

Techline® CV and HCV Hybrid

The flexibility of an online dripper. The performance of Techline® CV.

Techline® CV and HCV Hybrid combines the installation flexibility of an online dripper with the superior performance and reliability of Techline® CV and HCV inline technology. It is designed for demanding residential and commercial landscape applications, including trees, shrubs, hedges, planting beds and challenging or sloped terrain.



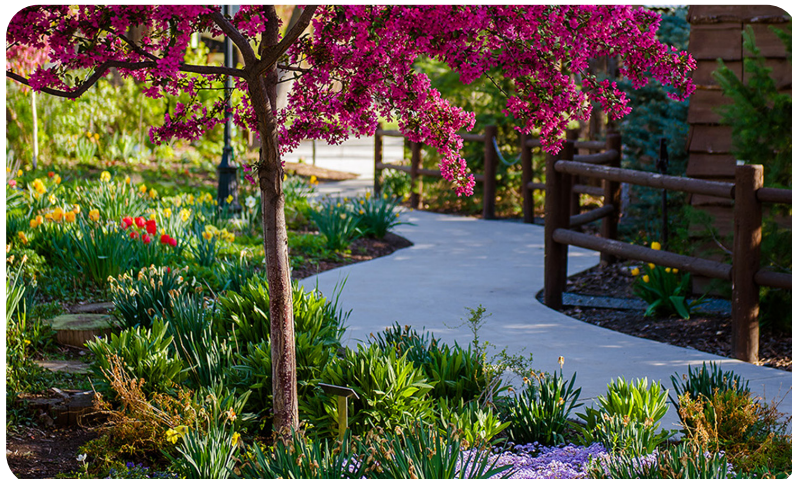
Benefits & Features

Online Dripper Flexibility	Accessories can be easily connected directly to the dripper outlet, providing greater flexibility for different landscape applications.
Clogging resistance	Large Filtration Area and large flow path cross section – Provides increased protection against clogging and reliable performance in challenging water conditions.
Pre-Welded Outlet	Provides a secure, leak-free connection between the dripper and tubing.
Pressure Compensating	Delivers consistent flow and uniform irrigation across varying pressure conditions and long runs.
Prevents drainage (CV)	The CV (Check-valve) mechanism maintains dripline pressure by preventing drainage from emitters located in low areas, ensuring uniform water distribution. Eliminates the drainage and refill effect, improving irrigation efficiency in pulse irrigation applications.
Techline CV Reliability	Combines the proven performance and durability of Techline CV inline dripper technology with the flexibility of an online solution.

Applications.



- Trees
- Shrubs
- Hedges
- Planting beds
- Challenging or sloped terrain.



Specifications & Recommendations

Techline CV Dripper Technical Data

Flow rate* (gph)	Working pressure range (psi)	Water passages dimensions width-depth-length (in)	Filtration area (mm ²)	Constant K	Exponent* X	Recommended filtration (micron)/ (mesh)	Shut off pressure (psi)
0.26	14 - 58 psi	0.033 x 0.029 x 1.57	130	0.26	0	130 / 120	2
0.42		0.043 x 0.030 x 1.57	130	0.42	0	200 / 80	2
0.61		0.050 x 0.037 x 1.57	130	0.61	0	200 / 80	2
0.92		0.063 x 0.042 x 1.57	150	0.92	0	200 / 80	2

* Within working pressure range

Techline HCV Dripper Technical Data

Flow rate* (gph)	Working pressure range (psi)	Water passages dimensions width-depth-length (in)	Filtration area (mm ²)	Constant K	Exponent* X	Recommended filtration (micron)/ (mesh)	Shut off pressure (psi)
0.33	21 - 58 psi	0.028 x 0.026 x 1.57	110	0.33	0	130 / 120	3.6
0.53		0.033 x 0.029 x 1.57	130	0.53	0	130 / 120	3.6
0.77		0.043 x 0.030 x 1.57	130	0.77	0	200 / 80	3.6

* Within working pressure range

Dripline Technical Data

Inside Diameter, (in)	Wall Thickness, (in)	Outside Diameter (in)	Nominal Diameter (mm)	Maximum Working Pressure, (psi)	Maximum Flushing Pressure, (psi)	Barb Loss, Kd
0.570	0.045	0.660	17 mm	55	72	1.20

Dripline Package Data

Inside Diameter, (in)	Wall Thickness, (in)	Outside Diameter (in)	Nominal Diameter (mm)	Coil Length, (ft)	Average Coil Weight (lb)	Coils on a Pallet, (Units)
0.570	0.045	0.660	17 mm	100	TBD	TBD
0.570	0.045	0.660	17 mm	250	TBD	TBD
0.570	0.045	0.660	17 mm	500	TBD	TBD
0.570	0.045	0.660	17 mm	1000	TBD	TBD

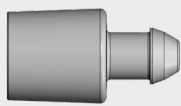
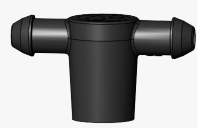


Landscape Ordering Guide

*Flow Code

Indicator	Feature		Flow Code*		Spacing		Length (ft)		Option		Hybrid	Model #	CV	HCV
	In the Model #	What it means	In the Model #	What it means	In the Model #	What it means	In the Model #	What it means	In the Model #	What it means				
TL	CV	LCNL	.26	0.26	06	6"	01	100	None	W/O Pluggs	HYB	.26	0.26	
												.33		0.33
	HCV	HCNL	.33**	0.33	12	12"	025	250	P	Pre plugged		.42	0.42	
												.53		0.53
			.42	0.42	18	18"	05	500				.61	0.61	
			.53**	0.53	24	24"	10	1000				.77		0.77
			.61	0.61	30	30"						.92	0.92	
			.77**	0.77										
			.92	0.92										
TLCV.92					06025HYB							Example Selection: TLCV.92-06025HYB		
* Please refer to the available flows per feature ** Available for HCV only														

Accessories

Straight 3X5 adapter		Elbow 3X5 adapter	
Flat 2 adapter		Flat 4 adapter	
Plug for Hybrid			
Spikes		NetBow™	

