

















U8 Series					
10° Trajectory					
Nozzle	Pressure psi	Radius ft.	Flow gpm	■ Precip In/h	▲ Precip In/h
U-8F 	15	5	0.74	2.07	2.39
	20	6	0.86	2.01	2.32
	25	7	0.96	1.62	1.87
	30	8	1.05	1.58	1.83
U-8H 	15	5	0.37	2.07	2.39
	20	6	0.42	2.01	2.32
	25	7	0.47	1.62	1.87
	30	8	0.52	1.58	1.83
U-8T 	15	5	0.25	2.07	2.39
	20	6	0.29	2.01	2.32
	25	7	0.32	1.62	1.87
	30	8	0.35	1.58	1.83
U-8Q 	15	5	0.18	2.07	2.39
	20	6	0.21	2.01	2.32
	25	7	0.24	1.62	1.87
	30	8	0.26	1.58	1.83

U8 Series						METRIC
10° Trajectory						
Nozzle	Pressure bar	Radius m	Flow m³/h	Flow l/m	■ Precip mm/h	▲ Precip mm/h
U-8F 	1.0	1.7	0.16	2.8	52	60
	1.5	2.1	0.20	3.4	47	55
	2.0	2.4	0.23	3.9	41	48
	2.1	2.4	0.24	4.0	40	46
U-8H 	1.0	1.7	0.08	1.4	52	60
	1.5	2.1	0.10	1.7	47	55
	2.0	2.4	0.12	1.9	41	48
	2.1	2.4	0.12	2.0	40	46
U-8T 	1.0	1.7	0.05	0.9	52	60
	1.5	2.1	0.07	1.1	47	55
	2.0	2.4	0.08	1.3	41	48
	2.1	2.4	0.08	1.3	40	46
U-8Q 	1.0	1.7	0.04	0.7	52	60
	1.5	2.1	0.05	0.8	47	55
	2.0	2.4	0.06	1.0	41	48
	2.1	2.4	0.06	1.0	40	46

U10 Series					
12° Trajectory					
Nozzle	Pressure psi	Radius ft.	Flow gpm	■ Precip In/h	▲ Precip In/h
U-10F 	15	7	1.16	2.07	2.39
	20	8	1.34	2.01	2.32
	25	9	1.50	1.62	1.87
	30	10	1.64	1.58	1.83
U-10H 	15	7	0.58	2.07	2.39
	20	8	0.67	2.01	2.32
	25	9	0.75	1.62	1.87
	30	10	0.82	1.58	1.83
U-10T 	15	7	0.39	2.07	2.39
	20	8	0.45	2.01	2.32
	25	9	0.50	1.62	1.87
	30	10	0.55	1.58	1.83
U-10Q 	15	7	0.29	2.07	2.39
	20	8	0.33	2.01	2.32
	25	9	0.37	1.62	1.87
	30	10	0.41	1.58	1.83

U10 Series						METRIC
12° Trajectory						
Nozzle	Pressure bar	Radius m	Flow m³/h	Flow l/m	■ Precip mm/h	▲ Precip mm/h
U-10F 	1.0	2.1	0.26	4.4	52	60
	1.5	2.6	0.30	5.3	47	55
	2.0	3.0	0.34	6.1	41	48
	2.1	3.1	0.37	6.2	40	46
U-10H 	1.0	2.1	0.13	2.2	52	60
	1.5	2.6	0.15	2.6	47	55
	2.0	3.0	0.17	3.1	41	48
	2.1	3.1	0.19	3.1	40	46
U-10T 	1.0	2.1	0.09	1.5	52	60
	1.5	2.6	0.10	1.8	47	55
	2.0	3.0	0.11	2.0	41	48
	2.1	3.1	0.12	2.1	40	46
U-10Q 	1.0	2.1	0.07	1.1	52	60
	1.5	2.6	0.08	1.3	47	55
	2.0	3.0	0.08	1.5	41	48
	2.1	3.1	0.09	1.6	40	46

Note: All U-Series nozzles tested on 4" (10.2 cm) pop-ups







■ Square spacing based on 50% diameter of throw







▲ Triangular spacing based on 50% diameter of throw

Performance data taken in zero wind conditions

Radius refers to recommended product spacing. Actual radii along arc may vary

Spray Nozzles

U12 Series						
23° Trajectory						
Nozzle	Pressure psi	Radius ft.	Flow gpm	■ Precip In/h	▲ Precip In/h	
U-12F 	15	9	1.80	2.14	2.47	
	20	10	2.10	2.02	2.34	
	25	11	2.40	1.91	2.21	
	30	12	2.60	1.74	2.01	
U-12TQ 	15	9	1.35	2.14	2.47	
	20	10	1.58	2.02	2.34	
	25	11	1.80	1.91	2.21	
	30	12	1.95	1.74	2.01	
U-12TT 	15	9	1.20	2.14	2.47	
	20	10	1.40	2.02	2.34	
	25	11	1.60	1.91	2.21	
	30	12	1.74	1.74	2.01	
U-12H 	15	9	0.90	2.14	2.47	
	20	10	1.05	2.02	2.34	
	25	11	1.20	1.91	2.21	
	30	12	1.30	1.74	2.01	
U-12T 	15	9	0.60	2.14	2.47	
	20	10	0.70	2.02	2.34	
	25	11	0.80	1.91	2.21	
	30	12	0.87	1.74	2.01	
U-12Q 	15	9	0.45	2.14	2.47	
	20	10	0.53	2.02	2.34	
	25	11	0.60	1.91	2.21	
	30	12	0.65	1.74	2.01	

U12 Series						METRIC	
23° Trajectory							
Nozzle	Pressure bar	Radius m	Flow m ³ /h	Flow l/m	■ Precip mm/h	▲ Precip mm/h	
U-12F 	1.0	2.7	0.40	6.8	55	63	
	1.5	3.2	0.48	8.3	47	54	
	2.0	3.6	0.59	9.7	46	53	
	2.1	3.7	0.60	9.8	44	51	
U-12TQ 	1.0	2.7	0.30	5.1	55	63	
	1.5	3.2	0.36	6.3	47	54	
	2.0	3.6	0.45	7.3	46	53	
	2.1	3.7	0.45	7.4	44	51	
U-12TT 	1.0	2.7	0.26	4.5	55	63	
	1.5	3.2	0.32	5.6	47	54	
	2.0	3.6	0.40	6.5	46	53	
	2.1	3.7	0.40	6.6	44	51	
U-12H 	1.0	2.7	0.20	3.4	55	63	
	1.5	3.2	0.24	4.2	47	54	
	2.0	3.6	0.30	4.8	46	53	
	2.1	3.7	0.30	4.9	44	51	
U-12T 	1.0	2.7	0.13	2.3	55	63	
	1.5	3.2	0.16	2.8	47	54	
	2.0	3.6	0.20	3.2	46	53	
	2.1	3.7	0.20	3.3	44	51	
U-12Q 	1.0	2.7	0.10	1.7	55	63	
	1.5	3.2	0.12	2.1	47	54	
	2.0	3.6	0.15	2.4	46	53	
	2.1	3.7	0.15	2.5	44	51	

Note: All U-Series nozzles tested on 4" (10.2 cm) pop-ups

■ Square spacing based on 50% diameter of throw







▲ Triangular spacing based on 50% diameter of throw







Performance data taken in zero wind conditions

Radius refers to recommended product spacing. Actual radii along arc may vary



U-Series Nozzle

U15 Series					
23° Trajectory					
Nozzle	Pressure psi	Radius ft.	Flow gpm	■ Precip In/h	▲ Precip In/h
U-15F 	15	11	2.60	2.07	2.39
	20	12	3.00	2.01	2.32
	25	14	3.30	1.62	1.87
	30	15	3.70	1.58	1.83
U-15TQ 	15	11	1.95	2.07	2.39
	20	12	2.25	2.01	2.32
	25	14	2.48	1.62	1.87
	30	15	2.78	1.58	1.83
U-15TT 	15	11	1.74	2.07	2.39
	20	12	2.01	2.01	2.32
	25	14	2.21	1.62	1.87
	30	15	2.48	1.58	1.83
U-15H 	15	11	1.30	2.07	2.39
	20	12	1.50	2.01	2.32
	25	14	1.65	1.62	1.87
	30	15	1.85	1.58	1.83
U-15T 	15	11	0.87	2.07	2.39
	20	12	1.00	2.01	2.32
	25	14	1.10	1.62	1.87
	30	15	1.23	1.58	1.83
U-15Q 	15	11	0.65	2.07	2.39
	20	12	0.75	2.01	2.32
	25	14	0.82	1.62	1.87
	30	15	0.92	1.58	1.83

U15 Series					METRIC	
23° Trajectory						
Nozzle	Pressure bar	Radius m	Flow m³/h	Flow l/m	■ Precip mm/h	▲ Precip mm/h
U-15F 	1.0	3.4	0.60	9.8	52	60
	1.5	3.9	0.72	11.8	47	55
	2.0	4.5	0.84	13.7	41	48
	2.1	4.6	0.84	14.0	40	46
U-15TQ 	1.0	3.4	0.45	7.4	52	60
	1.5	3.9	0.54	8.8	47	55
	2.0	4.5	0.63	10.3	41	48
	2.1	4.6	0.63	10.5	40	46
U-15TT 	1.0	3.4	0.40	6.6	52	60
	1.5	3.9	0.48	7.9	47	55
	2.0	4.5	0.55	9.2	41	48
	2.1	4.6	0.56	9.4	40	46
U-15H 	1.0	3.4	0.30	4.9	52	60
	1.5	3.9	0.36	5.9	47	55
	2.0	4.5	0.42	6.9	41	48
	2.1	4.6	0.42	7.0	40	46
U-15T 	1.0	3.4	0.20	3.3	52	60
	1.5	3.9	0.24	3.9	47	55
	2.0	4.5	0.28	4.6	41	48
	2.1	4.6	0.28	4.7	40	46
U-15Q 	1.0	3.4	0.15	2.5	52	60
	1.5	3.9	0.18	2.9	47	55
	2.0	4.5	0.21	3.4	41	48
	2.1	4.6	0.21	3.5	40	46

Note: All U-Series nozzles tested on 4" (10.2 cm) pop-ups

■ Square spacing based on 50% diameter of throw

▲ Triangular spacing based on 50% diameter of throw

Performance data taken in zero wind conditions

Radius refers to recommended product spacing. Actual radii along arc may vary



U-Series nozzles offer better, more uniform water distribution. Water flowing from both orifices combines to form a continuous water stream. Eliminates gaps for more uniform coverage throughout the entire watering area