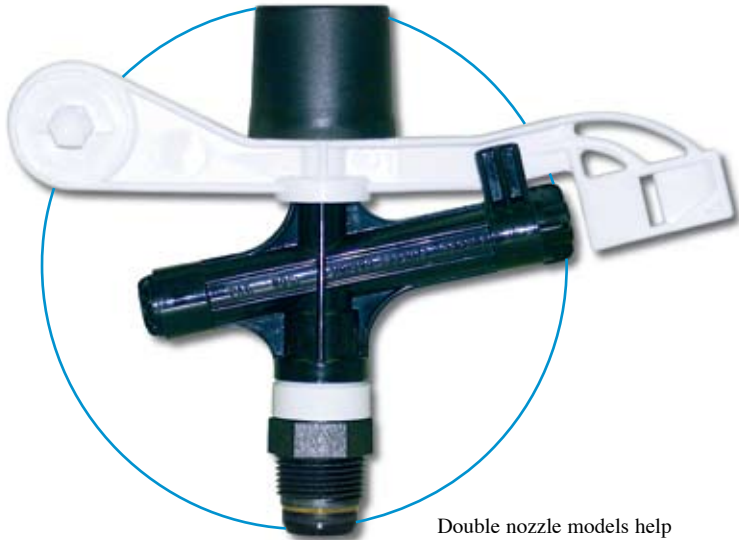


40series [Impacts]

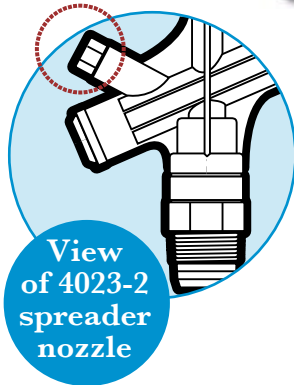


The 40 Series full-circle impacts are designed for maximum efficiency at intermediate flows.

FEATURES:

- Single and double nozzle designs available. Double nozzle only available in 23° model.
- Two trajectories available:
12° ideal for undertree irrigation
23° for maximum throw on overhead systems
- Wide range of nozzle and vane combinations for excellent distribution at all pressures
- Built-in hex wrench for easy in-the-field maintenance
- Standard lower bearing pipe thread:
3/4" M NPT (female also available)
- Flow rates: 3.82 to 12.6 gpm [868 to 2862 L/hr]
- Two-year warranty on materials, workmanship AND performance
- Color-coded nozzles for easy size identification; warranted to maintain correct orifice size for five years

Double nozzle models help maximize uniformity.



4012-1

Sprinkler Base Pressure [psi]	30	35	40	45	50	55	60	[bar]	2.07	2.41	2.76	3.10	3.45	3.79	4.14
#10 Nozzle - Turquoise [5/32"]								#10 Nozzle - Turquoise [3.97mm]							
Flow [gpm]	3.82	4.13	4.41	4.68	4.93	5.17	5.40	Flow [L/hr]	868	938	1002	1063	1120	1174	1226
Diam. at 1.5' ht. [ft.]	73	77	80	83	86	89	91	Diam. at 0.46m ht. [m]	22.3	23.5	24.4	25.3	26.2	27.1	27.7
#11 Nozzle - Yellow [11/64"]								#11 Nozzle - Yellow [4.37mm]							
Flow [gpm]	4.63	5.00	5.34	5.67	5.98	6.27	6.55	Flow [L/hr]	1052	1136	1213	1288	1358	1424	1488
Diam. at 1.5' ht. [ft.]	76	80	83	86	89	92	94	Diam. at 0.46m ht. [m]	23.2	24.4	25.3	26.2	27.1	28.0	28.7
#12 Nozzle - Red [3/16"]								#12 Nozzle - Red [4.76mm]							
Flow [gpm]	5.52	5.97	6.37	6.76	7.13	7.48	7.81	Flow [L/hr]	1254	1356	1447	1535	1619	1699	1774
Diam. at 1.5' ht. [ft.]	78	82	85	88	91	94	96	Diam. at 0.46m ht. [m]	23.8	25.0	25.9	26.8	27.7	28.7	29.3
#13 Nozzle - White [13/64"]								#13 Nozzle - White [5.16mm]							
Flow [gpm]	6.50	7.02	7.49	7.95	8.38	8.80	9.19	Flow [L/hr]	1476	1594	1701	1806	1903	1999	2087
Diam. at 1.5' ht. [ft.]	80	84	87	90	93	96	98	Diam. at 0.46m ht. [m]	24.4	25.6	26.5	27.4	28.3	29.3	29.9
#14 Nozzle - Blue [7/32"]								#14 Nozzle - Blue [5.56mm]							
Flow [gpm]	7.49	8.09	8.63	9.17	9.66	10.1	10.6	Flow [L/hr]	1701	1837	1960	2083	2194	2294	2408
Diam. at 1.5' ht. [ft.]	82	86	89	93	96	99	101	Diam. at 0.46m ht. [m]	25.0	26.2	27.1	28.3	29.3	30.2	30.8

Sprinkler performance may vary with actual field conditions. Diameters shown are for standard straight bore nozzles and stream straightening vanes. Other nozzles and/or vane combinations are available; Consult factory for specific performance data. Stream heights range from 6.5-10.0 ft. [2.0-3.1m] above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft. [0.46m].

Impacts] 40series

4023-1

Sprinkler Base Pressure [psi]								[bar]							
	30	35	40	45	50	55	60		2.07	2.41	2.76	3.10	3.45	3.79	4.14
#10 Nozzle - Turquoise [5/32"]								#10 Nozzle - Turquoise [3.97mm]							
Flow [gpm]	3.82	4.13	4.41	4.68	4.93	5.17	5.40	Flow [L/hr]	868	938	1002	1063	1120	1174	1226
Diam. at 1.5' ht. [ft.]	86	89	91	93	95	96	97	Diam. at 0.46m ht. [m]	26.2	27.1	27.7	28.3	29.0	29.3	29.6
Diam. at 6.0' ht. [ft.]	92	94	96	97	98	99	100	Diam. at 1.83m ht. [m]	28.0	28.7	29.3	29.6	29.9	30.2	30.5
#11 Nozzle - Yellow [11/64"]								#11 Nozzle - Yellow [4.37mm]							
Flow [gpm]	4.63	5.00	5.34	5.67	5.98	6.27	6.55	Flow [L/hr]	1052	1136	1213	1288	1358	1424	1488
Diam. at 1.5' ht. [ft.]	89	92	94	96	98	99	100	Diam. at 0.46m ht. [m]	27.1	28.0	28.7	29.3	29.9	30.2	30.5
Diam. at 6.0' ht. [ft.]	94	96	98	100	102	103	104	Diam. at 1.83m ht. [m]	28.7	29.3	29.9	30.5	31.1	31.4	31.7
#12 Nozzle - Red [3/16"]								#12 Nozzle - Red [4.76mm]							
Flow [gpm]	5.52	5.97	6.37	6.76	7.13	7.48	7.81	Flow [L/hr]	1254	1356	1447	1535	1619	1699	1774
Diam. at 1.5' ht. [ft.]	92	95	97	99	101	102	103	Diam. at 0.46m ht. [m]	28.0	29.0	29.6	30.2	30.8	31.1	31.4
Diam. at 6.0' ht. [ft.]	97	99	101	103	105	107	108	Diam. at 1.83m ht. [m]	29.6	30.2	30.8	31.4	32.0	32.6	32.9
#13 Nozzle - White [13/64"]								#13 Nozzle - White [5.16mm]							
Flow [gpm]	6.50	7.02	7.49	7.95	8.38	8.80	9.19	Flow [L/hr]	1476	1594	1701	1806	1903	1999	2087
Diam. at 1.5' ht. [ft.]	94	97	99	101	103	104	105	Diam. at 0.46m ht. [m]	28.7	29.6	30.2	30.8	31.4	31.7	32.0
Diam. at 6.0' ht. [ft.]	100	103	106	109	112	115	117	Diam. at 1.83m ht. [m]	30.5	31.4	32.3	33.2	34.1	35.1	35.7
#14 Nozzle - Blue [7/32"]								#14 Nozzle - Blue [5.56mm]							
Flow [gpm]	7.49	8.09	8.63	9.17	9.66	10.1	10.6	Flow [L/hr]	1701	1837	1960	2083	2194	2294	2408
Diam. at 1.5' ht. [ft.]	96	99	101	103	105	106	107	Diam. at 0.46m ht. [m]	29.3	30.2	30.8	31.4	32.0	32.3	32.6
Diam. at 6.0' ht. [ft.]	102	106	110	114	118	122	125	Diam. at 1.83m ht. [m]	31.1	32.3	33.5	34.7	36.0	37.2	38.1

4023-2

Sprinkler Base Pressure [psi]								[bar]							
	30	35	40	45	50	55	60		2.07	2.41	2.76	3.10	3.45	3.79	4.14
10x6 #10 Range Noz.-Turquoise [5/32"] x #6 Spreader Noz. [3/32"]								10x6 #10 Range Noz.-Turquoise [3.97mm] x #6 Spreader Noz. [2.38mm]							
Flow [gpm]	5.25	5.67	6.07	6.43	6.78	7.11	7.43	Flow [L/hr]	1192	1288	1379	1460	1540	1615	1688
Diam. at 1.5' ht. [ft.]	86	89	91	93	95	96	97	Diam. at 0.46m ht. [m]	26.2	27.1	27.7	28.3	29.0	29.3	29.6
Diam. at 6.0' ht. [ft.]	92	94	96	97	98	99	100	Diam. at 1.83m ht. [m]	28.0	28.7	29.3	29.6	29.9	30.2	30.5
11x6 #11 Range Noz.-Yellow [11/64"] x #6 Spreader Noz. [3/32"]								11x6 #11 Range Noz. - Yellow [4.37mm] x #6 Spreader Noz. [2.38mm]							
Flow [gpm]	6.10	6.59	7.05	7.47	7.88	8.26	8.63	Flow [L/hr]	1385	1497	1601	1697	1790	1876	1960
Diam. at 1.5' ht. [ft.]	89	92	94	96	98	99	100	Diam. at 0.46m ht. [m]	27.1	28.0	28.7	29.3	29.9	30.2	30.5
Diam. at 6.0' ht. [ft.]	94	96	98	100	102	103	104	Diam. at 1.83m ht. [m]	28.7	29.3	29.9	30.5	31.1	31.4	31.7
12x6 #12 Range Noz.-Red [3/16"] x #6 Spreader Noz. [3/32"]								12x6 #12 Range Noz.-Red [4.76mm] x #6 Spreader Noz. [2.38mm]							
Flow [gpm]	6.89	7.54	8.07	8.55	9.02	9.46	9.88	Flow [L/hr]	1565	1713	1833	1942	2049	2149	2244
Diam. at 1.5' ht. [ft.]	92	95	97	99	101	102	103	Diam. at 0.46m ht. [m]	28.0	29.0	29.6	30.2	30.8	31.1	31.4
Diam. at 6.0' ht. [ft.]	97	99	101	103	105	107	108	Diam. at 1.83m ht. [m]	29.6	30.2	30.8	31.4	32.0	32.6	32.9
13x6 #13 Range Noz.-White [13/64"] x #6 Spreader Noz. [3/32"]								13x6 #13 Range Noz.-White [5.16mm] x #6 Spreader Noz. [2.38mm]							
Flow [gpm]	7.93	8.57	9.16	9.72	10.2	10.7	11.2	Flow [L/hr]	1801	1946	2080	2208	2317	2430	2544
Diam. at 1.5' ht. [ft.]	94	97	99	101	103	104	105	Diam. at 0.46m ht. [m]	28.7	29.6	30.2	30.8	31.4	31.7	32.0
Diam. at 6.0' ht. [ft.]	100	103	106	109	112	115	117	Diam. at 1.83m ht. [m]	30.5	31.4	32.3	33.2	34.1	35.1	35.7
14x6 #14 Range Noz.-Blue [7/32"] x #6 Spreader Noz. [3/32"]								14x6 #14 Range Noz.-Blue [5.56mm] x #6 Spreader Noz. [2.38mm]							
Flow [gpm]	8.90	9.62	10.3	10.9	11.5	12.1	12.6	Flow [L/hr]	2021	2185	2339	2476	2612	2748	2862
Diam. at 1.5' ht. [ft.]	96	99	101	103	105	106	107	Diam. at 0.46m ht. [m]	29.3	30.2	30.8	31.4	32.0	32.3	32.6
Diam. at 6.0' ht. [ft.]	102	106	110	114	118	122	125	Diam. at 1.83m ht. [m]	31.1	32.3	33.5	34.7	36.0	37.2	38.1

Sprinkler performance may vary with actual field conditions. Diameters shown are for standard straight bore nozzles and stream straightening vanes. Other nozzles and/or vane combinations are available; Consult factory for specific performance data. Stream heights range from 6.5-10.0 ft. [2.0-3.1m] above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft. [0.46m].