

TUBOGOTEJADOR PLANO AUTOCOMPENSANTE DE PAREDE ESPESSA (PC)

TopDrip HD PC & PC AS



Gotejador autocompensado (PC) inovador, com característica especial anti-sifão (AS) de parede espessa com o exclusivo labirinto "Cascade" incorporado em todos gotejadores.

APLICAÇÕES

Culturas em linha

- Pomares e outras aplicações multi-sazonais
- Indicado para uso superficial ou enterrado (SDI), em topografias variáveis
- Irrigação de linhas longas com alta uniformidade

ESTRUTURA E CARACTERÍSTICAS

- Baixo CV: 3,0%
- Labirinto Cascade incorporado para máxima resistência a entupimentos
- Proteção contra intrusão radicular
- Mecanismo único de auto-limpeza dupla
- Grandes passagens de água para ótima durabilidade em baixas vazões
- Múltipla de entrada de água do canal para a operação sob condição de sujeira pesada
- Curto espaçamento entre gotejadores cria uma faixa molhada contínua

DADOS TÉCNICOS

- Vazão nominal: 1.0, 1.6, 2.0, 2.2 l/h
- Faixa de regulação de pressão: 0,4-4,0 bar
- Pressão de trabalho: 0,4-0,4 bar, de acordo com a espessura de parede
- Espessura de parede: 0.9-1.2 mm
- Filtragem recomendada: 130 micron (120 mesh)



TopDrip PC
1.0, 1.6, 2.0, 2.2 l/h



TopDrip PC AS
1.0, 1.6, 2.0, 2.2 l/h

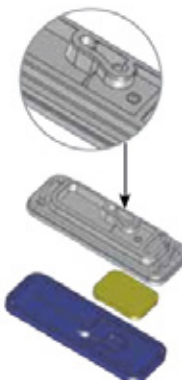


VISÃO SUPERIOR

Perfil mínimo reduz perdas. Design de entrada de água reduz o entupimento

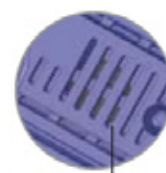


Estrutura projetada para impedir a intrusão de raízes e sucção de areia

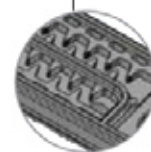


VISÃO INFERIOR

Multi-canal: canal tridimensional de passagem de água e onze entradas independentes



Labirinto Cascade permite ampla passagem de água e operação de auto-limpeza



THICK-WALLED PC FLAT DRIPLINE

TopDrip HD PC & PC AS

PERDA DE CARGA(m) EM RELAÇÃO AO COMPRIMENTO LATERAL(m), VAZÃO DO GOTEJADOR E ESPAÇAMENTO(cm)

TopDrip HD 17, 0.6l/h W.T 0.9-1.2 ID 14.4										
Espaçamento entre Gotejadores										
Comp. Lateral (m)	0.15	0.2	0.3	0.4	0.5	0.6	0.75	0.8	0.9	1
20										
40	0.3	0.1	0.1							
60	0.9	0.5	0.2	0.1	0.1					
80	2.1	1	0.4	0.2	0.1	0.1	0.1	0.1		
100	3.9	2	0.8	0.4	0.3	0.2	0.1	0.1	0.1	0.1
120	6.7	3.3	1.3	0.7	0.4	0.3	0.2	0.2	0.1	0.1
140	10.4	5.2	2	1.1	0.7	0.5	0.3	0.3	0.2	0.2
160	15.3	7.7	3	1.6	1	0.7	0.4	0.4	0.3	0.2
180		10.8	4.2	2.2	1.4	0.9	0.6	0.5	0.4	0.3
200		14.6	5.7	3	1.9	1.3	0.8	0.7	0.6	0.4
220		19.2	7.5	3.9	2.5	1.7	1.1	0.9	0.7	0.6
240			9.6	5.1	3.1	2.1	1.3	1.2	0.9	0.7
260			12.1	6.4	4	2.7	1.7	1.5	1.2	0.9
280			15	7.9	4.9	3.3	2.1	1.8	1.4	1.2
300			18.2	9.6	6	4.1	2.5	2.2	1.8	1.4
320				11.6	7.2	4.9	3.1	2.7	2.1	1.7
340				13.8	8.5	5.8	3.6	3.2	2.5	2
360				16.3	10	6.8	4.3	3.7	3	2.4
380				19	11.7	8	5	4.4	3.5	2.8
400					13.6	9.2	5.8	5.1	4	3.2
420					15.6	10.6	6.6	5.8	4.6	3.7
440					17.9	12.1	7.6	6.7	5.2	4.2
460						13.7	8.7	7.6	6	4.8
480						15.5	9.7	8.5	6.7	5.4
500						17.5	11	9.6	7.6	6.1

TopDrip 17, 1.0l/h, W.T 0.9-1.2mm, ID 14.4										
Espaçamento entre Gotejadores										
Comp. Lateral (m)	0.15	0.2	0.3	0.4	0.5	0.6	0.75	0.8	0.9	1
20	0.1									
40	0.7	0.4	0.1	0.1						
60	2.5	1.2	0.5	0.2	0.1	0.1	0.1	0.1		
80	5.7	2.8	1	0.5	0.3	0.2	0.1	0.1	0.1	0.1
100	11.1	5.3	2	1	0.6	0.4	0.3	0.2	0.2	0.1
120	18.9	9.1	3.4	1.7	1.1	0.7	0.4	0.4	0.3	0.2
140	29.8	14.3	5.3	2.7	1.6	1.1	0.7	0.6	0.5	0.4
160		21.1	7.9	4	2.4	1.6	1	0.9	0.7	0.6
180		29.9	11.1	5.6	3.4	2.3	1.4	1.2	1	0.8
200			15.1	7.7	4.6	3.1	1.9	1.7	1.3	1.1
220			19.9	10.1	6.1	4.1	2.5	2.2	1.7	1.4
240			25.6	13	7.9	5.3	3.3	2.8	2.2	1.8
260				16.5	9.9	6.6	4.1	3.6	2.8	2.2
280				20.4	12.3	8.2	5.1	4.4	3.5	2.8
300				25	15	10	6.2	5.4	4.2	3.4
320					18.1	12.1	7.5	6.5	5.1	4.1
340					21.6	14.4	8.9	7.7	6	4.9
360					25.5	17	10.5	9.1	7.1	5.7
380						19.9	12.2	10.7	8.3	6.7
400						23.1	14.2	12.4	9.7	7.7
420						26.5	16.3	14.2	11.1	8.9
440							18.7	16.3	12.7	10.2
460							21.3	18.5	14.4	11.6
480							24	20.9	16.3	13.1
500							27	23.5	18.4	14.7

TopDrip 17, 1.6l/h, W.T 0.9-1.2mm, ID 14.4										
Espaçamento entre Gotejadores										
Comp. Lateral (m)	0.15	0.2	0.3	0.4	0.5	0.6	0.75	0.8	0.9	1
20	0.2	0.1								
40	1.9	0.9	0.3	0.2	0.1	0.1				
60	6.1	3	1.1	0.6	0.3	0.2	0.1	0.1	0.1	0.1
80	14.3	6.9	2.6	1.3	0.8	0.5	0.3	0.3	0.2	0.2
100	27.6	13.2	4.9	2.5	1.5	1	0.6	0.6	0.4	0.3
120		22.6	8.4	4.3	2.6	1.7	1.1	0.9	0.7	0.6
140			13.1	6.7	4	2.7	1.7	1.5	1.1	0.9
160			19.4	9.8	5.9	4	2.5	2.1	1.7	1.3
180			27.3	13.9	8.3	5.6	3.4	3	2.4	1.9
200				18.8	11.3	7.6	4.7	4.1	3.2	2.6
220					24.9	14.9	10	6.2	5.4	4.2
240						19.2	12.8	7.9	6.9	5.4
260						24.2	16.2	10	8.7	6.8
280							20	12.3	10.7	8.4
300							24.4	15	13.1	10.2
320								29.5	18.1	15.8
340									21.6	18.8
360									25.5	22.2
380										25.9
400										23.4
420										26.9
440										24.7
460										28
480										
500										



THICK-WALLED PC FLAT DRIPLINE

TopDrip HD PC & PC AS

PERDA DE CARGA(m) EM RELAÇÃO AO COMPRIMENTO LATERAL(m), VAZÃO DO GOTEJADOR E ESPAÇAMENTO(cm)

TopDrip HD 20, 0.6l/h W.T 0.9-1.2 ID 17.7										
Espaçamento entre Gotejadores										
Comp. Lateral (m)	0.15	0.2	0.3	0.4	0.5	0.6	0.75	0.8	0.9	1
20										
40	0.2	0.1								
60	0.4	0.2	0.1	0.1						
80	0.9	0.5	0.2	0.1	0.1					
100	1.6	0.9	0.4	0.2	0.1	0.1	0.1			
120	2.6	1.4	0.6	0.3	0.2	0.1	0.1	0.1	0.1	
140	3.9	2.1	0.9	0.5	0.3	0.2	0.1	0.1	0.1	0.1
160	5.5	2.9	1.2	0.7	0.4	0.3	0.2	0.2	0.1	0.1
180	7.5	4	1.7	0.9	0.6	0.4	0.3	0.2	0.2	0.1
200	9.8	5.3	2.2	1.2	0.8	0.5	0.3	0.3	0.2	0.2
220	12.7	6.8	2.9	1.6	1	0.7	0.4	0.4	0.3	0.2
240	15.9	8.6	3.7	2	1.3	0.9	0.6	0.5	0.4	0.3
260	19.7	10.7	4.5	2.5	1.6	1.1	0.7	0.6	0.5	0.4
280		13	5.5	3	1.9	1.3	0.9	0.7	0.6	0.5
300		15.6	6.7	3.7	2.3	1.6	1	0.9	0.7	0.6
320		18.5	7.9	4.4	2.8	1.9	1.2	1.1	0.9	0.7
340			9.3	5.2	3.3	2.3	1.4	1.3	1	0.8
360			10.9	6	3.8	2.6	1.7	1.5	1.2	1
380			12.6	7	4.4	3.1	2	1.7	1.4	1.1
400			14.5	8	5.1	3.5	2.3	2	1.6	1.3
420			16.5	9.2	5.8	4	2.6	2.3	1.8	1.5
440			18.7	10.4	6.6	4.6	2.9	2.6	2	1.7
460				11.8	7.5	5.2	3.3	2.9	2.3	1.9
480				13.2	8.4	5.8	3.7	3.3	2.6	2.1
500				14.8	9.4	6.5	4.2	3.7	2.9	2.4

TopDrip 20, 1.0l/h, W.T 0.9-1.2mm, ID 17.7										
Espaçamento entre Gotejadores										
Comp. Lateral (m)	0.15	0.2	0.3	0.4	0.5	0.6	0.75	0.8	0.9	1
20										
40	0.3	0.1								
60	0.8	0.4	0.2	0.1	0.1					
80	1.9	0.9	0.4	0.2	0.1	0.1				
100	3.7	1.8	0.7	0.4	0.2	0.1	0.1	0.1	0.1	0.1
120	6.4	3.1	1.2	0.6	0.4	0.3	0.2	0.1	0.1	0.1
140	10	4.8	1.8	0.9	0.6	0.4	0.2	0.2	0.2	0.1
160	14.8	7.2	2.7	1.4	0.9	0.6	0.4	0.3	0.2	0.2
180	20.9	10.1	3.8	2	1.2	0.8	0.5	0.4	0.3	0.3
200	28.6	13.8	5.2	2.7	1.6	1.1	0.7	0.6	0.5	0.4
220		18.2	6.8	3.5	2.1	1.4	0.9	0.8	0.6	0.5
240		23.5	8.8	4.5	2.8	1.9	1.2	1	0.8	0.6
260		29.8	11.1	5.7	3.5	2.3	1.5	1.3	1	0.8
280			13.8	7.1	4.3	2.9	1.8	1.6	1.2	1
300			16.9	8.7	5.3	3.5	2.2	1.9	1.5	1.2
320			20.4	10.5	6.3	4.3	2.6	2.3	1.8	1.5
340			24.4	12.5	7.6	5.1	3.2	2.7	2.2	1.7
360			28.8	14.7	8.9	6	3.7	3.2	2.5	2
380				17.2	10.4	7	4.3	3.8	3	2.4
400				20	12.1	8.1	5	4.4	3.4	2.8
420				23	13.9	9.3	5.8	5.1	4	3.2
440				26.4	15.9	10.7	6.6	5.8	4.5	3.6
460					18.1	12.1	7.5	6.6	5.1	4.1
480					20.5	13.7	8.5	7.4	5.8	4.7
500					23.1	15.5	9.6	8.4	6.5	5.2

TopDrip 20, 1.6l/h, W.T 0.9-1.2mm, ID 17.7										
Espaçamento entre Gotejadores										
Comp. Lateral (m)	0.15	0.2	0.3	0.4	0.5	0.6	0.75	0.8	0.9	1
20	0.1									
40	0.6	0.3	0.1	0.1						
60	2.1	1.0	0.4	0.2	0.1	0.1	0.1	0.1		
80	4.8	2.3	0.9	0.5	0.3	0.2	0.1	0.1	0.1	0.1
100	9.3	4.5	1.7	0.9	0.5	0.4	0.2	0.2	0.2	0.1
120	15.8	7.7	2.9	1.5	0.9	0.6	0.4	0.3	0.3	0.2
140	25.0	12.0	4.5	2.3	1.4	1.0	0.6	0.5	0.4	0.3
160		17.8	6.7	3.4	2.1	1.4	0.9	0.8	0.6	0.5
180		25.1	9.4	4.8	2.9	2.0	1.2	1.1	0.8	0.7
200			12.8	6.5	4.0	2.7	1.7	1.5	1.1	0.9
220			16.9	8.6	5.2	3.5	2.2	1.9	1.5	1.2
240			21.7	11.1	6.7	4.5	2.8	2.4	1.9	1.5
260			27.4	14.0	8.5	5.7	3.5	3.1	2.4	1.9
280				17.4	10.5	7.0	4.4	3.8	3.0	2.4
300				21.3	12.8	8.6	5.3	4.7	3.6	2.9
320				25.6	15.5	10.4	6.4	5.6	4.4	3.5
340					18.4	12.4	7.7	6.7	5.2	4.2
360					21.8	14.6	9.0	7.9	6.2	4.9
380					25.5	17.0	10.5	9.2	7.2	5.8
400						19.8	12.2	10.7	8.3	6.7
420						22.7	14.1	12.3	9.6	7.7
440						26.0	16.1	14.0	10.9	8.8
460							18.3	15.9	12.5	10.0
480							20.7	18.0	14.1	11.3
500							23.3	20.3	15.8	12.7

TopDrip 20, 2.0l/h, W.T 0.9-1.2mm, ID 17.7										
Espaçamento entre Gotejadores										
Comp. Lateral (m)	0.15	20	30	40	50	60	75	80	90	100
20	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
40	1	0.6	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
60	2.9	1.6	0.7	0.4	0.3	0.2	0.1	0.1	0.1	0.1
80	6.2	3.4	1.5	0.8	0.5	0.4	0.3	0.2	0.2	0.2
100	11.2	6.1	2.7	1.5	1	0.7	0.5	0.4	0.3	0.3
120	18.2	9.9	4.3	2.4	1.5	1.1	0.7	0.6	0.5	0.4
140		15	6.5	3.7	2.3	1.6	1.1	1	0.8	0.6
160		21.6	9.4	5.3	3.4	2.4	1.5	1.4	1.1	0.8
180			12.9	7.2	4.6	3.3	2.1	1.9	1.5	1.2
200			17.2	9.7	6.2	4.3	2.8	2.5	2	1.6
220			22.3	12.5	8	5.6	3.6	3.2	2.6	2.1
240				15.9	10.2	7.1	4.6	4.1	3.2	2.6
260				19.8	12.7	8.9	5.8	5.1	4	3.3
280				24.3	15.6	10.9	7	6.2	4.9	4
300					18.8	13.2	8.5	7.5	6	4.9
320					22.5	15.7	10.2	9	7.2	5.8
340						18.6	12	10.6	8.5	6.9
360						21.8	14.1	12.4	9.9	8.1
380						25.3	16.4	14.5	11.6	9.4
400							18.9	16.7	13.3	10.8
420							21.7	19.1	15.2	12.4
440							24.7	21.7	17.3	14.1
460								24.6	19.7	16
480									22.1	18
500									24.5	20.2

