

Super LPD



Super LPD is the latest Leakage Prevention Device for use for the greenhouse micro sprinklers. The Super LPD allows micro sprinklers to start-up and shut-down simultaneously. Its check valve function eliminates water damage by preventing leaks after the system shut-down. Available in High and Low pressure models. Made of three parts for simple maintenance.

Product Features

- Prevents drainage through emission devices while system is under pressure
- Maintains system pressure, enabling immediate start-up
- All units start-up and/or shut-down simultaneously
- Available for high pressure (Blue) & low pressure (Black) applications
- Modular – fits all NaanDanJain micro-sprinklers (including the competition)
- Three inlet connection types: barb 4/7 (PE), female, 3/8" thread (PVC)
- Two outlet connection types: female, bayonet (Hadar 7110, Green Spin)
- One-stage opening: Super LPD is either completely opened or closed
- Easily dismantled for cleaning and maintenance
- Recommended filtration 120 mesh
- Clog resistant due to wide water passages
- Low pressure loss due to wide water passages
- Easily retrofits existing micro-sprinkler systems
- Manufactured from durable plastic for long term operations

Applications

- Greenhouse, hoop house, barns and stalls, etc.
- Use with micro-sprinklers: Green Spin, Dan Modular, Hadar 7110, Green Mist, and Foggers (including competition)
- Organic or conventional fields
- Where uniform application of irrigation water is desired



Super LPD Technical Data

Performance Table Operating Pressure (psi)

Product	Low-Pressure LPD	High-Pressure LPD
Opening	20.0	58.0
Closing	9.0	35.0

- Available in 2 models
 Black: Low pressure for micro-sprinklers
 Blue: High pressure for foggers
- Recommended working pressure: 20 to 60 psi
- Required filtration: 120 mesh

Models

Model #	Part #	Description
LPD-LP-FM-MA	11990308	Low- pressure female (black)
LPD-LP-BB-MA	11990328	Low- pressure, 4/7" (black)
LPD-LP-38-MA	11990348	Low- pressure, 3/8" (black)
LPD-LP-BB-BY	11990228	Low- pressure, 4/7" x bayonet (black)
LPD-LP-BY-BY	11990258	Low-pressure, bayonet x bayonet (black)
LPD-HP-FM-MA	11990303	High- pressure, female (blue)
LPD-HP-BB-MA	11990323	High- pressure, 4/7" (blue)
LPD-HP-38-MA	11990343	High- pressure, 3/8" (blue)
RLPD-LP-MA-FM	11990488	Low- pressure, retrofit male x retrofit female
RLPD-LP-BB-FM	11990428	Low- pressure, 4/7" x retrofit female
RLPD-LP-38-FM	11990448	Low- pressure, 3/8" x retrofit female
RLPD-LP-MA-MA	11990388	Low-pressure, retrofit male x taper male
RLPD-LP-MA-BY	11990288	Low-pressure, retrofit male x bayonet
RLPD-HP-MA-FM	11990483	High- pressure, retrofit male x retrofit female
RLPD-HP-BB-FM	11990423	High- pressure, 4/7" x retrofit female
RLPD-HP-38-FM	11990443	High- pressure, 3/8" x retrofit female

Retrofit Super LPD Connections

Connection		Outlet					
		Female		Bayonet		Male	
		LP	HP	LP	HP	LP	HP
Inlet	Male	X	X	X		X	
	Barb	X	X				
	3/8" taper	X	X				

Super LPD Connections

Connection		Outlet			
		Male		Bayonet	
		LP	HP	LP	HP
Inlet	Female	X	X		
	Barb	X	X	X	
	3/8" taper	X	X		
	Bayonet			X	

