

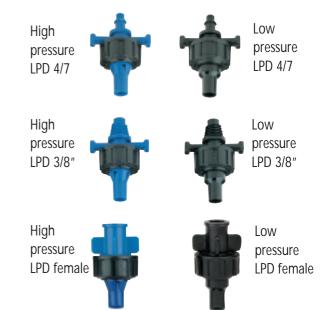
Leakage Prevention Device

LPD is a rubber valve which closes the outlet to the emitters

• Prevents drainage through emitters

LPD

- Keeps system filled with water under pressure, enabling immediate start-up
- Allows all units to start/stop simultaneously
- Stops leakage from the emitter when the system reaches closure
 pressure





LPD for Hadar 7110





LPD with 3/8"W or 1/2" adaptor

Leakage Prevention Device

Main Features

- Modular: Fits NaanDan micro-sprinklers
- Minimal pressure loss even with high flow rates
- One-stage opening: LPD is either completely opened or completely closed
- · Easy to dismantle for cleaning and maintenance
- PE and PVC connections

Two types of LPD are available:

- Black: Low pressure LPD for micro-sprinklers
- Blue: High pressure LPD for Foggers

LPD for 7110 Hadar

Maximum working pressure: 5.0 bar Head loss: 5.0 m at 160 l/h

Pressure loss						
Low (Inlet p	Low pressure LPD (Inlet pressure 20 m)		High pressure LPD (Inlet pressure 40 m)			
Flow rate I/h	Pressure loss m	Flow rate I/h	Pressure loss m			
100	0	60	0			
120	0.5	80	0.5			
140	0.5	100	1.0			
160	1.0	120	1.0			
180	1.0					
200	1.5					
220	1.5					

Minimal operating pressure (bar)

	Low pressure LPD	High pressure LPD*	7110
Opening	~2.0	~4.0	1.3
Closure	~1.0	~2.0	0.9

Examples of application:



Modular inverted swivel Green nozzle (104 l/h) Low pressure LPD 3/8"



Modular mist spreader Gray nozzle (70 l/h) Low pressure female LPD on head 1/2"



Hadar 7110 mist sprayer Inverted + LPD



2 Foggers on T High pressure LPD 3/8"