
30	28.6	Green	+	Sky blue	Light grey	0.7	0.34	6.6	0.54	1.5
50	50.5	Green	+	Light grey	Orange	1.9	0.68	11.7	0.54	1.7
70	72.9	Black	+	Black	Orange	3.0	0.99	16.9	0.54	2.0

* at 1.5bar working pressure

→ **Ordering Information**

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.



→ **Packaging Data**

VibroBet™ 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	28 x 28 x 57	19.2	32	102400	614

→ **VibroNet™ SD Head Only (With Male Inlet Connector)**

Model	Catalog Number
030	64300-010000
050	64300-011000
070	64300-012000

VibroNet™ SD assembly stand (sample)

VBN SD 70L/H 60CM W/STAKE CLIP BC 64300-012100

VBN SD 50L/H 60CM W/STAKE CLIP BC 64300-011500