

# 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

## Specs. & Recommendations

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

**\*Note:** Filtration method shall be selected based on the type and concentration of the dirt particles contained in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100 ppm, 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 <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 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 1.5 bar working pressure

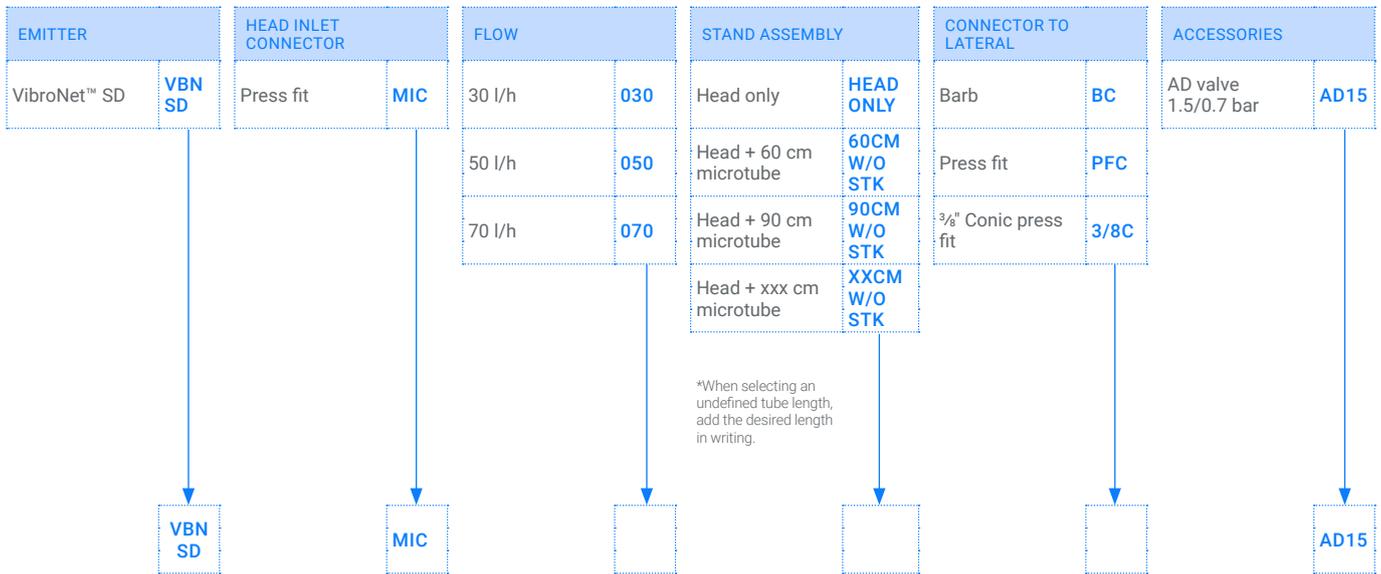
→ PACKAGING DATA

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	28 X 28 X 57	19.2	32	102400	614

→ 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.



→ VibroNet™ SD HEAD ONLY (WITH MALE INLET CONNECTOR)

MODEL	
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