

## Residential, commercial

### Feature and Benefit Highlights

- Drip In PC has built-in emitters that deliver precise water application directly to the root zone
- Fully pressure-compensating from 15 – 60 psi
- The pressure compensating design makes it ideal for slopes, high wind areas and areas with limited water supply or low pressure
- Highly clog-resistant due to the dual opposed outlet emitters

### Additional Features

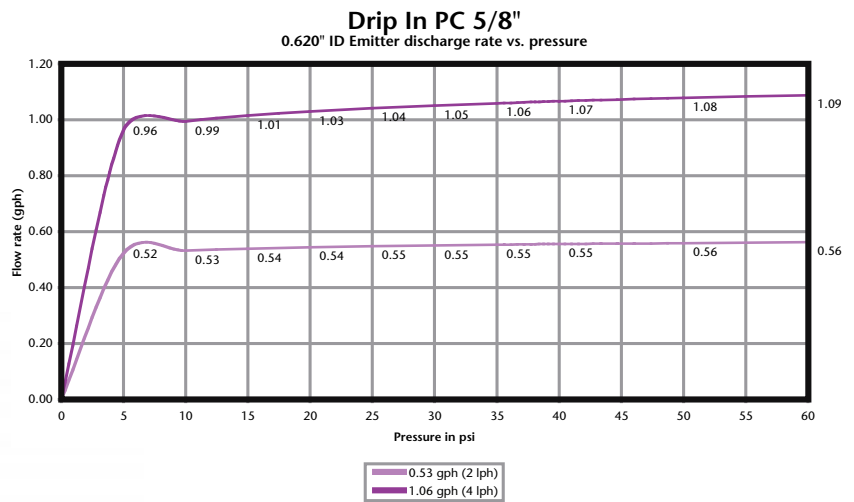
- Built in emitters
- Works well with fittings: Inside diameter fittings and OD compression fittings
- Ease of installation
- Keeps water off hardscapes preventing unsightly water stains
- Works well in odd shaped areas

### Specifications

- 12", 18" and 24" spacing is available
- Coil lengths of 100', 500' and 1000'



*DripIn pressure compensating dripline comes standard with the blue stripe of quality. DripIn PC is also available in solid brown or in solid purple for reclaimed water applications.*



### Specifying Information

PCX 18 XX-XX-XXX

Pressure Compensation	Tubing size	Emitter flow, gph (lph) @ 30 psi (2.07 bar)	Emitter spacing	Coil length
PCS-Blue Stripe	18-5/8"	53-0.53 gph (2.00 lph)	12-12" (30.5 cm)	100-100' (30m)
PCB-Brown	(0.620" ID)	10-1.00 gph (4.00 lph)	18-18" (45cm) 24-24" (60cm)	500-500' (150m) -1000' (300m)

**Example:** A coil of 5/8" (0.620" ID) pressure compensating .53 gph (2.00 lph) emitters spaced at 12" (30cm) on a 500' (150m) coil would have the following part number: **PCS1853-12-500**

*\*Other DripIn dripline sizes (0.550" ID and 0.710" ID) available upon request.  
DripIn is a registered trademark of The Toro Company.*

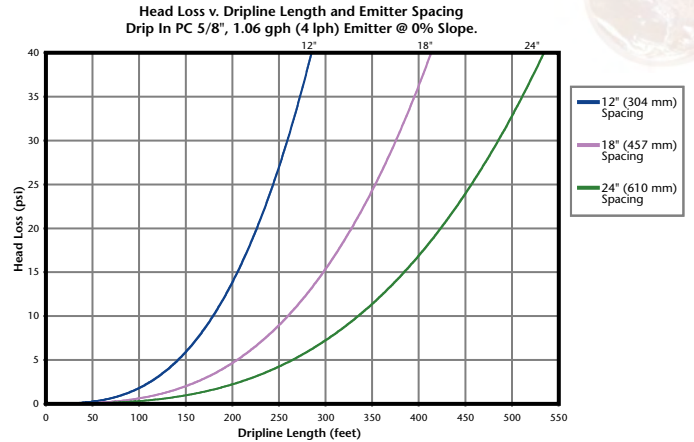
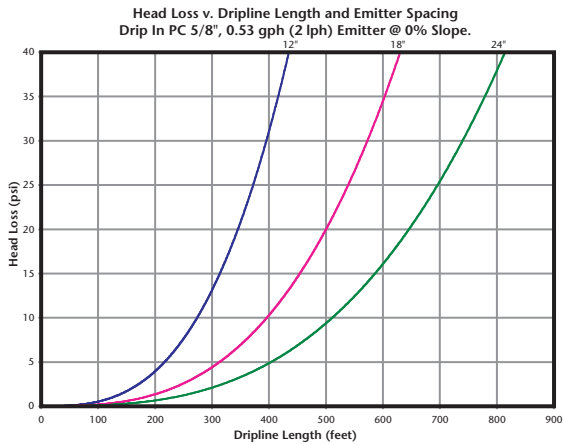
**Note:** Fittings specifications found on page 9.

## Length of Run Chart—U.S.

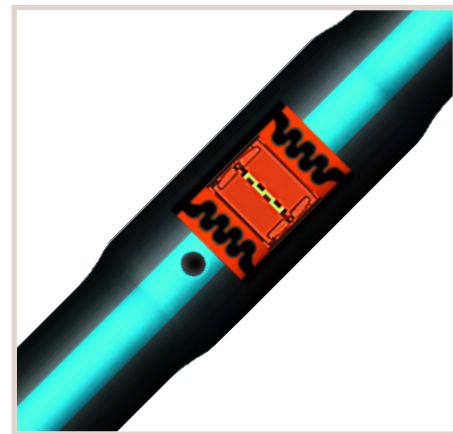
5/8" (0.620" ID / 0.710" OD)				Inlet pressure vs. Max length of run in Feet			
Part Number	Tubing Size	Flow Rate	Emitter Spacing	15 psi	25 psi	30 psi	40 psi
PCS1853-12	.620" ID	.53 gph	12"	250'	360'	400'	460'
PCS1853-18	.620" ID	.53 gph	18"	350'	515'	565'	650'
PCS1853-24	.620" ID	.53 gph	24"	450'	650'	720'	825'
PCS1810-12	.620" ID	1.0 gph	12"	160'	240'	260'	300'
PCS1810-18	.620" ID	1.0 gph	18"	240'	340'	375'	430'
PCS1810-24	.620" ID	1.0 gph	24"	300'	425'	475'	540'

## Length of Run Chart—metric

15.75mm ID / 18mm OD				Inlet pressure vs. Max length of run in Meters			
Part Number	Tubing Size	Flow Rate	Emitter Spacing	1.03 bar	1.72 bar	2.07 bar	2.76 bar
PCS1853-12	15.75 mm ID	2.0 lph	30.5 cm	76 m	110 m	122 m	140 m
PCS1853-18	15.75 mm ID	2.0 lph	45.7 cm	107 m	157 m	172 m	198 m
PCS1853-24	15.75 mm ID	2.0 lph	61.0 cm	137 m	198 m	219 m	251 m
PCS1810-12	15.75 mm ID	4.0 lph	30.5 cm	49 m	73 m	79 m	91 m
PCS1810-18	15.75 mm ID	4.0 lph	45.7 cm	73 m	104 m	114 m	131 m
PCS1810-24	15.75 mm ID	4.0 lph	61.0 cm	91 m	130 m	145 m	165 m



Performance Table	US	Metric
Flow Rate	.53/1.06 gph	2.0/4.0 lph
Coefficient of Variation (Cv)	≤ 5%	
Flow Exponent (x)	0.05	
Inside Diameter	0.620"	15,75 mm
Outside Diameter	0.710"	18,03 mm
Wall	0.045"	1,143 mm
Operating pressure (P)	15–60 psi	1,03–4,13 Bar
Minimum filtration requirement	120 Mesh	125 Micron
Hazen-Williams C factor	140	
Barb loss factor (Kd)	.98	



Cut-away illustration of the Drip In built-in emitter