

1800 PCS Performance

Flow (gpm) m ³ /h (l/m)	PCS-020 (Brown) 0.2 0.05 (60)		PCS-025 (Pink) 0.25 0.06 (72)		PCS-030 (Silver) 0.3 0.07 (84)		PCS-040 (Orange) 0.4 0.09 (108)		PCS-060 (Black) 0.6 0.14 (144)	
	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters
Distance										
U-Series										
U-8Q	6	(1.8)	7	(2.1)						
U-8H	4	(1.2)	5	(1.5)						
U-8F					1	(0.3)	3	(0.9)	7	(2.1)
U-10Q	5	(1.5)	6	(1.8)	10'	(3.1)				
U-10H					5	(1.5)	6	(1.8)	8	(2.4)
U-10F									4	(1.2)
U-12Q					7'	(2.1)	12'	(3.7)		
U-12H	2'	(0.6)	4	(1.2)	3'	(0.9)	4'	(1.2)	7'	(2.1)
U-12F							3'	(0.9)	6'	(1.8)
U-15Q					6'	(1.8)	11'	(3.4)	15'	(4.6)
U-15H			3'	(0.9)	2'	(0.6)	3'	(0.9)	5'	(1.5)
U-15F									4'	(1.2)
VAN										
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 (330°)					0.5'	(0.2)	1'	(0.3)	3'	(0.9)
8 (90°)					1'	(0.3)	3'	(0.9)	8'	(2.4)
8 (180°)					0.5'	(0.2)	2'	(0.6)	4'	(1.2)
8 (270°)							0.5'	(0.2)	3'	(0.9)
8 (330°)							0.5'	(0.2)	3'	(0.9)
10 (90°)					3'	(0.9)	5'	(1.5)	10'	(3.1)
10 (180°)							1'	(0.3)	5'	(1.5)
10 (270°)							1'	(0.3)	4'	(1.2)
10 (360°)					0.5'	(0.2)	1'	(0.3)	4'	(1.2)
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)
12 (270°)					0.5'	(0.2)	1'	(0.3)	3'	(0.9)
12 (360°)							1'	(0.3)	3'	(0.9)
15 (90°)					2'	(0.6)	5'	(1.5)	11'	(3.4)
15 (180°)					1'	(0.3)	3'	(0.9)	6'	(1.8)
15 (270°)										
15 (360°)										
18 (90°)					0.5'	(0.2)	2'	(0.6)	6'	(1.8)
18 (180°)							1'	(0.3)	3'	(0.9)
18 (270°)							0.5'	(0.2)	1'	(0.3)
18 (330°)							0.5'	(0.2)	1'	(0.3)
MPR										
5Q										
5T										
5H	5'	(1.5)	6'	(1.8)						
5F					5'	(1.5)				
8Q	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	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)
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)
12H					4'	(1.2)	6'	(1.8)	10'	(3.1)
12TT					2'	(0.6)	4'	(1.2)	6'	(1.8)
12TQ					2'	(0.6)	3'	(0.9)	6'	(1.8)
12F							2'	(0.6)	5'	(1.5)
15Q	3'	(0.9)	4'	(1.2)	5'	(1.5)	9'	(2.7)	12'	(3.7)
15T			2'	(0.6)	5'	(1.5)	7'	(2.1)	12'	(3.7)
15H					3'	(0.9)	4'	(1.2)	7'	(2.1)
15TT					1'	(0.3)	2'	(0.6)	4'	(1.2)
15TQ										
15F										
Bubbler										
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)
5CST-B	1'	(0.3)	2	(0.6)	3'	(0.9)	5'	(1.5)		
9SST										
15CST							4' x 12'	(1.2 x 3.7)	4' x 24'	(1.2 x 7.3)
15SST							2' x 10'	(0.6 x 3.1)	3' x 20'	(0.9 x 6.1)
15EST							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)				

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