

HADAR 7110



For irrigation, propagation and micro-climate

APPLICATIONS

- Horticulture and viticulture
- Orchards
- Greenhouses and nurseries
- Landscapes

STRUCTURE AND FEATURES

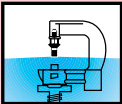
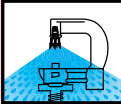
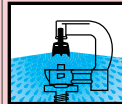
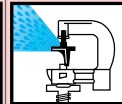
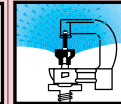
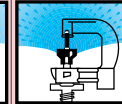
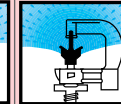
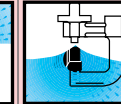
- Bayonet coupling
- Modular construction for simple use and modification
- Wide range of wetted patterns with 9 different inserts
- 11 color-coded nozzles with flow rates from 23-333 l/h
- Excellent water distribution
- Leakage Prevention Device (LPD)



TECHNICAL DATA

- Recommended working pressure: 1.5-3.0 bar
- Wetted diameter: 1.7-11.0 m
- Filtration requirements:
 - 130 micron (120 mesh) for nozzles 0.8-1.2 mm
 - 200 micron (80 mesh) for nozzle 1.3 mm and more

WETTED DIAMETER (m) AT 2.0 BAR

| Nozzle size (mm) | Nozzle color | Flow rate (l/h) |  |  |  |  |  |  |  |  |
|------------------|--------------|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| | | | Mist sprayer | Small sprayer | Extra-range and insect-resistant sprayer | Half-circle (180°) sprayer | Mini-range rotor 40L | Medium-range rotor | Extra-range rotor | Inverted rotor* |
| 0.8 | Black | 33 | 2.0 | 2.2 | | | | | | |
| 0.9 | Grey | 41 | 2.1 | 2.3 | 2.4 | | 6.0 | | | |
| 1.0 | Purple | 50 | 2.3 | 2.4 | 3.0 | | | 6.6 | | 8.4 |
| 1.1 | Red | 61 | 2.4 | 2.6 | 3.2 | | | 7.0 | | 8.5 |
| 1.2 | Orange | 75 | 2.6 | 2.8 | 3.6 | | | 7.5 | | 9.0 |
| 1.3 | Green | 87 | 3.0 | 2.9 | 3.6 | 3.0 | | 8.5 | | 9.5 |
| 1.4 | Blue | 103 | 3.3 | 3.1 | 3.6 | 3.1 | | | 9.4 | 10.0 |
| 1.6 | Yellow | 128 | 3.6 | 3.0 | 3.7 | 3.3 | | | 9.6 | 10.2 |
| 1.8 | Bright Green | 166 | 4.1 | 3.0 | 3.8 | 3.4 | | | 10.2 | 10.6 |
| 2.0 | White | 199 | 4.4 | 3.2 | 3.9 | 3.5 | | | 10.4 | 11.0 |
| 2.3 | Brown | 265 | 5.4 | | 4.2 | 3.7 | | | 10.6 | |

*Tested under laboratory conditions at 2.0 above ground

7110
Inverted rotor with LPD

7110 mist sprayer
4.0 mm inserted base



PERFORMANCE TABLE 7110 INVERTED ROTOR AT 2 BAR PRESSURE

| Nozzle (mm) | Nozzle color | Flow rate (l/h) | Diameter (m) | Precipitation (mm/h) Spacing (m) | | | | | | | | | | | | |
|-------------|--------------|-----------------|--------------|----------------------------------|------|------|------|------|-----|-----|-----|-----|--|--|--|--|
| | | | | 3x3 | 3x4 | 3x5 | 4x4 | 4x5 | 4x6 | 5x5 | 5x6 | 6x6 | | | | |
| 1.3 | Green | 87 | 9.5 | 9.7 | 7.3 | 5.8 | 5.4 | 4.4 | | | 3.5 | | | | | |
| 1.4 | Blue | 103 | 10.0 | 11.4 | 8.6 | 6.9 | 6.4 | 5.2 | | | | | | | | |
| 1.6 | Yellow | 128 | 10.2 | 14.2 | 10.7 | 8.5 | 8.0 | 6.4 | 5.3 | 5.1 | 4.3 | 3.6 | | | | |
| 1.8 | Bright Green | 166 | 10.6 | 18.7 | 14.0 | 11.2 | 10.5 | 8.4 | 7.0 | 6.7 | 5.6 | 4.7 | | | | |
| 2.0 | White | 199 | 11.0 | 22.1 | 16.6 | 13.3 | 12.4 | 10.0 | 8.3 | 8.0 | 6.6 | 5.5 | | | | |

*Tested under laboratory conditions at 2.0 above ground

| Color code distribution uniformity | CU>92% | CU=89-92% | CU=85-88% | CU<85% |
|------------------------------------|--------|-----------|-----------|--------|
| | | | | |

MIST SPRAYER FOR PROPAGATION

- Spacing on line: 1.0 m
- Spacing between laterals: two laterals for 1.4-1.6 m table width
single lateral for 1.2 m table width
- Recommended working pressure: 2.5-4.0 bar

