

NEW!

Compact Impact™

20 Series 3/4" NPT

Unique splasharm diffuser provides excellent distribution!

The Compact Impact's splasharm diffuser emulates dual nozzle performance without clogging potential often found with smaller secondary nozzles.

Features

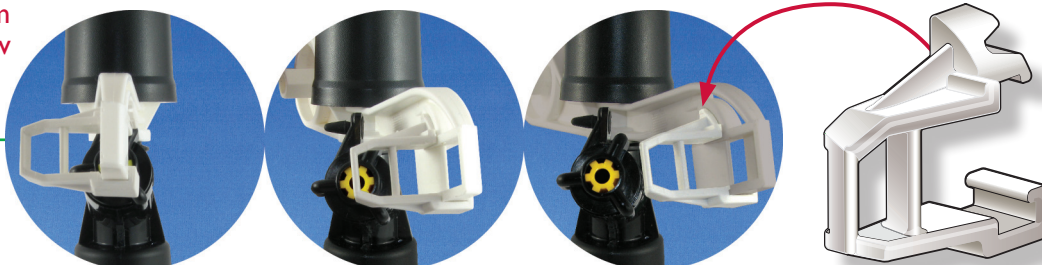
- 23 degree trajectory for maximum throw
- Flow rates: 3.08 to 7.13 gpm [700 to 1619 L/hr]
- Connection: 3/4" M NPT or 3/4" F NPT
- Ideal replacement for old brass sprinklers
- Color-coded nozzles for easy size identification, warranted to maintain correct orifice size for five years
- Two-year warranty on materials, workmanship and performance



Actual size

Now with
3/4"
M or F
BASE

Splasharm
front view



Compact Impact™ 2023 with diffuser

Sprinkler Base Pressure [psi]						Sprinkler Base Pressure [bar]					
30						2.07					
35						2.42					
40						2.76					
45						3.11					
50						3.45					
#9 Nozzle - Grey [9/64"]						#9 Nozzle - Grey [3.57mm]					
Flow [gpm]	3.08	3.33	3.56	3.78	3.98	Flow [L/hr]	700	756	809	859	904
Diameter at 1.5' ht. [ft.]	78	78	82	86	86	Diameter at 0.5m ht. [m]	24	24	25	26	26
Diameter at 3.0' ht. [ft.]	84	86	87	88	90	Diameter at 0.9m ht. [m]	26	26	27	27	27
#10 Nozzle - Turquoise [5/32"]						#10 Nozzle - Turquoise [3.97mm]					
Flow [gpm]	3.82	4.13	4.41	4.68	4.93	Flow [L/hr]	868	938	1002	1063	1120
Diameter at 1.5' ht. [ft.]	80	82	82	86	88	Diameter at 0.5m ht. [m]	24	25	25	26	27
Diameter at 3.0' ht. [ft.]	86	87	89	91	92	Diameter at 0.9m ht. [m]	26	27	27	28	28
#11 Nozzle - Yellow [11/64"]						#11 Nozzle - Yellow [4.37mm]					
Flow [gpm]	4.63	5.00	5.34	5.67	5.98	Flow [L/hr]	1052	1136	1213	1288	1358
Diameter at 1.5' ht. [ft.]	82	82	86	88	90	Diameter at 0.5m ht. [m]	25	25	26	27	27
Diameter at 3.0' ht. [ft.]	88	89	92	94	95	Diameter at 0.9m ht. [m]	27	27	28	29	29
#12 Nozzle - Red [3/16"]						#12 Nozzle - Red [4.76mm]					
Flow [gpm]	5.52	5.97	6.37	6.76	7.13	Flow [L/hr]	1254	1356	1447	1535	1619
Diameter at 1.5' ht. [ft.]	83	87	90	92	96	Diameter at 0.5m ht. [m]	25	27	27	28	29
Diameter at 3.0' ht. [ft.]	89	91	94	97	98	Diameter at 0.9m ht. [m]	27	28	29	30	30

Sprinkler performance may vary with field conditions. Diameters shown for standard stream straightening vane (white). Other nozzles and/or vane combinations are available, consult factory for specific performance data. Stream heights range from 7.7 - 10.1 ft [2.3 - 3.1 m] above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft [0.5 m]. Also available in 1/2" NPT model.

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 offers uniform coverage. This means it wets a much larger area with a much lower instantaneous application intensity, preserving soil structure and infiltration capability.

Compact Impact

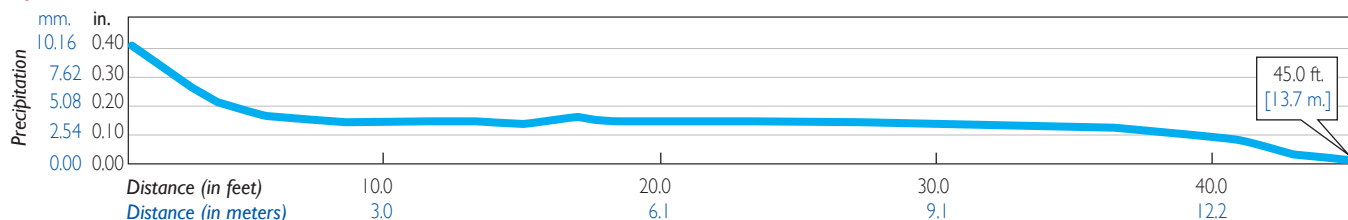


Standard Impact



In this example, the Compact Impact distributes the same amount of water more uniformly than a single stream-driven applicator.

Sprinkler Profile



The Compact Impact with diffuser allows it to throw water as far as other stream driven applicators but with a more constant profile. (This example: 30 psi [2.07 bar], 18 in. [45.72 cm] height, 3/16" [4.76 mm] nozzle, flow 5.52 gpm [1254 L/hr] in no-wind conditions.)