

GPH Pressure
Compensating

GPH Irrigation PCS Performance as tested on Rainbird™ Nozzles

	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)			
		Distance		Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
		Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
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	2'	(0.6)	4	(1.2)	7'	(2.1)	12'	(3.7)				
	U-12H					3'	(0.9)	4'	(1.2)	7'	(2.1)		
	U-12F							3'	(0.9)	6'	(1.8)		
	U-15Q			3'	(0.9)	6'	(1.8)	11'	(3.4)	15'	(4.6)		
	U-15H					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°)								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												
Strip	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												
	15LCS	1' x	(0.3 x 1.5)	1' x 7'	(0.3 x 2.1)	1' x 12'	(0.3 x 3.7)	4' x 15'	(1.2 x 4.6)				
	15RCS	1' x	(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 stated performance at 30 psi (2.1 bar)
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Bold blue type indicates satisfactory nozzle/screen

Black type indicates a nozzle/screen combination that provides a throw reduction of more than 50%. With these nozzle/screen combinations a uniform spray

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