

TRAVIS ALUMINUM "Y" FILTERS



50 GPM
Rating is with the lowest flow screen with no head loss.



200 PSI Max
Working pressure.

3/4" NPT Flush Port

Parts on Page 4

1 1/4" NPT FILTER

SIZE	DESIGNATION
W/O Screen	21000
150 Mesh	21M150
120 Mesh	21M120
80 Mesh	21M80
40 Mesh	21020
1/32"	21032
3/64"	21050
1/16"	21062
3/32"	21093
1/8"	21125
3/16"	21188
1/4"	21250

80 GPM
Rating is with the lowest flow screen with no head loss.



200 PSI Max
Working pressure.

3/4" NPT Flush Port

Parts on Page 4

2" NPT FILTER

SIZE	DESIGNATION
W/O Screen	22000
150 Mesh	22M150
120 Mesh	22M120
80 Mesh	22M80
40 Mesh	22020
1/32"	22032
3/64"	22050
1/16"	22062
3/32"	22093
1/8"	22125
3/16"	22188
1/4"	22250

REPLACEMENT SCREENS FOR 1 1/4" & 2" FILTERS



1 1/4" SCREENS		2" SCREENS
HOLE SIZE	DESIGNATION	DESIGNATION
150 Mesh	1M150	2M150
120 Mesh	1M120	2M120
80 Mesh	1M80	2M80
40 Mesh	1020	2020
1/32"	1032	2032
3/64"	1050	2050
1/16"	1062	2062
3/32"	1093	2093
1/8"	1125	2125
3/16"	1188	2188
1/4"	1250	2250

Product of: **TRAVIS PATTERN & FOUNDRY INC., SPOKANE, WASHINGTON**

Prices: SUBJECT TO CHANGE WITHOUT NOTICE

FAX: (509) 467-6465 - PHONE: (509) 466-3545



TRAVIS ALUMINUM "Y" FILTERS



150 GPM

Rating is with the lowest flow screen with no head loss.



125 PSI Max
Working pressure.

1" NPT Flush Port

Parts on Page 4

3" NPT FILTER

SIZE	DESIGNATION
W/O Screen	23000
150 Mesh	23M150
120 Mesh	23M120
80 Mesh	23M80
40 Mesh	23020
1/32"	23032
3/64"	23050
1/16"	23062
3/32"	23093
1/8"	23125
3/16"	23188
1/4"	23250

280 GPM

Rating is with the lowest flow screen with no head loss.



150 PSI Max
Working pressure.

1 1/4" NPT Flush Port

Parts on Page 4

4" NPT FILTER

SIZE	DESIGNATION
W/O Screen	24000
150 Mesh	24M150
120 Mesh	24M120
80 Mesh	24M80
40 Mesh	24020
1/32"	24032
3/64"	24050
1/16"	24062
3/32"	24093
1/8"	24125
3/16"	24188
1/4"	24250

REPLACEMENT SCREENS FOR 3" & 4" FILTERS



3" SCREENS		4" SCREENS
HOLE SIZE	DESIGNATION	DESIGNATION
150 Mesh	3M150	4M150
120 Mesh	3M120	4M120
80 Mesh	3M80	4M80
40 Mesh	3020	4020
1/32"	3032	4032
3/64"	3050	4050
1/16"	3062	4062
3/32"	3093	4093
1/8"	3125	4125
3/16"	3188	4188
1/4"	3250	4250

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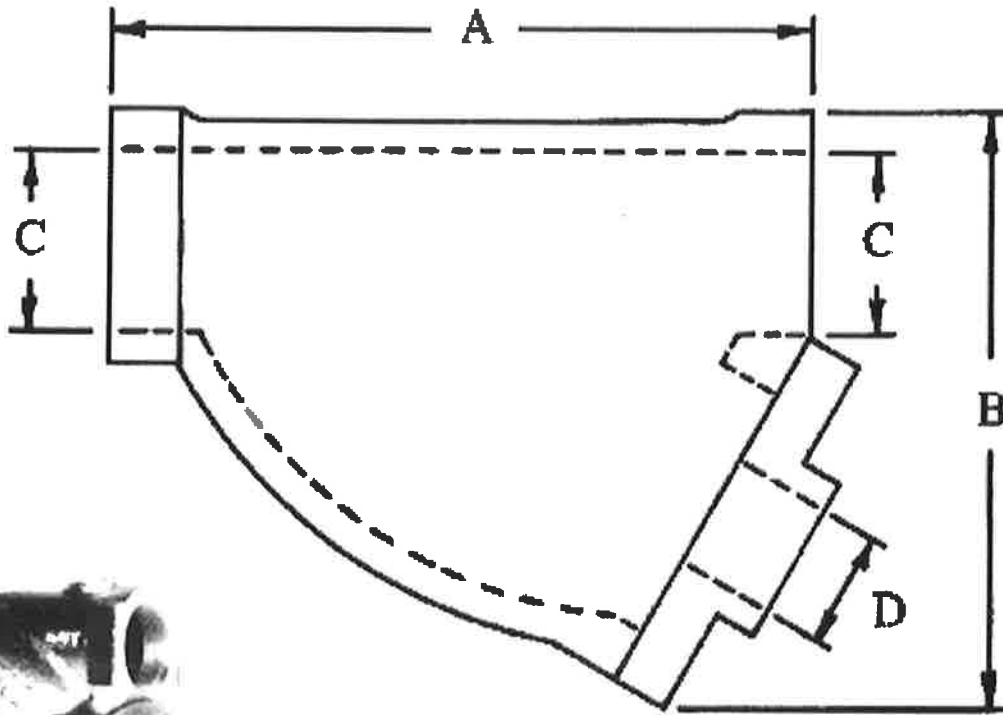
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TRAVIS FILTER BODY DIMENSIONS



FOR 1 1/4" THRU 4"



BODY DIMENSIONS FOR 1 1/4" THRU 4" ALUMINUM "Y" FILTERS

PIPE SIZE N.P.T.	A	B	C	D
1 1/4"	6 1/4"	5"	1 1/4" NPT	3/4" NPT
2"	8"	6 3/4"	2" NPT	3/4" NPT
3"	12 3/4"	8 3/4"	3" NPT	1" NPT
4"	17"	12"	4" NPT	1 1/4" NPT

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TRAVIS

CUSTOM SCREEN MATERIAL

PERFORATED SCREEN MATERIAL 304 STAINLESS

ORDER No.	HOLE DIA.	HOLE CTRS.	% OPEN AREA	HOLES P.S.I.	SHEET WIDTH	METAL GAUGE
1. 020	.020	043	20	624	3'	28
2. 032	1/32	1/16	23	295	3'	26
3. 050	3/64	5/64	33	132	3'	26
4. 062	1/16	3/32	41	131	3'	26
5. 093	3/32	5/32	33	47	3'	24
6. 125	1/8	3/16	40	33	3'	20
7. 188	3/16	1/4	51	18	3'	20
8. 250	1/4	3/8	40	8	3'	20

Please call for price and delivery

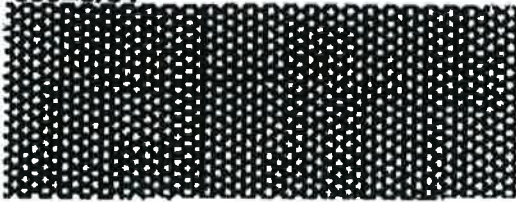
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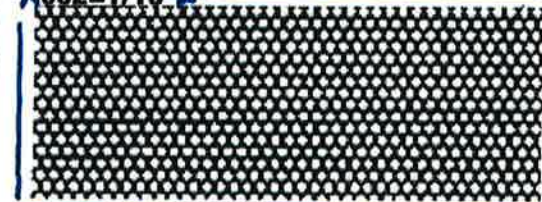
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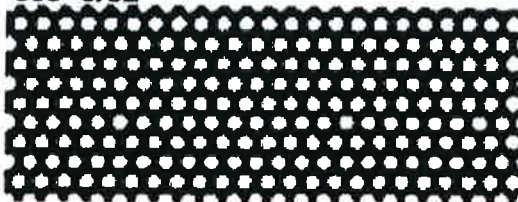
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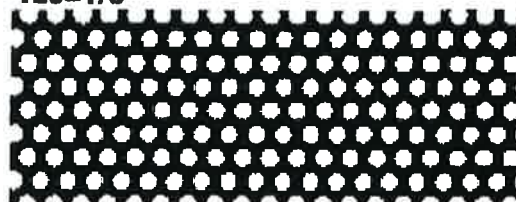
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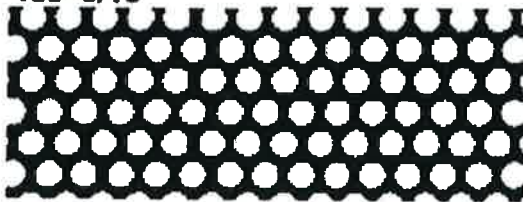
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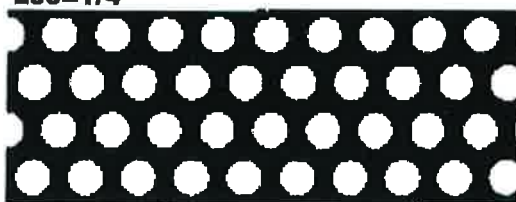
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188=3/16



250=1/4



Product of: TRAVIS PATTERN & FOUNDRY INC., SPOKANE, WASHINGTON

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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

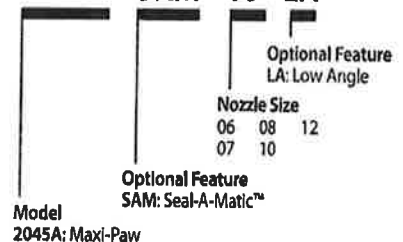
Available Nozzles

- 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	
	○ 12	39	5.5	0.70	0.80	
35	● 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	
	○ 10	41	4.8	0.55	0.64	
	○ 12	42	6.3	0.69	0.79	
45	● 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	
	○ 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	
55	● 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	
	● 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	
60	● 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 m³/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	
	○ 12	12.3	1.32	22.2	18	20	
2.5	● 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	
	○ 10	12.5	1.11	18.6	14	16	
	○ 12	12.9	1.45	24.0	18	20	
3.0	● 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	
	○ 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	
3.5	● 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	
	● 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	
4.0	● 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

Specifications

2045A Maxi-Paw™ FULL- or PART-CIRCLE Pop-Up Rotor

The full- or part-circle pop-up rotor sprinkler shall be a single nozzle impact drive type, capable of covering a _____ foot/meter radius at _____ pounds per square inch (PSI) or (Bars) with a discharge rate of _____ gallons per minute (gpm) or (l/s; m³/h). The part-circle sprinkler shall have an infinitely adjustable arc of coverage from 20° to 340°. Full-circle (360°) shall be accomplished by disengaging the trip mechanism of the impact drive.

The sprinkler case and internal assembly, except for the arm spring, bearing spring, wiper seal, and bearing washers, shall be constructed of durable engineered plastics. The rotation of the sprinkler shall be accomplished by a double-weighted, horizontal-oscillating Precision Jet (PJ™) arm, actuated by the outlet water stream. The double-weighted arm shall provide for a slower rotation speed and increased distance of throw.

The sprinkler shall have an adjustable diffuser pin for distance and distribution control and shall be capable of full- or part-circle operation. The sprinkler nozzle outlet trajectory shall be 23 degrees for the standard nozzles and 11 degrees for the low angle nozzles.

The sprinkler shall have a strong, stainless steel retract spring for positive pop-down. Pop-up height shall be 3" (7,6 cm).

The sprinkler shall have a multi-function, pressure-activated wiper seal for low pressure operation and for cleaning debris from the riser as it retracts into the case.

The sprinkler shall have a 1/2" (15/21) (FNPT) side and a combination 1/2" (15/2 1) or 3/4" (20/2 7) (FNPT) bottom inlet for installation flexibility and a bottom inlet screen to protect nozzle from clogging. The case shall have a sturdy, reinforced rib design with flange.

The sprinkler shall accept seven interchangeable, color-coded nozzles.

The sprinkler shall be as manufactured by Rain Bird Sprinkler Mfg. Corp., Glendora, California.

2045A-SAM FULL- or PART-CIRCLE Maxi-Paw™ Pop-Up Rotor with Seal-A-Matic™

Optional Feature Specifications

When so indicated on the design, the full- or part-circle pop-up rotor sprinkler shall have all the specifications of the standard version with a Seal-A-Matic™ (SAM) check valve to prevent low head drainage for elevation differences up to 10 feet (3,1 m).

The sprinkler shall be as manufactured by Rain Bird Sprinkler Mfg. Corp., Glendora, California.

Maxi-Paw on Bottom Inlet Swing Joint



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Fax: (520) 741-6522

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Fax: (626) 812-3411

Specification Hotline
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Rain Bird International, Inc.
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Azusa, CA 91702
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The Intelligent Use of Water™
www.rainbird.com