



JuniorTM

Classic dripline with compact cylindrical dripper

Junior is the normal integrated dripline with smaller dripper compared to the Tandem. This leads to minimum load loss, allowing considerable dripline lengths to be implemented. The dripper adjusts the supply flow, guaranteeing excellent irrigation uniformity.

Smaller dripper,
**lower part with same
efficiency and quality!**



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

JUNIOR™



CLASSIC DRIPLINE WITH COMPACT CYLINDRICAL DRIPPER

Junior is the classic dripline with a smaller cylindrical dripper smaller than the ones of the traditional driplines. The compactness of the dripper leads to minimal head loss, ensures excellent irrigation uniformity and allows the realization of considerable lengths. The outlet holes of the dripper allow a quick and easy installation without the need to check the position of the emission point, ensuring the of the pipes' discharge at the end of the irrigation cycle.

Product certified
according to
ISO 9261



Dripper characteristics

Nominal diameter mm	Actual flow rate lph a 1,0 bar	Flow Equation k x	Recomm. filtering mesh	CV %
16	1,60	0,57 0,46	155	≤ 3
	2,10	0,66 0,50	120	≤ 3
	3,60	1,13 0,50	120	≤ 3
20	1,10	0,36 0,48	155	≤ 3
	1,60	0,57 0,46	155	≤ 3

Field of application



Tree and
orchard crops



Vineyards



Olive groves



Crops protected
underground



Nurseries



Hedges, trees
and flowerbeds

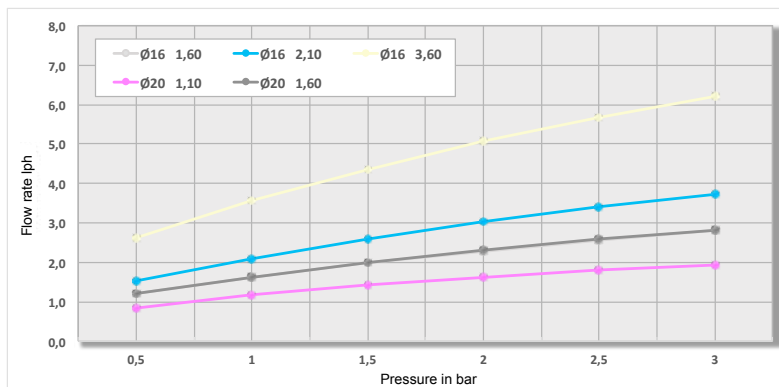


Dripline technical data

Nominal diameter mm	Internal diameter mm	External diameter mm	Pricelist Ref.	Thickness mil mm	Max working pressure		Kd
			-		bar	psi	-
16	13,8	15,6	FAJA35	35	0,90	3,0	43
		16,0	FAJA44	44	1,10	4,0	58
20	17,7	19,5	FAJB35	35	0,90	3,0	43
		20,1	FAJB47	47	1,20	4,0	58

Pressure - Flow Rate Ratio, according to thickness of the tubing (mil)

Nominal diameter mm	Actual flow rate lph	Spes. mil	Pressure (bar)						
			0,5	1	1,5	2	2,5	3	
16	1,60	35	1,21	1,61	1,98	2,29	2,57	2,81	
		44	1,15	1,52	1,92	2,22	2,50	2,72	
	2,10	35	1,53	2,08	2,58	3,03	3,41	3,73	
		44	1,42	1,98	2,47	2,95	3,30	3,63	
	3,60	35	2,61	3,57	4,35	5,06	5,66	6,22	
		44	2,55	3,51	4,27	4,92	5,50	6,05	
20	1,10	35	0,84	1,19	1,43	1,63	1,82	1,94	
		47	0,77	1,09	1,34	1,52	1,69	1,80	
	1,60	35	1,21	1,61	1,98	2,30	2,58	2,82	
		47	1,14	1,51	1,90	2,21	2,49	2,71	



Lengths recommended in metres, based on E.U.

JUNIOR 16 mm										
Flow rate lph	E.U.%	Spacing (cm)								
		20	30	40	50	60	75	100	125	150
1,60	90	82	108	131	152	171	198	239	276	310
	85	102	134	162	187	211	244	294	340	382
2,10	90	69	91	110	128	144	166	200	231	260
	85	86	112	136	158	178	206	248	286	322
3,60	90	49	64	78	90	101	117	141	163	184
	85	60	79	96	111	125	145	175	202	227

JUNIOR 20 mm										
Flow rate lph	E.U.%	Spacing (cm)								
		20	30	40	50	60	75	100	125	150
1,10	90	163	214	258	298	336	388	467	540	607
	85	201	264	319	369	415	480	578	667	750
1,60	90	130	170	205	237	267	308	371	425	477
	85	160	209	253	292	329	380	458	524	589

E.U. = emission uniformity

• Inbound pressure = 1,0 bar

• Slope = 0



GFDGENI01A00190

Irritec S.p.A.
Via Gambitta Conforto, C.da S. Lucia - 98071 Capo d'Orlando (Me) - Italy
Tel. +39 0941922111 - Fax +39 0941958807 - irritec@irritec.com

For further information download
the complete catalogue.

