

Spark Arresters

Non-Silencing Units

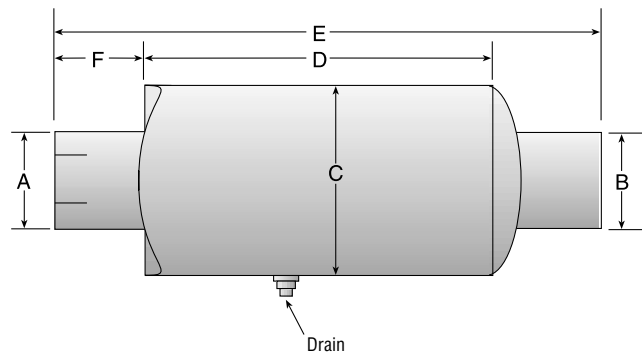
Standard Engine Exhaust Spark Arresters

Standard spark arresters are designed for universal application with a minimum of restriction on the engine, and are ideal as add-on units to existing exhaust systems. The arresters' light weight and small size reduce stress and vibration to the rest of the exhaust system. Typical applications include logging and construction equipment, agricultural machinery, over-the-road trucks, airport equipment, forestry, and military vehicles.

How Can You Select the Right Spark Arrester?

If the diameter of the spark arrester inlet is as large as the exhaust pipe, restriction generally will be within engine guidelines. However, to be sure, check the exhaust CFM of the engine against the CFM rating of the spark arrester. Some applications (e.g. turbo-charged and two-cycle diesel engines) may require larger arresters and an adapter to complete the installation.

Attenuation Level:
5–9 dB



Part Number	A Inlet Diameter	B Outside Outlet Diameter	C Body Diameter	D Body Length	E Overall Length	F Inlet Length	CFM Rating
49110U	1.05	1.25	4.24	3.2	5.9	1.3	80
49115U	1.50	1.50	4.24	3.1	5.9	1.4	165
49120B	2.00	2.00	5.62	6.4	11.0	2.0	295
49125A	2.50	2.63	5.62	8.6	12.8	2.0	450
49130A	3.00	3.13	6.62	10.2	14.9	2.0	660
49135A	3.50	3.63	4.62	12.0	17.6	3.0	900
49140A	4.00	4.13	8.50	14.6	21.2	3.4	1,180
49150A	5.00	5.13	9.62	16.0	24.0	4.0	1,840
49160A	6.00	6.13	12.12	22.0	27.0	2.0	2,650

All spark arresters are qualified and tested for vertical and horizontal installations under the U.S. Forestry Service Standard 5100-1b. All inlets are slotted tube connections. Outlets are O.D. tubing. CFM rating is with a pressure drop of 1 PSI. All dimensions in inches.