

Pressure Compensated Cylindrical Dripline

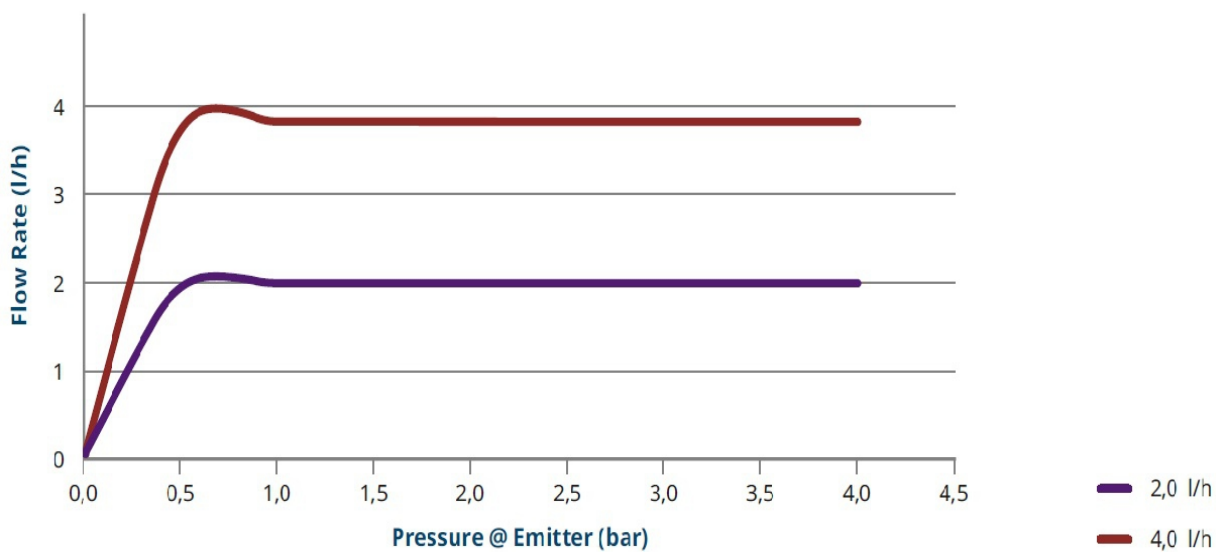
Salient Features

- ◆ Consistent flow rate over a range of pressure.
- ◆ Paragon PC dripper incorporates a silicone membrane, enabling precise delivery of water over a broad pressure range.
- ◆ Tailored for precision irrigation requirements, challenging rocky terrains, and sloped topography.
- ◆ The anti-siphon system in the emitter is a specially designed mechanism to prevent the suction of dirt and impurities into the emitter during operation, making it ideal for sub-surface irrigation installations.
- ◆ Suitable for all kinds of crops on slopes, for subsurface drip system and pulse irrigation in greenhouses.
- ◆ Working Pressure Range: 0.5 to 3.5 bars.
- ◆ Sealing Pressure : 0.2 bar & opening pressure: 0.3 bars.
- ◆ Dripline Diameter : 16 mm | 0.550"
- ◆ Wall Thickness : 0.9 mm (35 mil) to 1.1 mm (45 mil)
- ◆ Discharge : 2 and 4 LPH | 0.52" and 1.0" GPH
- ◆ Available in Drain, Non-Drain & Anti-Syphon options.

Technical Specifications

Nominal Flow Rate LPH (GPH)	Constant K Bar (PSI)	Exponent (x)	Coefficient of Variation CV (%)	Min. Pressure (Bar)	Max. Pressure (Bar)	Recommended Filtration (Mesh/Micron)
2 (0.52)	2 (28.44)	0	3.1	0.5	4	120/125
4 (1.05)	3.8 (54.03)	0	2.5	0.5	4	120/125

LIBRA Emitter Flow Curves



LIBRA MAXIMUM EXTENDABLE LENGTH

Pipe Inner Diameter 13.7mm | Zero Slope | E.U. 90%

Dripline Size MM (Inch)	Discharge LPH (GPH)	Dripper Spacing (cm.)						
		20	30	40	50	60	75	100
16 mm (0.550")	2 (0.52)	62	88	112	136	158	189	236
	4 (1.05)	43	60	76	92	106	126	157
MAXIMUM RECOMMENDED DRIP-LINE LENGTH (METER) ON FLAT TERRAIN AT 1.5 Kg/CM2 (10% Variation)								

Dripline Size MM (Inch)	Discharge LPH (GPH)	Dripper Spacing (cm.)						
		20	30	40	50	60	75	100
16 mm (0.550")	2 (0.52)	70	100	129	157	181	217	271
	4 (1.05)	49	68	87	106	121	145	180
MAXIMUM RECOMMENDED DRIP-LINE LENGTH (METER) ON FLAT TERRAIN AT 2.0 Kg/CM2 (10% Variation)								

Dripline Size MM (Inch)	Discharge LPH (GPH)	Dripper Spacing (cm.)						
		20	30	40	50	60	75	100
16 mm (0.550")	2 (0.52)	90	129	166	201	233	278	349
	4 (1.05)	63	88	113	136	156	186	232
MAXIMUM RECOMMENDED DRIP-LINE LENGTH (METER) ON FLAT TERRAIN AT 3.5 Kg/CM2 (10% Variation)								

FITTINGS & SYSTEM COMPONENTS



AquaDisc Automatic Filter

Simple, compact & cost-effective fully automatic disc filter equipped with "FILTER SMART" controller to protect your irrigation system



Automatic Screen Filter

Efficient and durable Screen Filter, low pressure Compatible, Automatic/Manual Mode



Sand Media Filter

All-weather compatible corrosion-free, lightweight & durable sand media filter Automatic/Manual available



PP Ball Valve

High Quality, tough and U.V resistant ball valve 3/4 - 4' size available



Pressure Reducing Valve

High flow capacity, minimum pressure loss, rapid response and can be operated manually/electronically



Polyethylene Tubing

Manufactured using cutting-edge machinery for extended life



Multi-Station Controller

Powerful, programmable, economical, interactive multistation Drip controller



Fertilizer Injector

Self Operated through water pressure with in system Available in 3/4", 1", 1 1/2" & 2" Sizes



Air Valves

Continuous acting air release/ vacuum relief valve durable, weather resistant and non-corrosive.



Start Connector & End Cap

Connects Submain Pipes to Laterals. Used at the end of Driplines



Grommet

Take-off grommet for water tight shield from start connection



Coupler / Connector

Premium heavy duty connectors featuring up to 3 barb for strong grip

