

Compact Impact

The Compact Impact's splasharm diffuser splits the stream, distributing water more uniformly over the wetted area. It emulates dual nozzle performance without the clogging potential often found with smaller secondary nozzles.



The diffuser distributes some of the flow closer to the sprinkler for better uniformity of application.



FEATURES

- 23° trajectory for maximum throw
- Connections: 3/4" NPT male or 3/4" NPT female
- Flow rates: 3.08 to 7.13 gpm (700 to 1619 L/hr)
- Operating pressures: 30 to 50 psi (2.07 to 3.45 bar)
- Two-year warranty on materials, workmanship and performance
- Color-coded nozzles for easy size identification. Warranted to maintain correct orifice size for five years



CONVENIENT HAND TIGHT NOZZLES!

No tools required with the easy change/easy clean nozzle and vane combination. Half size and square orifice nozzles also available.



Splasharm top view

VIEWS OF DISTRIBUTION

Stream driven applicators typically provide good throw distance, but their distinct streams place most of the flow in a relatively small area when compared to the Compact Impact. This model wets a larger area with lower instantaneous application intensity, preserving soil structure and infiltration capability.

STANDARD IMPACT



COMPACT IMPACT



The Compact Impact distributes the same amount of water more uniformly than a single stream driven applicator.

COMPACT IMPACT SPRINKLER BASE PRESSURE-US

COMPACT IMPACT SPRINKLER BASE PRESSURE-US	psi					SPRINKLER BASE PRESSURE-METRIC	bar				
	30	35	40	45	50		2.07	2.41	2.76	3.10	3.45
#9 Nozzle - Grey (9/64")						#9 Nozzle - Grey (3.57 mm)					
Flow (gpm)	3.08	3.33	3.56	3.78	3.98	Flow (L/hr)	700	756	809	859	904
Diameter at 1.5 ft ht (ft)	78	78	82	86	86	Diameter at 0.46 m ht (m)	24	24	25	26	26
Diameter at 3.0 ft ht (ft)	84	86	87	88	90	Diameter at 0.91 m ht (m)	26	26	27	27	27
#10 Nozzle - Turquoise (5/32")						#10 Nozzle - Turquoise (3.97 mm)					
Flow (gpm)	3.82	4.13	4.41	4.68	4.93	Flow (L/hr)	868	938	1002	1063	1120
Diameter at 1.5 ft ht (ft)	80	82	82	86	88	Diameter at 0.46 m ht (m)	24	25	25	26	27
Diameter at 3.0 ft ht (ft)	86	87	89	91	92	Diameter at 0.91 m ht (m)	26	27	27	28	28
#11 Nozzle - Yellow (11/64")						#11 Nozzle - Yellow (4.37 mm)					
Flow (gpm)	4.63	5.00	5.34	5.67	5.98	Flow (L/hr)	1052	1136	1213	1288	1358
Diameter at 1.5 ft ht (ft)	82	82	86	88	90	Diameter at 0.46 m ht (m)	25	25	26	27	27
Diameter at 3.0 ft ht (ft)	88	89	92	94	95	Diameter at 0.91 m ht (m)	27	27	28	29	29
#12 Nozzle - Red (3/16")						#12 Nozzle - Red (4.76 mm)					
Flow (gpm)	5.52	5.97	6.37	6.76	7.13	Flow (L/hr)	1254	1356	1447	1535	1619
Diameter at 1.5 ft ht (ft)	83	87	90	92	96	Diameter at 0.46 m ht (m)	25	27	27	28	29
Diameter at 3.0 ft ht (ft)	89	91	94	97	98	Diameter at 0.91 m ht (m)	27	28	29	30	30

Sprinkler performance may vary with field conditions. Stream heights range from 7.7 to 10.1 ft (2.3 to 3.1 m) above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).