

UniRam™ Hybrid

The flexibility you need. The reliability you expect.

UniRam™ Hybrid combines the flexibility of an online dripper with the proven performance and reliability of UniRam™ inline technology, making it an ideal solution for greenhouse and nursery irrigation.

The flexible outlet design allows a variety of accessories to be connected directly to the dripper, providing the versatility needed for different crops, container sizes and growing configurations. At the same time, UniRam technology delivers excellent clogging resistance, consistent flow and reliable, leak-free connections for long-term performance.



Benefits & Features

Flexible Accessory Connection	Easily connect a variety of accessories directly to the dripper outlet for different crop and container configurations.
Superior Clogging Resistance	Large filtration area and large flow-path cross section help maintain reliable performance, even in challenging water conditions.
Pressure Compensating	Provides consistent flow and uniform irrigation across varying pressure conditions.
Leak-Free Outlet	The welded outlet provides a secure, reliable connection to accessories and helps eliminate leakage.
Adaptable to Different Growing Systems	Ideal for containers, pots, grow bags, benches and other greenhouse and nursery configurations.
Prevents drainage (CNL)	The CNL (anti-drain) 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.
UniRam Reliability	Combines the versatility of an online dripper with the durability and proven performance of UniRam inline technology.

Applications.



- Container crops
- Pots
- Grow bags
- Benches and other protected growing systems.



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



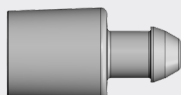
Greenhouse Ordering Guide

*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

Accessories

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

