1800 PCS Performance

	Flow (gpm) / m³/h (l/m) / Color	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	
	Distance	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters
U-Series	U-8Q	**6**	**(1.8)**	**7**	**(2.1)**								
U-Series	U-8T	**4**	**(1.2)**	**5**	**(1.5)**								
U-Series	U-8H	**4**	**(1.2)**	**5**	**(1.5)**								
U-Series	U-8F					1	(0.3)	3	(0.9)	**7**	**(2.1)**		
U-Series	U-10Q	**5**	**(1.5)**	**6**	**(1.8)**	**10'**	**(3.1)**						
U-Series	U-10T	4	(1.2)	4	(1.2)	**8**	**(2.4)**	**10'**	**(3.1)**				
U-Series	U-10H					**5**	**(1.5)**	**6**	**(1.8)**	**8**	**(2.4)**	**9**	**(2.7)**
U-Series	U-10F									4	(1.2)	**9**	**(2.7)**
U-Series	U-12Q	2'	(0.6)	4	(1.2)	**7'**	**(2.1)**	**12'**	**(3.7)**				
U-Series	U-12T			2	(0.6)	**6'**	**(1.8)**	**8'**	**(2.4)**	**12'**	**(3.7)**		
U-Series	U-12H					3'	(0.9)	4'	(1.2)	**7'**	**(2.1)**	**11'**	**(3.4)**
U-Series	U-12TT									**6'**	**(1.8)**	**9'**	**(2.7)**
U-Series	U-12TQ									5'	(1.5)	**8'**	**(2.4)**
U-Series	U-12F							3'	(0.9)	**6'**	**(1.8)**	**8'**	**(2.4)**
U-Series	U-15Q			3'	(0.9)	6'	(1.8)	**11'**	**(3.4)**	**15'**	**(4.6)**		
U-Series	U15T									**10'**	**(3.1)**	**13'**	**(4.0)**
U-Series	U-15H					2'	(0.6)	3'	(0.9)	5'	(1.5)	**9'**	**(2.7)**
U-Series	U15TT												
U-Series	U15TQ												
U-Series	U-15F									4'	(1.2)	6'	(1.8)
VAN	4 (90°)	1'	(0.3)			**3'**	**(0.9)**	**4'**	**(1.2)**				
VAN	4 (180°)			1'	(0.3)	**2'**	**(0.6)**	**3'**	**(0.9)**	**4'**	**(1.2)**		
VAN	4 (270°)					1'	(0.3)	**2'**	**(0.6)**	**4'**	**(1.2)**		
VAN	4 (330°)					1'	(0.3)	**2'**	**(0.6)**	**4'**	**(1.2)**		
VAN	6 (90°)			2'	(0.6)	**3'**	**(0.9)**	**6'**	**(1.8)**				
VAN	6 (180°)					2'	(0.6)	**4'**	**(1.2)**	**6'**	**(1.8)**		
VAN	6 (270°)					0.5'	(0.2)	1'	(0.3)	**3'**	**(0.9)**	**6'**	**(1.8)**
VAN	6 (330°)					0.5'	(0.2)	1'	(0.3)	**3'**	**(0.9)**	**6'**	**(1.8)**
VAN	8 (90°)					1'	(0.3)	3'	(0.9)	**8'**	**(2.4)**		
VAN	8 (180°)					0.5'	(0.2)	2'	(0.6)	**4'**	**(1.2)**	**8'**	**(2.4)**
VAN	8 (270°)							0.5'	(0.2)	3'	(0.9)	**5'**	**(1.5)**
VAN	8 (330°)							0.5'	(0.2)	3'	(0.9)	**5'**	**(1.5)**
VAN	10 (90°)					3'	(0.9)	**5'**	**(1.5)**	**10'**	**(3.1)**		
VAN	10 (180°)							1'	(0.3)	**5'**	**(1.5)**	**7'**	**(2.1)**
VAN	10 (270°)							1'	(0.3)	**4'**	**(1.2)**	**6'**	**(1.8)**
VAN	10 (360°)					0.5'	(0.2)	1'	(0.3)	4'	(1.2)	**6'**	**(1.8)**
VAN	12 (90°)	3'	(0.9)			**8'**	**(2.4)**	**10'**	**(3.1)**	**12'**	**(3.7)**		
VAN	12 (180°)					1'	(0.3)	2'	(0.6)	5'	(1.5)	**8'**	**(2.4)**
VAN	12 (270°)					0.5'	(0.2)	1'	(0.3)	3'	(0.9)	**6'**	**(1.8)**
VAN	12 (360°)							1'	(0.3)	3'	(0.9)	5'	(1.5)
VAN	15 (90°)					2'	(0.6)	5'	(1.5)	**11'**	**(3.4)**	**15'**	**(4.6)**
VAN	15 (180°)					1'	(0.3)	3'	(0.9)	6'	(1.8)	**9'**	**(2.7)**
VAN	15 (270°)											6'	(1.8)
VAN	15 (360°)												
VAN	18 (90°)					0.5'	(0.2)	2'	(0.6)	6'	(1.8)	**12'**	**(3.7)**
VAN	18 (180°)							1'	(0.3)	3'	(0.9)	5'	(1.5)
VAN	18 (270°)							0.5'	(0.2)	1'	(0.3)	3'	(0.9)
VAN	18 (330°)							0.5'	(0.2)	1'	(0.3)	3'	(0.9)

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

	Flow (gpm) / m³/h (l/m) / Color	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	
	Distance	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters	feet	meters
MPR	5Q												
MPR	5T												
MPR	5H	**5'**	**(1.5)**	**6'**	**(1.8)**								
MPR	5F					**5'**	**(1.5)**						
MPR	8Q	**8'**	**(2.4)**	**10'**	**(3.1)**								
MPR	8T	**6'**	**(1.8)**	**6.5'**	**(2.0)**	**7'**	**(2.1)**	**8'**	**(2.4)**				
MPR	8H	**5'**	**(1.5)**	**6'**	**(1.8)**	**7'**	**(2.1)**	**8'**	**(2.4)**				
MPR	8F					2'	(0.6)	3'	(0.9)	**8'**	**(2.4)**		
MPR	10Q	**6'**	**(1.8)**	**8'**	**(2.4)**	**8'**	**(2.4)**	**10'**	**(3.1)**				
MPR	10T	4'	(1.2)	**5'**	**(1.5)**	**9'**	**(2.7)**	**10'**	**(3.1)**				
MPR	10H	3'	(0.9)	4'	(1.2)	**6'**	**(1.8)**	**8'**	**(2.4)**	**10'**	**(3.1)**		
MPR	10F							1'	(0.3)	4'	(1.2)	**8'**	**(2.4)**
MPR	12Q	3'	(0.9)	**7'**	**(2.1)**	**8'**	**(2.4)**	**11'**	**(3.4)**	**12'**	**(3.7)**		
MPR	12T	2'	(0.6)	4'	(1.2)	**6'**	**(1.8)**	**10'**	**(3.1)**	**11'**	**(3.4)**	**12'**	**(3.7)**
MPR	12H					4'	(1.2)	**6'**	**(1.8)**	**10'**	**(3.1)**	**12'**	**(3.7)**
MPR	12TT					2'	(0.6)	4'	(1.2)	**6'**	**(1.8)**	**9'**	**(2.7)**
MPR	12TQ					2'	(0.6)	3'	(0.9)	**6'**	**(1.8)**	**8'**	**(2.4)**
MPR	12F							2'	(0.6)	5'	(1.5)	**7'**	**(2.1)**
MPR	15Q	3'	(0.9)	4'	(1.2)	5'	(1.5)	**9'**	**(2.7)**	**12'**	**(3.7)**	**15'**	**(4.6)**
MPR	15T			2'	(0.6)	5'	(1.5)	7'	(2.1)	**12'**	**(3.7)**	**14'**	**(4.3)**
MPR	15H					3'	(0.9)	4'	(1.2)	7'	(2.1)	**11'**	**(3.4)**
MPR	15TT					1'	(0.3)	2'	(0.6)	4'	(1.2)	**8'**	**(2.4)**
MPR	15TQ											6'	(1.8)
MPR	15F											4'	(1.2)
Bubbler	5Q-B	2'	(0.6)	**3**	**(0.9)**	**4'**	**(1.2)**	**5'**	**(1.5)**				
Bubbler	5H-B					1'	(0.3)	2'	(0.6)	**5'**	**(1.5)**		
Bubbler	5F-B							1'	(0.3)	2'	(0.6)	**3'**	**(0.9)**
Bubbler	5CST-B	1'	(0.3)	2	(0.6)	**3'**	**(0.9)**	**5'**	**(1.5)**				
Strip	9SST											**7' x 12'**	**(2.1 x 3.7)**
Strip	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)**
Strip	15SST							**2' x 10'**	**(0.6x 3.1)**	**3' x 20'**	**(0.9 x 6.1)**	**4' x 26'**	**(1.2 x 7.9)**
Strip	15EST					**3' x 12'**	**(0.9 x 3.7)**	**4' x 15'**	**(1.2 x 4.6)**				
Strip	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)**						
Strip	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*