

Button & Pot Drippers

On-line drippers

Applications:

Greenhouses, nurseries, garden pots, citrus, orchards, deciduous and tree irrigation.

Specifications:

- Maximal working pressure: 2.0 bar
- Turbulent labyrinth with large water passages.
- 5 different flow rates
- The Button model , to be inserted into thick-walled pipes (1.0 and 1.2 mm)
- The Pot model , to be threaded into a 3*5 micro-tube
- Injected dripper, very low CV.
- Resistant plastic material with UV protection

Features and Benefits:

- Dripper can be positioned exactly where required.
- Number of drippers can be increased to increase the water quantities applied aimed at meeting tree's growth rate requirements.
- Allows the installation of "spider assembly", splitting the drip supply to a number of drip outlets.



Model	Nominal flow rate (l/h.)*	Max. working pressure (bar)	Water passages dimensions			Constant K	Exponent x	Base code color	Cap color code
			Width (mm.)	Depth (mm.)	Length (mm.)				
1	1.15	2.0	0.70	0.65	50	0.381	0.48	brown	black
2	2.00	2.0	0.98	0.89	50	0.662	0.48	red	black
3**	3.00	2.0	1.05	0.95	50	0.993	0.48	blue	black
4	4.00	2.0	1.27	1.20	50	1.325	0.48	black	black
8	8.00	2.0	1.65	1.40	50	2.649	0.48	green	black

* at 1.0 bar pressure

** only available in the Button model

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Performance Data

Button & Pot dripper - PE pipe 16/2.5 - I.D. 13.60 mm. - Inlet pressure 1.5 bar - Kd 0.39

Maximum lateral length (meter) at 10% Flow variation

Nominal flow rate (l/h.)	Spacing between drippers (m.)						
	0.25	0.50	0.75	1.00	1.50	3.00	5.00
1.15	80	135	180	219	288	456	635
2.00	56	94	126	154	203	321	445
3.00	43	73	97	118	156	246	340
4.00	35	60	80	98	129	204	285
8.00	23	38	51	62	83	129	180

Button & Pot dripper - PE pipe 20/2.5 - I.D. 17.40 mm. - Inlet pressure 1.5 bar - Kd 0.13

Maximum lateral length (meter) at 10% Flow variation

Nominal flow rate (l/h.)	Spacing between drippers (m.)						
	0.25	0.50	0.75	1.00	1.50	3.00	5.00
1.15	133	217	285	345	450	705	980
2.00	93	152	200	242	317	495	685
3.00	72	117	154	187	243	381	530
4.00	60	97	128	155	203	318	440
8.00	38	62	82	99	129	201	280

Button & Pot dripper - PE pipe 25/2.5 - I.D. 22.20 mm. - Inlet pressure 1.5 bar - Kd 0.10

Maximum lateral length (meter) at 10% Flow variation

Nominal flow rate (l/h.)	Spacing between drippers (m.)						
	0.25	0.50	0.75	1.00	1.50	3.00	5.00
1.15	223	346	448	538	698	1083	1500
2.00	157	243	315	378	489	762	1055
3.00	121	188	243	292	378	588	810
4.00	100	156	202	243	314	489	675
8.00	65	100	130	156	201	312	430

All the lengths are calculated in a plain area

For more information, please contact Netafim™ Technical Department, or connect to our website at www.netafim.com

Packaging Data

Dripper picture	Dripper model	Nominal flow rate (l/h.)	Catalog number	Quantity/box (units)	Box dimensions (cm.x cm.x cm.)	Box weight (kg.)
	Button dripper flat outlet	1.15	20000-001000	10000	57 x 28 x 27	12.7
		2.00	20000-001400			
		3.00	20000-001150			
		4.00	20000-001200			
		8.00	20000-001500			
	Button dripper barb outlet	1.15	20020-001400	9500	57 x 28 x 27	12.4
		2.00	20020-001500			
		3.00	20020-001550			
		4.00	20020-001600			
		8.00	20020-001700			
	Button dripper nipple outlet	1.15	20020-001000	8500	57 x 28 x 27	11.2
		2.00	20020-001100			
		3.00	20020-001150			
		4.00	20020-001200			
		8.00	20020-001300			
	Pot dripper flat outlet	1.15	20500-001000	10000	57 x 28 x 27	12.8
		2.00	20500-001100			
		3.00	20500-001200			
		8.00	20500-001300			
	Pot dripper nipple outlet	1.15	20520-001000	8500	57 x 28 x 27	11.3
		2.00	20520-001100			
		3.00	20520-001200			
		8.00	20520-001300			
	M.O.D Multi outlet Dripper	2.00	23000-001000	2500	57 x 28 x 27	6.9
		4.00	23000-001100			
		8.00	23000-001200			

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