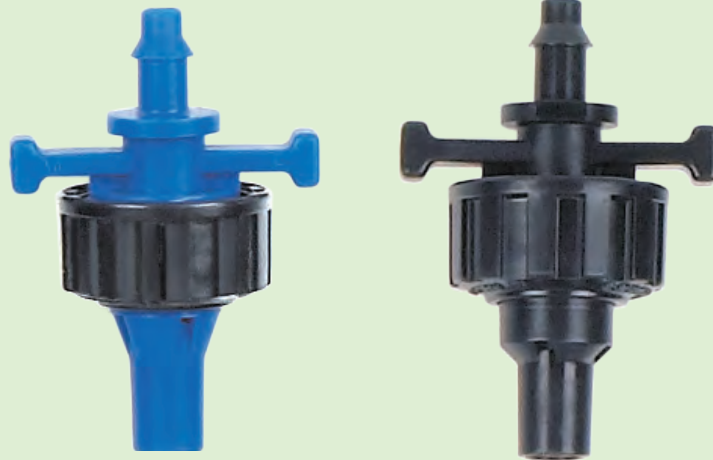


LPD



Features & Benefits



One-Stage Opening LPD
One-stage opening-Super LPD is either completely opened or completely closed



Multiple Attachment Options
Multiple attachment options like Snap fit, threaded, bayonet & barbed for connection



Color Codes for Identification
Color codes are available for identification of High Pressure (Blue), Medium Pressure & Low Pressure (Green) LPDS.



Innovative Rubber Diaphragm Design
LPD is a rubber valve which closes the outlet immediately when system is at below specified pressure.

LPD

Additional Features

- Prevents drainage through emitters
- High and low opening and closing pressure
- Keeps system filled with water under pressure, enabling immediate start-up
- Allows all units to start-up or shut-down simultaneously
- Modular-fits all NaanDanJain micro-sprinklers
- Tapered or bayonet connection (bayonet available only with black low-pressure LPD)
- Minimal pressure loss, even with high flow rates
- One-stage opening-Super LPD is either completely opened or completely closed
- Easily dismantled for cleaning and maintenance
- PE and PVC connections
- Three types of Super LPD are available:
 - **Black:** Low-pressure Super LPD for micro-sprinklers
 - **Green:** Medium-pressure Super LPD for foggers
 - **Blue:** High-pressure Super LPD for foggers

Pressure loss across the LPD

Low pressure LPD (Inlet pressure 20 m)		High pressure LPD (Inlet pressure 40 m)	
Flow rate (lph)	Pressure loss (m)	Flow rate (lph)	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 (kg/cm²)

	Low pressure LPD	High pressure LPD
Opening	~2.0	~3.5
Closure	~1.0	~2.0

Ordering Specifications

XXXXXX
790008 - LPD Female Black 790038 - LPD M-11 Black 790028 - LPD barbed Black 790048 - LPD 3/8" Black
790003 - LPD Female Blue 790033 - LPD M-11 Blue 790023 - LPD barbed Blue 790043 - LPD 3/8" Blue

LPD Assembly

