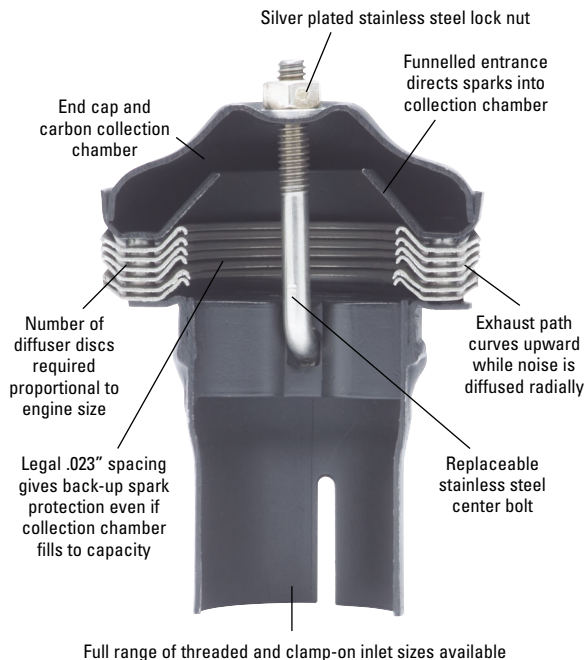


## HOW IT WORKS



SuperTrapp is the only U.S.D.A. Forest Service Approved spark arrestor without restrictive swirl baffles or fragile screens.

The exhaust outlet is formed by stacking the individual diffuser discs to form a series of annular openings. The precise spacing between the discs provides a barrier against noise and sparks without restricting the exhaust flow. The number of diffuser discs required is proportional to engine size. The exhaust noise will be minimized when the least number of discs is used.

As the exhaust flows out radially between the discs, the noise is first dissipated and then diffused over a quiet 360° pattern. After leaving the discs, the exhaust path curves inward toward the centerline and is rapidly cooled by mixing with the surrounding air. Only 1/2" side clearance is required between the disc's outer edge and any heat sensitive areas.



SUPERTRAPP INDUSTRIAL MUFFLER,  
A DIVISION OF MARADYNE CORP.

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\*U.S. Patent 3,987,867, Design Patent 649,761 Other U.S. and foreign patents pending.

# SUPERTRAPP SPARK ARRESTOR MUFFLERS



**Easy to Install**  
**Multi-Position Rated**  
**Cooler Exhaust**  
**Quiet & Compact**  
**Optional Resonator**  
**for Maximum Silencing**





## INLET STYLE and SIZE



Designed for engines from 2 to 200 HP. Recommended for engines from 10 to 100 HP where minimum exhaust noise is required and for larger engines where space is limited. Supplements an existing muffler where minimum exhaust noise is critical. U.S.D.A. Forest Service Approved spark arrestor No. T-100 Model 3S and No. T-101 Model 5S.

## MODEL 3S

**Adaptors**  
Diffuser Discs  
Sold Separately  
Use Approx. 1 Disc/3 HP\*

## MODEL 5S

**Adaptors**  
Diffuser Discs  
Sold Separately  
Use Approx. 1 Disc/7HP\*

Threaded	Size	Adaptor Part No.	Adaptor Part No.
T= Male NPT*	1/2" NPT*	3S-0500T	N/A
	3/4" NPT*	3S-0750T	N/A
	1" NPT*	3S-1000T	5S-1000T
	1 1/4" NPT*	3S-1250T	5S-1250T
	1 1/2" NPT*	3S-1500T	5S-1500T
	2" NPT*	N/A	5S-2000T
*Measured by inside inlet size	2 1/2" NPT*	N/A	N/A
Clamp-On	Size	Adaptor Part No.	Adaptor Part No.
C= Exhaust Pipe OD	1"	3S-1000	N/A
	1.050" (3/4" pipe)	3S-1050	N/A
	1 1/4"	3S-1250	5S-1250
	1.312" (1" pipe)	3S-1312	5S-1312
	1 3/8"	N/A	5S-1375
	1 1/2"	3S-1500	5S-1500
	1 5/8"	N/A	5S-1625
	1.660" (1 1/4" pipe)	3S-1660	5S-1660
	1 3/4"	3S-1750	5S-1750
	1 7/8"	N/A	5S-1875
	1.900" (1 1/2" pipe)	N/A	5S-1900
	2"	3S-2000	5S-2000
	2 1/4"	N/A	5S-2250
	2 1/2"	N/A	5S-2500
	2 3/4"	N/A	5S-2750
	3"	N/A	5S-3000

## DIFFUSER DISCS

Number of diffuser discs required is proportional to engine size.



## MODEL 3S

Use w/above Adaptor  
Approx. 1 Disc/3 HP

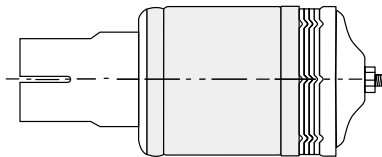
## MODEL 5S

Use w/above Adaptor  
Approx. 1 Disc/7HP

	Part No.	Part No.
3-Pack	3S-6503	5S-6503
12-Pack	3S-6512	5S-6512

## RESONATOR

Accessory. For 30-50% additional noise reduction.



## MODEL 3S

Part No.

3S-5500

## MODEL 5S

Part No.

5S-5500