

20ADJB

½" (15/21) Riser-Mounted Impact Head Used for Slope or Non-Turf-Area Applications

- Flexibility – Straight-through flow for superior performance in dirty water
- Reliability – Proven impact drive
- Durability – Rugged brass construction

Features

- Distance-control diffuser pin allows up to 25% radius reduction without changing nozzles

Operating Range

- 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 bar)
- Flow: 2.4 to 5.9 gpm (0.54 to 1.34 m³/h; 9.0 to 22.2 l/m)

Specifications

- ½" (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

Model

- 20ADJB



20ADJB

20ADJB Performance

Pressure psi	Nozzle	Radius ft.	Flow gpm	■ Precip In/h	▲ Precip In/h
30	08	38	2.4	0.16	0.18
	09	39	3.1	0.20	0.23
	10 *	39	3.8	0.24	0.28
40	08	39	2.9	0.18	0.21
	09	40	3.6	0.22	0.25
	10 *	40	4.4	0.26	0.31
50	08	40	3.2	0.19	0.22
	09	41	4.0	0.23	0.26
	10 *	41	5.0	0.29	0.33
60	08	40	3.6	0.22	0.25
	09	41	4.4	0.25	0.29
	10 *	41	5.5	0.32	0.36
70	08	40	3.9	0.23	0.27
	09	41	4.8	0.27	0.32
	10 *	41	5.9	0.34	0.39

20ADJB Performance

Pressure bar	Nozzle	Radius m	Flow m ³ /h	Flow l/m	METRIC	
					■ Precip mm/h	▲ Precip mm/h
2.1	8	11.6	0.54	9.0	4	5
	9	11.9	0.70	12.0	5	6
	10 *	11.9	0.86	14.4	6	7
2.5	8	11.8	0.61	10.2	4	5
	9	12.1	0.77	12.6	5	6
	10 *	12.1	0.95	15.6	6	7
3.0	8	11.9	0.67	11.4	5	5
	9	12.2	0.84	13.8	6	7
	10 *	12.2	1.04	17.4	7	8
3.5	8	12.0	0.73	12.0	5	6
	9	12.3	0.91	15.0	6	7
	10 *	12.3	1.13	18.6	7	9
4.0	8	12.1	0.79	13.2	5	6
	9	12.4	0.98	16.2	6	7
	10 *	12.4	1.21	20.4	8	9
4.5	8	12.2	0.85	14.4	6	7
	9	12.5	1.05	17.4	7	8
	10 *	12.5	1.30	21.6	8	10
4.8	8	12.2	0.89	15.0	6	7
	9	12.5	1.09	18.0	7	8
	10 *	12.5	1.34	22.2	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 50 psi (2.8 to 3.5 bar)

Performance data collected in zero wind conditions

Performance data derived from tests that conform with ASAE Standards; ASAE S398.1. See page 224 for complete ASAE Test Certification Statement.