



Classic dripline with flat dripper and long labyrinth

The classic dripline with flat dripper is ideal for orchards and perfect for perennial crops. Available with a compact dripper, with little load loss, benefiting uniformity and the maximum lengths, and with a large dripper with long labyrinth path which allows better pressure control.

Ideal for orchards!



irritec[®]
don't wait for rain[®]
www.irritec.com

D7



CLASSIC DRIPLINE WITH FLAT DRIPPER AND LONG LABYRINTH

D7, the classic dripline with flat dripper and long labyrinth, thanks to the innovative, medium sized flat dripper, boasts an extended filtering surface, which combined with the turbulent labyrinth with large passage sections, making it usable with water very full of solid particles.

Field of application



Tree and orchard crops



Open field crops



Vineyards



Olive groves



Crops protected underground



Hedges, trees and flowerbeds



Dripline technical data

Nominal external Ø	Internal diameter	External diameter	Pricelist ref.	Thickness	Max working pressure		Kd
mm	mm	mm	-	mil	mm	bar	psi
16	13,8	15,3	FAGA30	30	0,75	2,5	36
		15,6	FAGA35	35	0,90	3,0	43
		15,8	FAGA40	40	1,00	4,0	58
20	17,7	19,5	FAGB35	35	0,90	3,0	43
		19,7	FAGB40	40	1,00	3,5	51
		19,9	FAGB44	44	1,10	3,5	51
		20,1	FAGB47	47	1,20	4,0	58
23	20,8	23,2	FAGH47	47	1,20	3,5	51
25	22,6	25,0	FAGF47	47	1,20	3,0	43

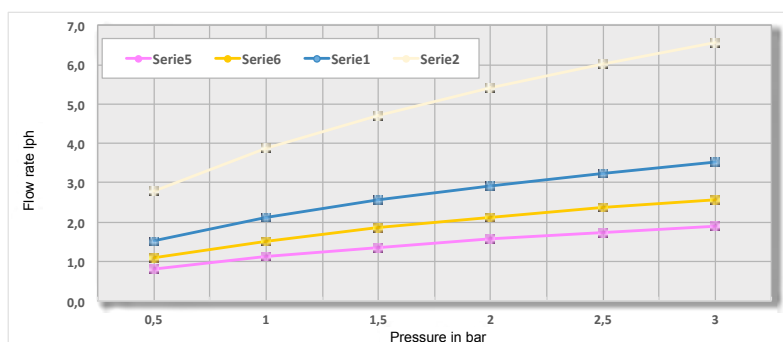
Dripper characteristics

New long dripper

Actual flow rate lph	Colour	Recommended filtering	Flow Equation		CV
a 1,0 bar / 14,5 psi		Mesh	k	x	%
1,1		150	0,37	0,48	2,5
1,5		120	0,50	0,48	2,5
2,1		120	0,71	0,47	2,5
3,8		100	1,27	0,48	2,5
7,8		100	2,65	0,47	2,5

Pressure - flow rate ratio

Actual flow rate lph	Pressure bar					
a 1,0 bar / 14,5 psi	0,5	1,0	1,5	2,0	2,5	3
1,1	0,81	1,13	1,37	1,57	1,75	1,91
1,5	1,09	1,52	1,85	2,13	2,37	2,58
2,1	1,53	2,11	2,56	2,93	3,25	3,54
3,8	2,76	3,74	4,51	5,09	5,66	6,16
7,8	5,62	7,84	9,52	10,93	12,16	13,28



Lengths recommended in metres, based on E.U.

D7 16 mm								
Flow rate lph	E.U.%	Spacing cm						
		20	30	40	50	60	75	100
1,1	90	108	140	169	195	219	253	304
	85	133	173	209	241	271	312	376
1,5	90	89	116	139	161	181	209	251
	85	110	143	172	199	224	258	310
2,1	90	73	95	114	132	148	171	205
	85	90	117	141	163	183	221	254
3,8	90	49	64	77	89	100	115	139
	85	61	79	95	110	124	143	171

D7 20 mm								
Flow rate lph	E.U.%	Spacing cm						
		20	30	40	50	60	75	100
1,1	90	167	217	261	300	338	389	468
	85	206	268	322	371	417	481	578
1,5	90	138	179	215	248	279	322	386
	85	170	221	266	307	345	397	478
2,1	90	113	146	176	203	228	263	316
	85	139	180	217	250	281	324	390
3,8	90	76	98	118	137	154	177	213
	85	93	121	146	169	190	219	263

E.U. = emission uniformity

• Slope=0%

• Inbound pressure= 1,0 bar

