

**P1" DISCRETE EMITTER DRIPLINE
RECOMMENDED RUN LENGTH (FEET) TO EMISSION UNIFORMITY (E.U.%)**

Model	S (%)	E.U. (%)	8"	12"	16"	20"	24"	30"	P1" 5/8" Working Pressure: 10 PSI Spacing (In) Run Length (Feet)
5/8" 0.17 Gph	2	95	131	134	137	141	141	141	
		90	380	433	469	492	508	524	
		85	498	577	633	669	698	725	
	0	95	305	397	485	547	616	708	
		90	564	731	879	1010	1135	1309	
		85	698	905	1089	1253	1407	1624	
	-2	95	200	164	157	154	154	150	
		90	695	862	1161	1368	1558	1853	
		85	843	1056	1092	1204	1404	2116	
5/8" 0.25 Gph	2	95	127	137	144	144	147	147	
		90	344	403	446	475	495	518	
		85	442	528	587	633	666	705	
	0	95	255	331	397	456	511	590	
		90	469	606	728	839	941	1086	
		85	577	748	898	1036	1164	1341	
	-2	95	360	206	177	170	167	164	
		90	567	754	803	1049	1259	1483	
		85	685	908	997	1072	1505	1765	
5/8" 0.33 Gph	2	95	111	124	127	131	134	137	
		90	288	344	383	413	436	462	
		85	370	449	505	551	584	626	
	0	95	203	262	318	364	410	472	
		90	377	485	584	672	754	872	
		85	465	603	725	833	938	1624	
	-2	95	269	242	180	164	157	154	
		90	439	590	731	862	990	1158	
		85	534	715	882	1040	1187	1387	
5/8" 0.46 Gph	2	95	104	118	127	131	134	137	
		90	249	305	344	377	403	433	
		85	318	390	446	492	528	574	
	0	95	167	216	259	298	334	387	
		90	305	397	475	547	616	711	
		85	380	492	590	679	764	879	
	-2	95	213	285	203	318	183	170	
		90	351	465	570	685	777	918	
		85	429	567	695	826	938	1105	

$E.U. = 100 (1 - 1.27CV / \text{Square Root } n) Q_{min} / Q_{med}$
S = Slope

CV = Coefficient of Variation
n = number of drippers for each plant
Q_{min} = mean Flow Rate (gph)
Q_{med} = medium Flow rate

For a better uniformity of delivery in each system point,
it is recommended to use E.U. values, higher than or equal