

1800 PCS Performance

	Flow (gpm) m ³ /h (l/m)	PCS-008 0.08 0.01 (12) Beige		PCS-010 0.1 0.02 (36) Purple		PCS-020 0.2 0.05 (60) Brown		PCS-025 0.25 0.06 (72) Pink		PCS-030 0.3 0.07 (84) Silver		PCS-040 0.4 0.09 (108) Orange		PCS-060 0.6 0.14 (144) Black		PCS-090 0.9 0.20 (216) White		PCS-125 1.25 0.28 (288) Green		PCS-175 1.75 0.40 (396) Yellow		PCS-260 2.6 0.59 (576) Blue		PCS-370 3.7 0.84 (828) Red	
		feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters
U-8Q	3	(0.9)	4	(1.2)	6	(1.8)	7	(2.1)																	
U-8T			1	(0.3)	4	(1.2)	5	(1.5)																	
U-8H			1	(0.3)	4	(1.2)	5	(1.5)																	
U-8F									1	(0.3)	3	(0.9)	7	(2.1)											
U-10Q	2	(0.6)	3	(0.9)	5	(1.5)	6	(1.8)	10'	(3.1)															
U-10T			2	(0.6)	4	(1.2)	4	(1.2)	8	(2.4)	10'	(3.1)													
U-10H									5	(1.5)	6	(1.8)	8	(2.4)	9	(2.7)									
U-10F													4	(1.2)	9	(2.7)	10	(3.0)							
U-12Q				2'	(0.6)	4	(1.2)	7'	(2.1)	12'	(3.7)														
U-12T							2	(0.6)	6'	(1.8)	8'	(2.4)	12'	(3.7)											
U-12H								3'	(0.9)	4'	(1.2)	7'	(2.1)	11'	(3.4)	12'	(3.7)								
U-12TT												6'	(1.8)	9'	(2.7)	11'	(3.4)	12'	(3.7)						
U-12TQ												5'	(1.5)	8'	(2.4)	12'	(3.7)								
U-12F										3'	(0.9)	6'	(1.8)	8'	(2.4)	9'	(2.7)	11'	(3.4)	12'	(3.7)				
U-15Q						3'	(0.9)	6'	(1.8)	11'	(3.4)	15'	(4.6)												
U15T												10'	(3.1)	13'	(4.0)	14'	(4.3)	15'	(4.6)						
U-15H							2'	(0.6)	3'	(0.9)	5'	(1.5)	9'	(2.7)	12'	(3.7)	15'	(4.6)							
U15TT															11'	(3.4)	12'	(3.7)	13'	(4.0)	14'	(4.3)			
U15TQ															9'	(2.7)	11'	(3.4)	13'	(4.0)	14'	(4.3)			
U-15F												4'	(1.2)	6'	(1.8)	7'	(2.1)	10'	(3.1)	13'	(4.0)	15'	(4.6)		
4 (90°)				1'	(0.3)			3'	(0.9)	4'	(1.2)														
4 (180°)						1'	(0.3)	2'	(0.6)	3'	(0.9)	4'	(1.2)												
4 (270°)								1'	(0.3)	2'	(0.6)	4'	(1.2)												
4 (330°)								1'	(0.3)	2'	(0.6)	4'	(1.2)												
6 (90°)						2'	(0.6)	3'	(0.9)	6'	(1.8)														
6 (180°)								2'	(0.6)	4'	(1.2)	6'	(1.8)												
6 (270°)								0.5'	(0.2)	1'	(0.3)	3'	(0.9)	6'	(1.8)										
6 (330°)								0.5'	(0.2)	1'	(0.3)	3'	(0.9)	6'	(1.8)										
8 (90°)								1'	(0.3)	3'	(0.9)	8'	(2.4)												
8 (180°)								0.5'	(0.2)	2'	(0.6)	4'	(1.2)	8'	(2.4)										
8 (270°)										0.5'	(0.2)	3'	(0.9)	5'	(1.5)	8'	(2.4)								
8 (330°)										0.5'	(0.2)	3'	(0.9)	5'	(1.5)	8'	(2.4)								
10 (90°)								3'	(0.9)	5'	(1.5)	10'	(3.1)												
10 (180°)										1'	(0.3)	5'	(1.5)	7'	(2.1)	10'	(3.1)								
10 (270°)										1'	(0.3)	4'	(1.2)	6'	(1.8)	9'	(2.7)	10'	(3.1)						
10 (360°)								0.5'	(0.2)	1'	(0.3)	4'	(1.2)	6'	(1.8)	8'	(2.4)	10'	(3.1)						
12 (90°)				3'	(0.9)			8'	(2.4)	10'	(3.1)	12'	(3.7)												
12 (180°)								1'	(0.3)	2'	(0.6)	5'	(1.5)	8'	(2.4)	12'	(3.7)								
12 (270°)								0.5'	(0.2)	1'	(0.3)	3'	(0.9)	6'	(1.8)	8'	(2.4)	12'	(3.7)						
12 (360°)										1'	(0.3)	3'	(0.9)	5'	(1.5)	7'	(2.1)	12'	(3.7)						
15 (90°)								2'	(0.6)	5'	(1.5)	11'	(3.4)	15'	(4.6)										
15 (180°)								1'	(0.3)	3'	(0.9)	6'	(1.8)	9'	(2.7)	12'	(3.7)	15'	(4.6)						
15 (270°)														6'	(1.8)	8'	(2.4)	15'	(4.6)						
15 (360°)																8'	(2.4)	12'	(3.7)	14'	(4.3)	15'	(4.6)		
18 (90°)								0.5'	(0.2)	2'	(0.6)	6'	(1.8)	12'	(3.7)	17'	(5.2)	18'	(5.5)						
18 (180°)										1'	(0.3)	3'	(0.9)	5'	(1.5)	9'	(2.7)	16'	(4.9)	18'	(5.5)				
18 (270°)										0.5'	(0.2)	1'	(0.3)	3'	(0.9)	5'	(1.5)	11'	(3.4)	15'	(4.6)	18'	(5.5)		
18 (330°)										0.5'	(0.2)	1'	(0.3)	3'	(0.9)	4'	(1.2)	9'	(2.7)	12'	(3.7)	15'	(4.6)		

Bold green type indicates recommended nozzle/screen combination to achieve catalog performance at 30 psi (2.1 bar)

Bold blue type indicates satisfactory nozzle/screen combination

Black type indicates a nozzle/screen combination that provides a throw reduction of more than 50%. With these nozzle/screen combinations a uniform spray pattern is not assured and a bubbler effect may result

Note: Screens were tested at 50 psi (3.5 bar) for 10 minutes prior to taking distance measurements. Distances may vary slightly with higher pressures and longer run-times
Note: Refer to catalog notation for proper nozzle selection

1800 PCS Performance

Spray Bodies

Distance	PCS-008		PCS-010		PCS-020		PCS-025		PCS-030		PCS-040		PCS-060		PCS-090		PCS-125		PCS-175		PCS-260		PCS-370		
	Flow (gpm)	0.08	0.1	0.2	0.25	0.3	0.4	0.6	0.9	1.25	1.75	2.6	3.7	m ³ /h (l/m)	0.01 (12)	0.02 (36)	0.05 (60)	0.06 (72)	0.07 (84)	0.09 (108)	0.14 (144)	0.20 (216)	0.28 (288)	0.40 (396)	0.59 (576)
Color	Beige	Purple	Brown	Pink	Silver	Orange	Black	White	Green	Yellow	Blue	Red													
feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters
5Q		5'	(1.5)																						
5T		5'	(1.5)																						
5H		4'	(1.2)	5'	(1.5)	6'	(1.8)																		
5F								5'	(1.5)																
8Q		4'	(1.2)	8'	(2.4)	10'	(3.1)																		
8T				6'	(1.8)	6.5'	(2.0)	7'	(2.1)	8'	(2.4)														
8H				5'	(1.5)	6'	(1.8)	7'	(2.1)	8'	(2.4)														
8F								2'	(0.6)	3'	(0.9)	8'	(2.4)												
10Q		2'	(0.6)	6'	(1.8)	8'	(2.4)	8'	(2.4)	10'	(3.1)														
10T				4'	(1.2)	5'	(1.5)	9'	(2.7)	10'	(3.1)														
10H				3'	(0.9)	4'	(1.2)	6'	(1.8)	8'	(2.4)	10'	(3.1)												
10F									1'	(0.3)	4'	(1.2)	8'	(2.4)	10'	(3.1)									
12Q				3'	(0.9)	7'	(2.1)	8'	(2.4)	11'	(3.4)	12'	(3.7)												
12T				2'	(0.6)	4'	(1.2)	6'	(1.8)	10'	(3.1)	11'	(3.4)	12'	(3.7)										
12H								4'	(1.2)	6'	(1.8)	10'	(3.1)	12'	(3.7)										
12TT								2'	(0.6)	4'	(1.2)	6'	(1.8)	9'	(2.7)	12'	(3.7)								
12TQ								2'	(0.6)	3'	(0.9)	6'	(1.8)	8'	(2.4)	10'	(3.1)	12'	(3.7)						
12F									2'	(0.6)	5'	(1.5)	7'	(2.1)	8'	(2.4)	12'	(3.7)							
15Q			3'	(0.9)	4'	(1.2)	5'	(1.5)	9'	(2.7)	12'	(3.7)	15'	(4.6)											
15T					2'	(0.6)	5'	(1.5)	7'	(2.1)	12'	(3.7)	14'	(4.3)	15'	(4.6)									
15H							3'	(0.9)	4'	(1.2)	7'	(2.1)	11'	(3.4)	15'	(4.6)									
15TT							1'	(0.3)	2'	(0.6)	4'	(1.2)	8'	(2.4)	10'	(3.1)	13'	(4.0)	15'	(4.6)					
15TQ													6'	(1.8)	8'	(2.4)	14'	(4.3)	15'	(4.6)					
15F													4'	(1.2)	6'	(1.8)	10'	(3.1)	12'	(3.7)	15'	(4.6)			
5Q-B			2'	(0.6)	3'	(0.9)	4'	(1.2)	5'	(1.5)															
5H-B							1'	(0.3)	2'	(0.6)	5'	(1.5)													
5F-B									1'	(0.3)	2'	(0.6)	3'	(0.9)	5'	(1.5)									
5CST-B			1'	(0.3)	2'	(0.6)	3'	(0.9)	5'	(1.5)															
9SST																	7' x 12'	(2.1 x 3.7)	9' x 18'	(2.7 x 5.5)	9' x 18'	(2.7 x 5.5)			
15CST																	4' x 12'	(1.2 x 3.7)	4' x 24'	(1.2 x 7.3)	4' x 30'	(1.2 x 9.1)	4' x 30'	(1.2 x 9.1)	
15SST																	2' x 10'	(0.6 x 3.1)	3' x 20'	(0.9 x 6.1)	4' x 26'	(1.2 x 7.9)	4' x 30'	(1.2 x 9.1)	
15EST																	3' x 12'	(0.9 x 3.7)	4' x 15'	(1.2 x 4.6)					
15LCS			1' x 5'	(0.3 x 1.5)	1' x 7'	(0.3 x 2.1)	1' x 12'	(0.3 x 3.7)																	
15RCS			1' x 5'	(0.3 x 1.5)	1' x 7'	(0.3 x 2.1)	1' x 12'	(0.3 x 3.7)																	

MPR

Bubbler

Strip

Bold green type indicates recommended nozzle/screen combination to achieve catalog performance at 30 psi (2.1 bar)

Bold blue type indicates satisfactory nozzle/screen combination

Black type indicates a nozzle/screen combination that provides a throw reduction of more than 50%. With these nozzle/screen combinations a uniform spray pattern is not assured and a bubbler effect may result

Note: Screens were tested at 50 psi (3.5 bar) for 10 minutes prior to taking distance measurements. Distances may vary slightly with higher pressures and longer run-times
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