

20B-ADJ

Full-Circle Impact Sprinkler

Primary Applications:

1/2" (15/21) riser-mounted impact head used for slope or large, non-turf-area applications.

Features and Benefits:

- Proven impact drive.
- Straight-through flow for superior performance in dirty water.
- Distance-control diffuser pin allows up to 25% radius reduction without changing nozzles.
- Rugged brass construction.

Models:

- 20B-ADJ

Specifications:

- Precipitation Rate: 0.16 to 0.39 inches per hour (4 to 10 mm/h)
- Radius: 38 to 41 feet (11,6 to 12,5 m)
- Pressure: 30 to 70 psi (2,1 to 4,8 Bars)
- Flow: 2.4 to 5.9 GPM (0,54 to 1,34 m³/h; 0,15 to 0,37 l/s)
- 1/2" (15/21) male threaded inlet.
- For 10 nozzle at normal operating pressure, the highest point of stream is 7 feet (2,1 m) above nozzle.
- Nozzles: 08, 09, 10



Performance Charts

20B-ADJ

English					
Pressure (psi)	Nozzle	Radius (ft.)	Flow (GPM)	Precipitation (In/h) ■	Precipitation (In/h) ▲
30	8	38	2.4	0.16	0.18
	9	39	3.1	0.2	0.23
	10 *	39	3.8	0.24	0.28
40	8	39	2.9	0.18	0.21
	9	40	3.6	0.22	0.25
	10 *	40	4.4	0.26	0.31
50	8	40	3.2	0.19	0.22
	9	41	4	0.23	0.26
	10 *	41	5	0.29	0.33
60	8	40	3.6	0.22	0.25
	9	41	4.4	0.25	0.29
	10 *	41	5.5	0.32	0.36
70	8	40	3.9	0.23	0.27
	9	41	4.8	0.27	0.32
	10 *	41	5.9	0.34	0.39

Metric						
Pressure (Bars)	Nozzle	Radius (m)	Flow (m³/h)	Flow (l/s)	Precipitation (mm/h) ■	Precipitation (mm/h) ▲
2,1	8	11,6	0,54	0,15	4	5
	9	11,9	0,70	0,20	5	6
	10 *	11,9	0,86	0,24	6	7
2,5	8	11,8	0,61	0,17	4	5
	9	12,1	0,77	0,21	5	6
	10 *	12,1	0,95	0,26	6	7
3,0	8	11,9	0,67	0,19	5	5
	9	12,2	0,84	0,23	6	7
	10 *	12,2	1,04	0,29	7	8
3,5	8	12,0	0,73	0,20	5	6
	9	12,3	0,91	0,25	6	7
	10 *	12,3	1,13	0,31	7	9
4,0	8	12,1	0,79	0,22	5	6

	9	12,4	0,98	0,27	6	7
	10 *	12,4	1,21	0,34	8	9
4,5	8	12,2	0,85	0,24	6	7
	9	12,5	1,05	0,29	7	8
	10 *	12,5	1,30	0,36	8	10
4,8	8	12,2	0,89	0,25	6	7
	9	12,5	1,09	0,30	7	8
	10 *	12,5	1,34	0,37	9	10

Precipitation Rates based on half-circle operation.

■ Square spacing based on 50% diameter of throw.

▲ Triangular spacing based on 50% diameter of throw.

* Standard Nozzle Size

Optimum water distribution achieved at 40 to 70 psi (2,8 to 4,8 Bars).

Performance data collected in zero wind conditions.