



# How **SAFE** Is Your Battery?



## FLAME ARRESTORS BATTERY VENTS

- ✓ Reduce the Risk of Explosion
- ✓ Control the Release of Gasses
- ✓ Reduce the Risk of Acid Leaks

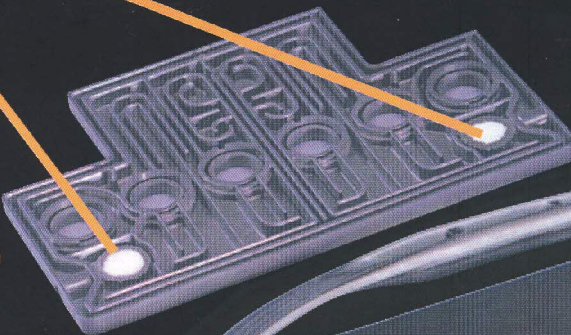
## M.A. INDUSTRIES, INC.

The Right Choice For:

**Customer Service** - Responsive consultation from concept to finished product

**Quality** - SPC and ISO 9001 controls used to consistently meet specifications

**Value** - Quality products and outstanding customer service at a competitive price



**M.A. INDUSTRIES, INC.**  
*Your Flame Arrestor Headquarters*





# Quality Flame Arrestors from M.A.

Competitively priced flame arrestors - standard and custom sizes to fit even the most challenging battery cap designs. Custom sizes and quotes available upon request

## STANDARD SIZES AVAILABLE

### Square and Rectangular

| Part Number | Inches Length | Inches Width | Inches Thickness | MM Length     | MM Width      | MM Thickness | * Air Flow L/Min. |
|-------------|---------------|--------------|------------------|---------------|---------------|--------------|-------------------|
| L12-H4      | .496 - .504   | .157 - .165  | .157 - .165      | 12.60 - 12.80 | 3.99 - 4.19   | 3.99 - 4.19  | 5.3 - 11.1        |
| R-16        | .620 - .640   | .620 - .640  | .113 - .123      | 15.75 - 16.25 | 15.75 - 16.25 | 2.87 - 3.13  | 10.3 - 27         |
| R26-670     | .660 - .680   | .350 - .370  | .140 - .160      | 16.76 - 17.27 | 8.89 - 9.40   | 3.56 - 4.06  | 11.1 - 18.5       |
| R125        | .785 - .799   | .622 - .642  | .120 - .130      | 19.94 - 20.29 | 15.80 - 16.31 | 3.05 - 3.30  | 12.6 - 24.6       |
| R-900       | .890 - .910   | .350 - .370  | .140 - .160      | 22.61 - 23.11 | 8.89 - 9.40   | 3.56 - 4.06  | 11.9 - 24.1       |
| R-646       | 1.326 - 1.354 | .639 - .653  | .115 - .135      | 33.67 - 34.38 | 16.23 - 16.58 | 2.92 - 3.43  | 11.1 - 30.9       |
| R-1750      | 1.738 - 1.754 | .463 - .477  | .162 - .178      | 44.15 - 44.55 | 11.76 - 12.12 | 4.11 - 4.52  | 18.9 - 27.5       |
| PPO-143     | 1.775 - 1.805 | .484 - .496  | .160 - .180      | 45.09 - 45.85 | 12.29 - 12.60 | 4.06 - 4.57  | 18.9 - 27.0       |
| MA-1037     | .310 - .325   | .310 - .325  | .112 - .124      | 7.87 - 8.25   | 7.87 - 8.25   | 2.84 - 3.23  | 5.3 - 18.9        |
| MA-1038     | .426 - .441   | .426 - .441  | .114 - .126      | 10.82 - 11.20 | 10.82 - 11.20 | 2.90 - 3.28  | 9.14 - 22.9       |

### Round

| Description | Inches Diameter | Inches Thickness | MM Diameter   | MM Thickness | * Air Flow L/Min. |
|-------------|-----------------|------------------|---------------|--------------|-------------------|
| R7-A2       | .272 - .280     | .114 - .126      | 7.11 - 6.91   | 2.9 - 3.20   | 3.48 - 11.1       |
| C-315       | .314 - .320     | .120 - .130      | 7.98 - 8.13   | 3.05 - 3.30  | 5.3 - 8.36        |
| C-400       | .394 - .410     | .110 - .130      | 10.01 - 10.41 | 2.79 - 3.30  | 4.93 - 10.3       |
| MA-1042     | .453 - .461     | .152 - .164      | 11.50 - 11.71 | 3.86 - 4.16  | 5.3 - 15.0        |
| R12-A1      | .469 - .476     | .173 - .185      | 11.91 - 12.09 | 4.39 - 4.70  | 7.2 - 15.0        |
| C-125       | .485 - .499     | .120 - .130      | 12.32 - 12.67 | 3.05 - 3.30  | 8.75 - 15.0       |
| C-150       | .485 - .499     | .140 - .160      | 12.32 - 12.67 | 3.56 - 4.06  | 10.3 - 17.3       |
| C-502       | .499 - .507     | .110 - .122      | 12.67 - 12.88 | 2.79 - 3.10  | 4.93 - 17.3       |
| C-502-40    | .499 - .507     | .110 - .122      | 12.67 - 12.87 | 2.79 - 3.09  | 8.75 - 15.0       |
| MA-1045     | .512 - .519     | .114 - .122      | 13.00 - 13.18 | 2.89 - 3.10  | 5.3 - 15.0        |
| C-551-118   | .544 - .558     | .111 - .125      | 13.81 - 14.17 | 2.81 - 3.17  | 8.36 - 18.9       |
| C-637-40    | .627 - .647     | .140 - .160      | 15.92 - 16.43 | 3.55 - 4.06  | 9.14 - 18.9       |
| C-637-100   | .630 - .640     | .102 - .108      | 16.00 - 16.26 | 2.59 - 2.74  | 5.30 - 22.9       |
| MA-1050     | .633 - .641     | .120 - .130      | 16.07 - 16.28 | 3.04 - 3.30  | 10.3 - 27.0       |
| C-637       | .633 - .641     | .140 - .150      | 16.08 - 16.28 | 3.56 - 3.81  | 10.3 - 27.0       |
| C-660       | .650 - .670     | .115 - .135      | 16.51 - 17.01 | 2.92 - 3.43  | 3.48 - 11.1       |
| C-750       | .745 - .755     | .120 - .130      | 18.92 - 19.18 | 3.05 - 3.30  | 8.75 - 22.9       |
| C-758       | .750 - .766     | .120 - .130      | 19.05 - 19.45 | 3.05 - 3.30  | 12.6 - 24.6       |
| R20-A1      | .787 - .795     | .177 - .185      | 19.99 - 20.19 | 4.50 - 4.70  | 15.0 - 22.9       |
| C-866-118   | .874 - .880     | .111 - .125      | 22.19 - 22.35 | 2.81 - 3.17  | 13.8 - 22.1       |
| C-920       | .912 - .920     | .120 - .130      | 23.16 - 23.37 | 3.05 - 3.30  | 11.1 - 31.3       |
| C-1187      | 1.179 - 1.195   | .117 - .133      | 29.95 - 30.35 | 2.97 - 3.38  | 18.9 - 27.0       |
| C-1400      | 1.390 - 1.410   | .118 - .128      | 35.30 - 35.80 | 2.99 - 3.25  | 11.1 - 33.5       |
| C-1055      | 1.040 - 1.065   | .128 - .148      | 26.40 - 27.00 | 3.25 - 3.75  | 18.93 - 27.03     |

\* The air flow is based on liters per minute at 10 inches of water pressure.



**M.A. INDUSTRIES, INC.**

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