

## Maxi-Paw™ 2045A Rotor

### Closed-Case Impact Sprinkler

The Maxi-Paw's powerful throw permits maximum spacing and offers superior close-in watering and uniform water distribution. Low pressure loss and an efficient, straight-through flow design conserve energy and are ideal for dirty water applications. The optional Seal-A-Matic™ prevents run-off, puddling, and erosion caused by low head drainage. And most important, it's rugged and dependable, popping up on schedule again and again because of the multi-function wiper seal.

The Maxi-Paw™ Rotor—a tradition of excellence.

#### Features

- Five interchangeable, color-coded MPR nozzles
- Two interchangeable low-angle (LA) nozzles
- No tools required to change nozzles
- Heavy-duty plastic case with sturdy, reinforced ribbed design
- Double-weighted arm for slower rotation and increased distance of throw
- Self-flushing inner trip with improved inner trip lever
- Powerful reverse action
- Adjustable arm spring for low-pressure and low-gallage operation
- Energy efficient, low-pressure and low-gallage operation
- Proven impact drive
- Straight-through flow
- Full-circle or adjustable arc 20° to 340°
- Precision Jet Tube (PJ™)
- Hooded bearing
- Distance controller diffuser pin
- Multi-function, pressure-activated wiper seal
- FP trip for full- or part-circle operation
- Inlet filter screen
- Combination 1/2" (15/21) or 3/4" (20/27) bottom inlet
- Serviceable through the top of the case
- Optional internal Seal-A-Matic™ (SAM) prevents puddling and erosion caused by low head drainage and saves water

#### Operating Range

- Precipitation Rate: 0.18 to 0.79 inches per hour (5 to 20 mm/h)
- Spacing: 22 to 50 feet (6,7 to 12,2 m)
- Flow rate: 1.5 to 8.4 gpm (0,01 to 0,52 l/s; 0,36 to 1,86 m³/h)
- Radius: 22 to 45 feet (6,7 to 13,7 m)
- Pressure: 25 to 60 psi (2,0 to 4,5 bar)

#### Specifications

- Combination 1/2" (15/21) or 3/4" (20/27) female bottom inlet
- 1/2" (15/21) female side inlet
- Nozzles: 06-red; 07-black; 08-blue; 10-yellow; 12-beige
- LA nozzles: 07LA-black; 10LA-yellow
- Nozzle outlet trajectory is 23°
- LA nozzle outlet trajectory is 11°
- Side inlet installation is not recommended in freezing climates
- Optional SAM feature holds back up to 10 feet (3,1 m) of elevation change

#### Dimensions

- Overall height: 9 3/10" (23,6 cm)
- Top diameter: 5" (12,7 cm)

#### Models

- 2045A Maxi-Paw™
- 2045A Maxi-Paw-SAM

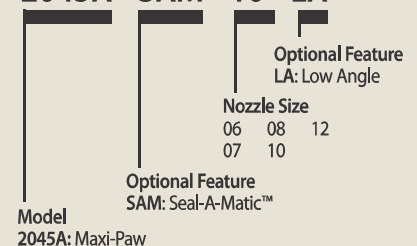
#### Available Nozzles

- Standard trajectory
  - 06, 07, 08, 10, 12
- Low angle
  - 07LA, 10LA



#### How To Specify

### 2045A - SAM - 10 - LA



Maxi-Paw™ / Maxi-Paw SAM Performance					
Pressure psi	Nozzle	Radius ft.	Flow gpm	■ Precip In/h	▲ Precip In/h
25	● 06	-	-	-	-
	● 07 LA	22	1.5	0.60	0.69
	● 07	32	2.2	0.41	0.48
	● 08	35	2.8	0.44	0.51
	● 10 LA	25	3.4	1.05	1.21
	● 10	38	4.2	0.56	0.65
35	● 12	39	5.5	0.70	0.80
	● 06	37	2.0	0.28	0.32
	● 07 LA	23	1.9	0.69	0.80
	● 07	37	2.7	0.38	0.44
	● 08	38	3.3	0.44	0.51
	● 10 LA	29	4.0	0.92	1.06
45	● 10	41	4.8	0.55	0.64
	● 12	42	6.3	0.69	0.79
	● 06	38	2.3	0.31	0.35
	● 07 LA	25	2.1	0.65	0.75
	● 07	39	3.0	0.38	0.44
	● 08	40	3.7	0.45	0.51
55	● 10 LA	31	4.5	0.90	1.04
	● 10	42	5.4	0.59	0.68
	● 12	44	7.1	0.71	0.82
	● 06	38	2.5	0.33	0.39
	● 07 LA	25	2.3	0.71	0.82
	● 07	41	3.3	0.38	0.44
60	● 08	41	4.1	0.47	0.54
	● 10 LA	32	5.0	0.94	1.09
	● 10	43	6.0	0.62	0.72
	● 12	45	7.9	0.75	0.87
	● 06	38	2.6	0.35	0.40
	● 07 LA	25	2.4	0.74	0.85
	● 07	41	3.5	0.40	0.46
	● 08	42	4.2	0.46	0.53
	● 10 LA	32	5.4	1.02	1.17
	● 10	44	6.4	0.64	0.74
	● 12	45	8.4	0.80	0.92

Maxi-Paw™ / Maxi-Paw SAM Performance						METRIC
Pressure bar	Nozzle	Radius m	Flow m <sup>3</sup> /h	Flow l/m	■ Precip mm/h	▲ Precip mm/h
2.0	● 6	-	-	-	-	-
	● 07 LA	6.8	0.38	6.0	16	19
	● 7	10.4	0.55	9.0	10	12
	● 8	11.0	0.68	11.4	11	13
	● 10 LA	8.1	0.83	13.8	25	29
	● 10	11.9	1.01	16.8	14	16
2.5	● 12	12.3	1.32	22.2	18	20
	● 6	11.3	0.46	7.8	7	8
	● 07 LA	7.1	0.44	7.2	17	20
	● 7	11.4	0.62	10.2	10	11
	● 8	11.7	0.76	12.6	11	13
	● 10 LA	8.9	0.92	15.6	23	27
3.0	● 10	12.5	1.11	18.6	14	16
	● 12	12.9	1.45	24.0	18	20
	● 6	11.5	0.51	8.4	8	9
	● 07 LA	7.5	0.47	7.8	17	19
	● 7	11.8	0.67	11.4	10	11
	● 8	12.1	0.83	13.8	11	13
3.5	● 10 LA	9.4	1.01	16.8	23	27
	● 10	12.8	1.21	20.4	15	17
	● 12	13.3	1.59	26.4	18	21
	● 6	11.6	0.55	9.0	8	9
	● 07 LA	7.6	0.50	8.4	17	20
	● 7	12.2	0.72	12.0	10	11
4.0	● 8	12.4	0.89	15.0	12	13
	● 10 LA	9.6	1.09	18.0	23	27
	● 10	13.0	1.30	21.6	15	18
	● 12	13.6	1.72	28.8	19	21
	● 6	11.6	0.58	9.6	9	10
	● 07 LA	7.6	0.54	9.0	18	21
	● 7	12.5	0.78	13.2	10	11
	● 8	12.7	0.94	15.6	12	14
	● 10 LA	9.8	1.19	19.8	25	29
	● 10	13.3	1.42	23.4	16	19
	● 12	13.7	1.86	31.2	20	23

Precipitation rates based on half-circle operation  
 ■ Square spacing based on 50% diameter of throw  
 ▲ Triangular spacing based on 50% diameter of throw

Performance data collected in zero wind conditions  
 Performance data derived from tests that conform with ASAE Standards; ASAE S398.1.



2045A Maxi-Paw Nozzles