

Pressure Compensated Flat Dripline

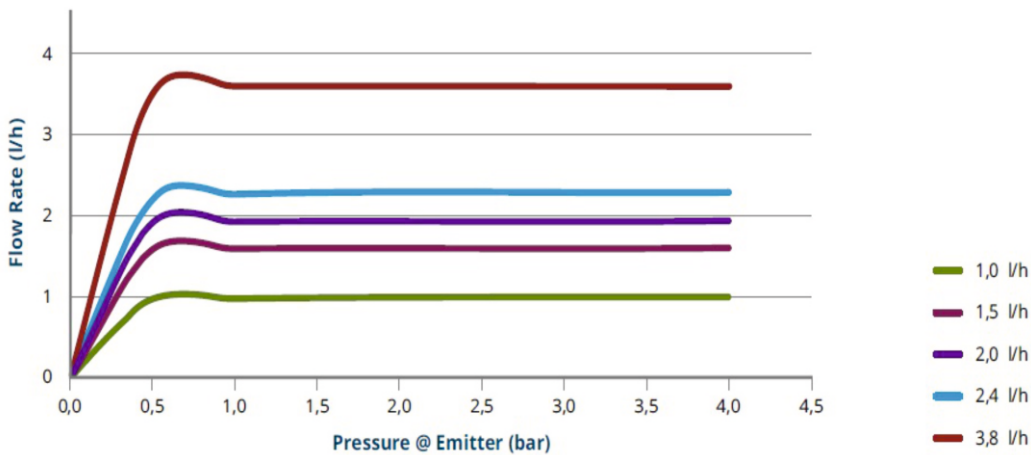
Salient Features

- ◆ Expanded inlet filters and wide water passages for clog resistance.
- ◆ Maintains a uniform flow rate across a wide range of pressures and topographies.
- ◆ Superior clog resistance design with a special labyrinth that ensures a strong turbulent flow of water.
- ◆ Self-flushing mechanism ensures non-clogging uninterrupted dripper operation.
- ◆ Made with cutting-edge equipment, our computerized quality control ensures precise emitter spacing and outlet punching for reliable and consistent performance.
- ◆ Streamlined emitter design minimizes friction loss, saving energy and ensuring precise and even discharge.
- ◆ UV-resistant and capable of withstanding common fertilizers/chemicals.
- ◆ Excellent emission uniformity and flow co-efficient.
- ◆ Available in drain, non-drain and anti-siphon types.
- ◆ Diameter : 16 mm (0.550") and 20 mm (0.710")
- ◆ Thickness range : 0.8 mm (32 mil) to 1.3 mm (51 mil)
- ◆ Pressure range : 0.5 to 3.5 bar.
- ◆ Discharge : 1.1 ,1.5 ,2.4 and 3.8 LPH | 0.3, 0.4, 0.63 and 1.0 GPH
- ◆ Suitable for: greenhouses, trees, sub-surface multi-seasonal crops, Precise irrigation.

Technical Specifications

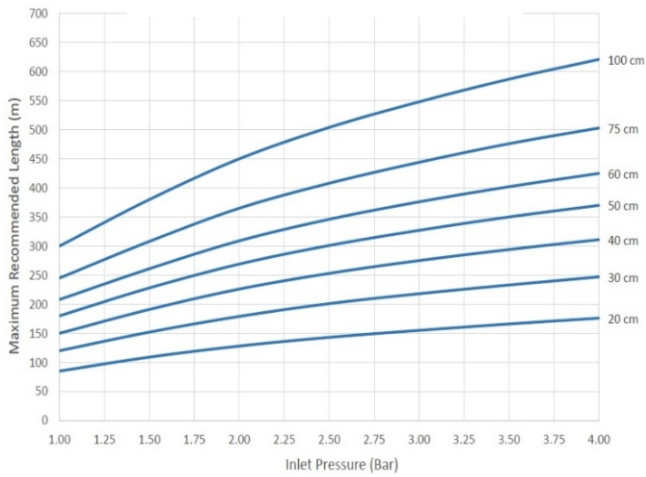
Nominal Flow Rate LPH (GPH)	Constant Pressure K Bar (PSI)	Exponent (x)	Coefficient of Variation CV (%)	Min. Pressure kg/cm2 (Bar)	Max. Pressure kg/cm2 (Bar)	Recommended Filtration (Mesh/Micron)
1.1 (0.29)	1 (14.22)	0	3.9	0.5	3.5	150/100
1.5 (0.39)	1.6 (22.75)	0	3.6	0.5	3.5	150/100
2.4 (0.63)	2.3 (32.70)	0	3.8	0.5	3.5	120/125
3.8 (1.00)	3.6 (51.19)	0	3.9	0.5	3.5	120/125

CAPRICORN Emitter Flow Curves

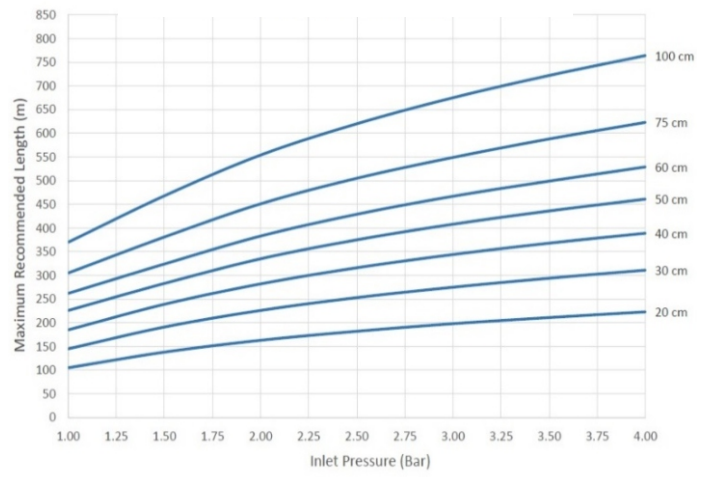


Maximum Lateral Length, CAPRICORN PC 1.1 LPH

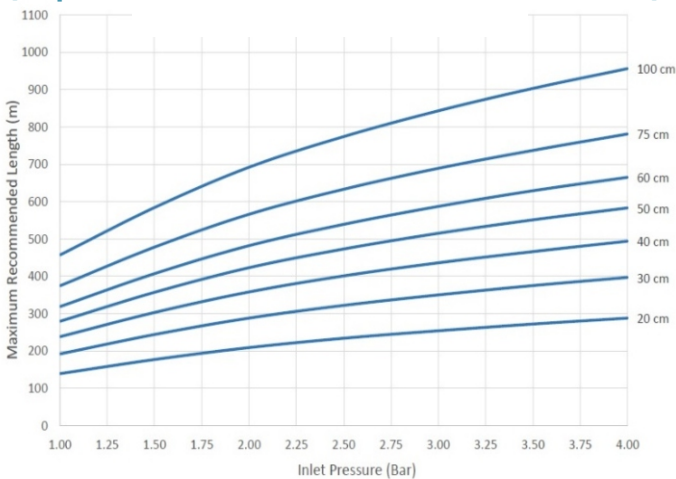
**CAPRICORN 1.1 LPH, I.D. 14.4 mm, Spacing 20-100 cm
 (Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)**



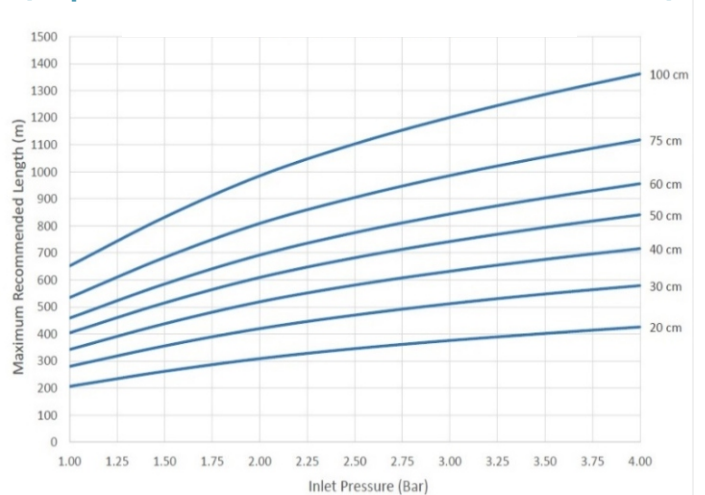
**CAPRICORN 1.1 LPH, I.D. 16.1 mm, Spacing 20-100 cm
 (Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)**



**CAPRICORN 1.1 LPH, I.D. 14.4 mm, Spacing 20-100 cm
 (Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)**

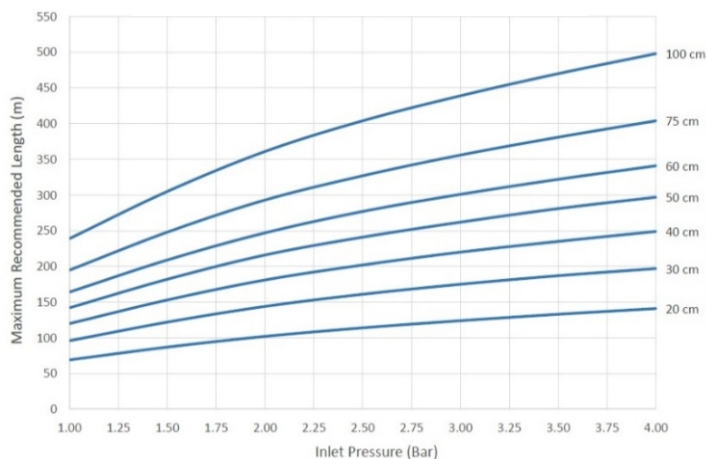


**CAPRICORN 1.1 LPH, I.D. 16.1 mm, Spacing 20-100 cm
 (Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)**

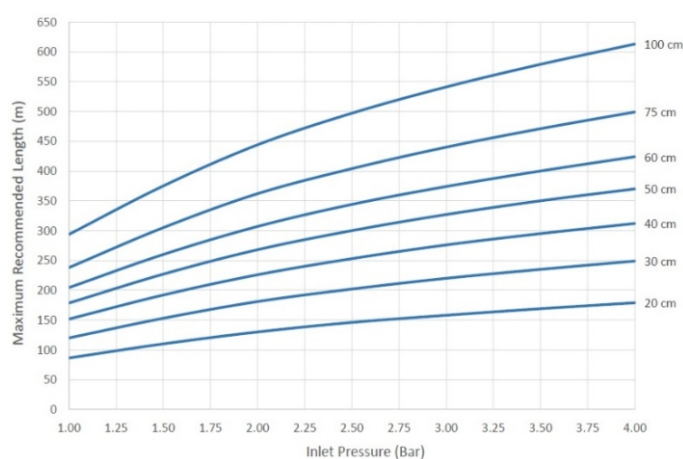


Maximum Lateral Length, CAPRICORN PC 1.5 LPH

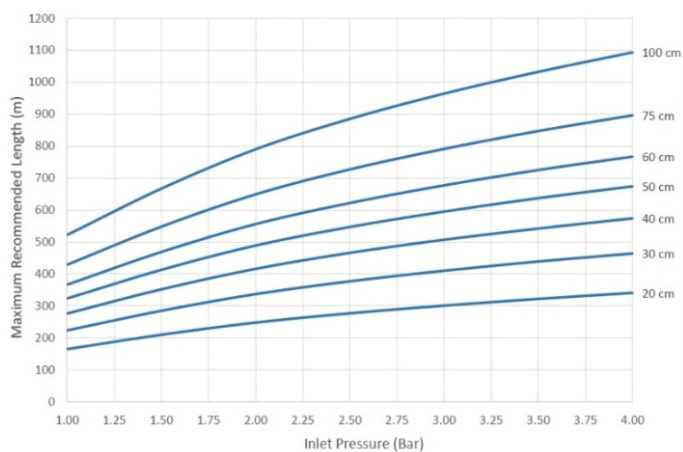
**CAPRICORN 1.5 LPH, I.D. 14.4 mm, Spacing 20-100 cm
 (Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)**



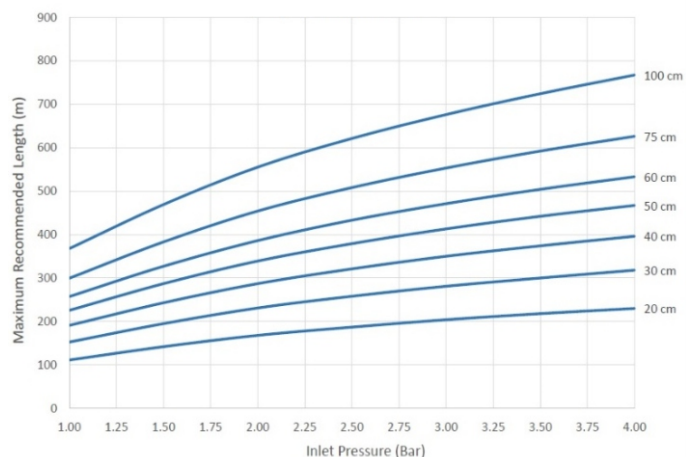
**CAPRICORN 1.5 LPH, I.D. 16.1 mm, Spacing 20-100 cm
 (Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)**



**CAPRICORN 1.5 LPH, I.D. 18.2 mm, Spacing 20-100 cm
 (Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)**

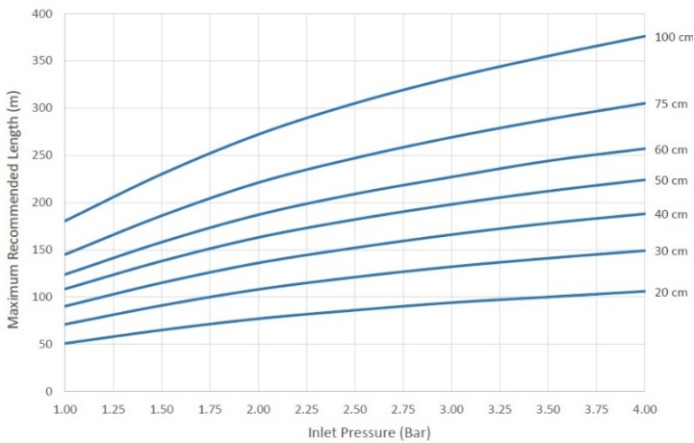


**CAPRICORN 1.5 LPH, I.D. 22.2 mm, Spacing 20-100 cm
 (Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)**

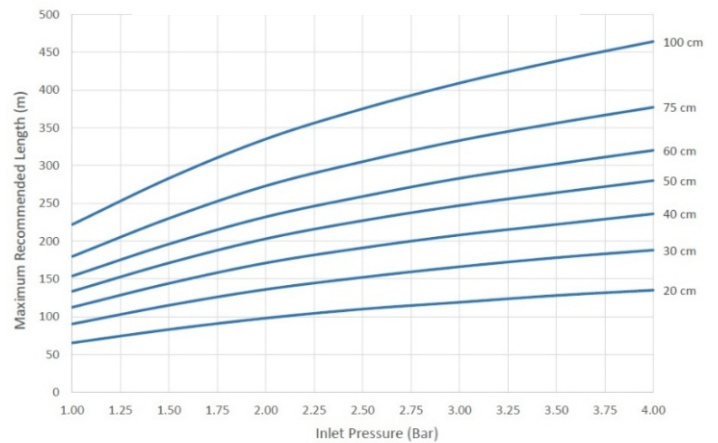


Maximum Lateral Length, CAPRICORN PC 2.4 LPH

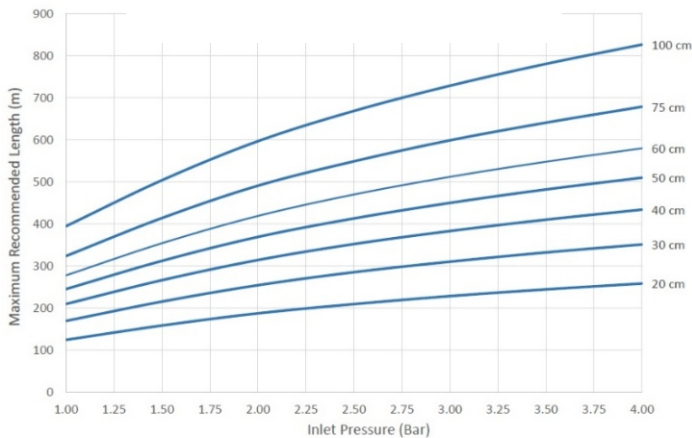
**CAPRICORN 2.3 LPH, I.D. 14.4 mm, Spacing 20-100 cm
 (Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)**



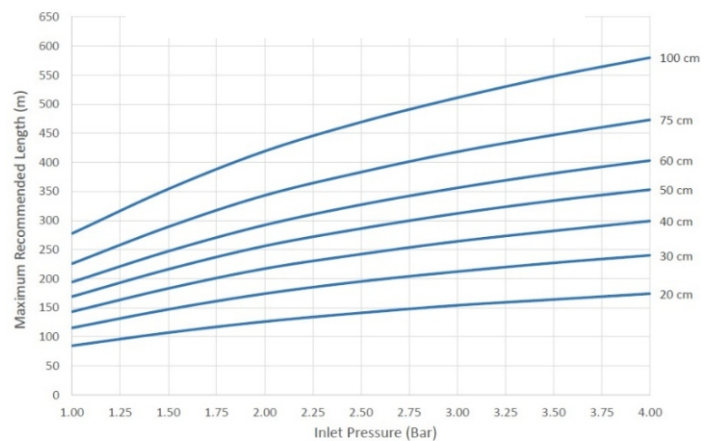
**CAPRICORN 2.3 LPH, I.D. 16.1 mm, Spacing 20-100 cm
 (Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)**



**CAPRICORN 2.3 LPH, I.D. 18.2 mm, Spacing 20-100 cm
 (Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)**



**CAPRICORN 2.3 LPH, I.D. 22.2 mm, Spacing 20-100 cm
 (Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)**

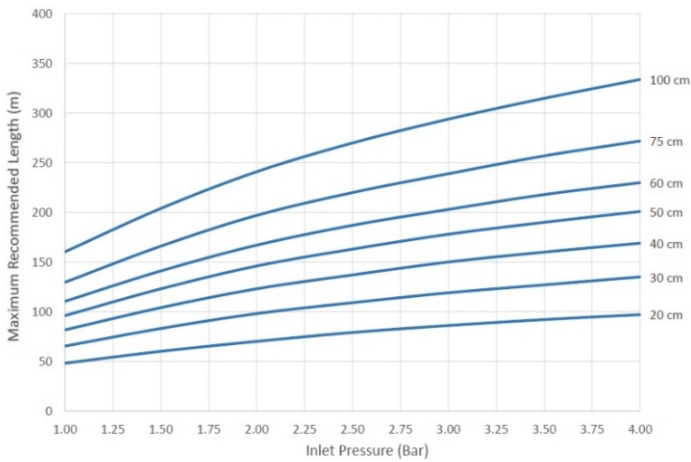


CAPRICORN

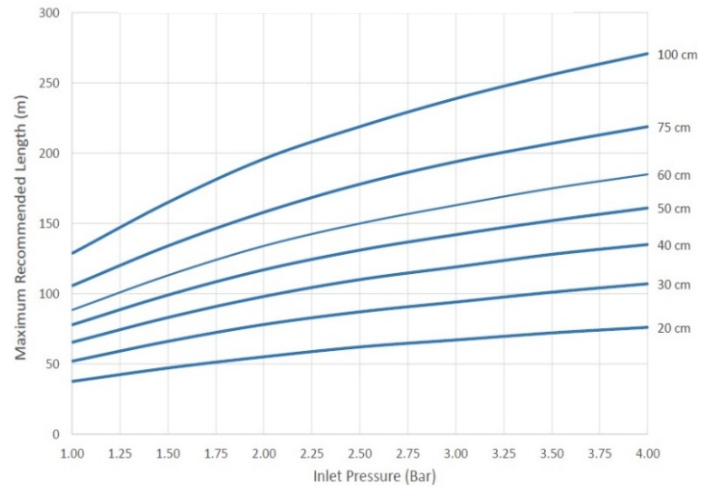


Maximum Lateral Length, CAPRICORN PC 3.8 LPH

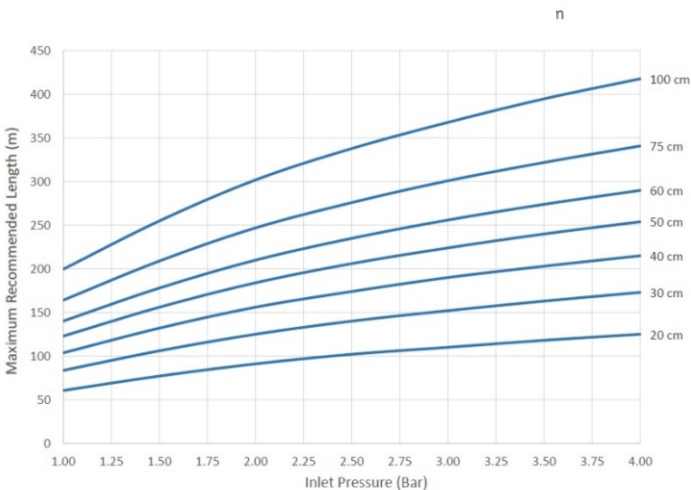
CAPRICORN 3.8 LPH, I.D. 14.4 mm, Spacing 20-100 cm
(Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)



CAPRICORN 3.8 LPH, I.D. 16.1 mm, Spacing 20-100 cm
(Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)



CAPRICORN 3.8 LPH, I.D. 18.2 mm, Spacing 20-100 cm
(Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)



CAPRICORN 3.8 LPH, I.D. 22.2 mm, Spacing 20-100 cm
(Slope 0%, Flow Variation 10%, Min. Pressure 0.7 bar)

