

UniRam™ Hybrid

The flexibility of an online dripper. The performance of UniRam.

UniRam™ Hybrid combines the installation flexibility of an online dripper with the superior clogging resistance, leak-free performance and reliability of UniRam™ inline technology.

Designed for a wide range of irrigation applications, UniRam Hybrid provides the versatility to connect different accessories directly to the dripper outlet or simply use the pre-welded outlet to help in drop mitigation caused by elevation changes, supporting more uniform irrigation on slopes and uneven terrain while delivering consistent, reliable performance in demanding growing environments.



Benefits & Features

Hybrid Online Dripper Flexibility	Combines the proven performance of UniRam™ integral technology with the flexibility of an online dripper, featuring a pre-welded outlet for direct connection of Netafim™ accessories.
Reliable on Slopes & Uneven Terrain	The unique outlet design help prevent drop migration, ensuring more consistent water placement across challenging installations.
Pressure Compensating	Delivers precise, uniform flow across a broad pressure range for consistent water and nutrient distribution.
Superior Clogging Resistance	Large filtration area, wide water passages and TurboNet™ labyrinth technology provide reliable performance even under challenging water conditions.
Continuous Self-Flushing	Continuously flushes debris during operation to help maintain consistent dripper performance.
Advanced Anti-Siphon & Anti-Drain Protection	The anti-siphon mechanism helps prevent contaminants from being drawn into the dripper, while the CNL/HCNL anti-drain mechanism eliminates drainage and refill effects, improving efficiency in pulse irrigation and steep topography.
Physical Root Barrier	The unique dripper design creates physical barriers that provide enhanced protection against root intrusion into the labyrinth.

One Dripper. Multiple Applications.



Agriculture

Vineyards, orchards, Blueberries and other perennial crops where precise, reliable irrigation, drop mitigation and flexible outlet configurations are required.



Landscape

Trees, shrubs, hedges, planting beds and challenging or sloped terrain.



Greenhouse

Container crops, pots, grow bags, benches and other protected growing systems.



Nursery

Containerized plants, trees, shrubs and other nursery production systems requiring flexible point-source irrigation.

AS 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)
0.26	7 - 58 psi	0.033 x 0.029 x 1.57	130	0.26	0	130 / 120
0.32		0.033 x 0.029 x 1.57	130	0.32	0	130 / 120
0.42		0.043 x 0.030 x 1.57	130	0.42	0	200 / 80
0.53		0.043 x 0.030 x 1.57	130	0.53	0	200 / 80
0.61		0.050 x 0.037 x 1.57	130	0.61	0	200 / 80
0.92		0.063 x 0.042 x 1.57	150	0.92	0	200 / 80
1.00		0.063 x 0.042 x 1.57	150	1.00	0	200 / 80

* Within working pressure range

LCNL 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
0.53		0.043 x 0.030 x 1.57	130	0.53	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

HCNL 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
1.16		0.043 x 0.030 x 1.57	130	1.16	0	200 / 80	3.6

* Within working pressure range

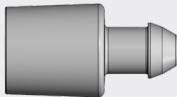
Dripline Technical Data

Inside Diameter, (in)	Wall Thickness, (in)	Outside Diameter (in)	Nominal Diameter (mm)	Maximum Working Pressure, (psi)	Maximum Flushing Pressure, (psi)	Barb Loss, Kd
0.540	0.045	0.630	16 mm	58	75	1.30
0.560	0.050	0.660	17 mm	55	72	1.20
0.620	0.045	0.710	18 mm	51	66	0.85
0.690	0.048	0.786	20 mm	51	66	0.40
0.820	0.060	0.940	24 mm	51	66	0.30

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)	Pallets on a Truckload, (Units)	Total in Truck Load, (ft)
0.540	0.045	0.630	16 mm	TBD	TBD	TBD	TBD	TBD
0.560	0.050	0.660	17 mm	TBD	TBD	TBD	TBD	TBD
0.620	0.045	0.710	18 mm	TBD	TBD	TBD	TBD	TBD
0.690	0.048	0.786	20 mm	TBD	TBD	TBD	TBD	TBD
0.820	0.060	0.940	24 mm	TBD	TBD	TBD	TBD	TBD

Accessories

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

Ordering Guide



Agriculture Ordering Guide

*Flow Code

Indicator	Diameter		Flow Code*	Spacing		Feature		Option		Hybrid	Model #	AS	CNL
	In the Model #	What it means		In the Model #	What it means	In the Model #	What it means	In the Model #	What it means		.2	0.26	0.26
UR	16	540	.2	06	6"	None	AS	None	W/O Pluggs	HYB	.3	0.32	
	17	560	.3	12	12"	C	CNL	P	Pre plugged		.4	0.42	0.42
	18	620	.4	18	18"						.5	0.53	0.53
	20	690	.5	24	24"						.6	0.61	0.61
	820	820	.6	30	30"						.9		0.92
			.9								Example Selection: UR20.5-12HYB		
			1										
UR20.5				12HYB									
* Please reffer to the available flows per feature													



Greenhouse Ordering Guide

*Flow Code

Indicator	Color		Diameter		Flow Code*	Spacing		Length (ft)		Feature		Hybrid	Model #	CNL	HCNL
	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				
UR	WH	White	16	540	.2	06	6"	05	500	C	CNL	HYB	.2	0.26	-
			17	560	.3	12	12"	10	1000	H	HCNL		.3	-	0.33
			18	620	.4	18	18"						.4	0.42	-
			20	690	.5	24	24"						.5	0.53	0.53
			820	820	.6	30	30"						.6	0.61	-
					.9								.7	-	0.77
					1								.9	0.92	-
													1	-	1.16
URWH16.5						1805CHYB						Example Selection: URWH16.5-1805CHYB			

* Please refer to the available flows per feature



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														

* Please refer to the available flows per feature

** Available for HCV only