

CRITICAL GRADE ANNULAR FLOW SILENCER

AFS3-AFSE3 OVERVIEW

Designed for a variety of intake (AFS3) and exhaust (AFSE3) applications ranging from 500-5,000 hp, or mass flow of 2.5 thru 65 lbs/sec. Approximate capacities are based on average gas velocity through silencer of approximately 10,000 ft/min, and will vary depending on pressure drop criteria. Special bullet designed internals consist of acoustic fiberglass packing adjacent to concentric perforated cylinders, creating an annular flow design. Air intake unit internals are made of stainless steel, tig welded, cleaned and sealed for shipping.

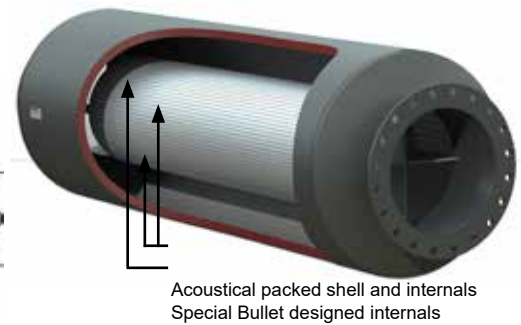
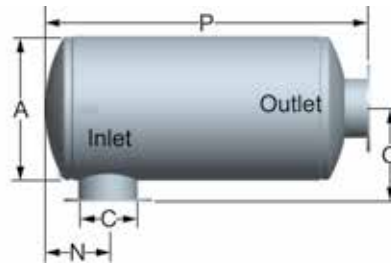
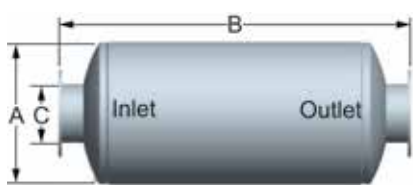
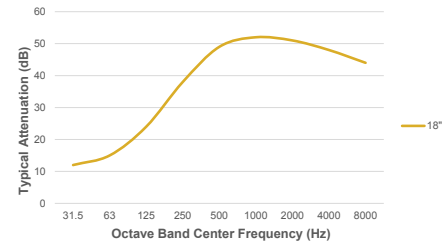
Typical Applications: Gas turbine, Internal combustion engine intakes and exhaust, compressor intakes or fan intakes and discharges.

FEATURES

- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- High heat black paint finish
- Connections: ANSI pattern flanged

OPTIONS / ACCESSORIES

- Custom inlet/outlet size, location and multiple orientations available
- Special paints and finishes available
- Stainless steel construction
- Complete range of exhaust accessories



AFS3 - AFSE3

Part No.*	Part No.*	Size / ØC	ØA	B	N	O	P	Est Wt
AFS3-4	AFSE3-4	4	14	54	6	11	56	105
AFS3-5	AFSE3-5	5	16	56	6	12	62	135
AFS3-6	AFSE3-6	6	16	56	7	12	62	145
AFS3-8	AFSE3-8	8	18	60	8	13	70	200
AFS3-10	AFSE3-10	10	20	68	10	14	77	365
AFS3-12	AFSE3-12	12	24	80	12	16	95	525
AFS3-14	AFSE3-14	14	26	96	14	17	106	665
AFS3-16	AFSE3-16	16	28	104	14	18	115	800
AFS3-18	AFSE3-18	18	36	114	18	22	132	1060
AFS3-20	AFSE3-20	20	36	126	18	22	154	1200
AFS3-22	AFSE3-22	22	36	140	19	23	159	1475
AFS3-24	AFSE3-24	24	42	158	24	24	184	1625
AFS3-26	AFSE3-26	26	42	168	24	25	189	1995
AFS3-28	AFSE3-28	28	48	176	24	29	210	2500
AFS3-30	AFSE3-30	30	48	188	26	29	221	3100
AFS3-32	AFSE3-32	32	54	204	call	call	call	3625
AFS3-34	AFSE3-34	34	54	216	call	call	call	4300
AFS3-36	AFSE3-36	36	60	228	call	call	call	4500
AFS3-40	AFSE3-40	40	66	248	call	call	call	5300
AFS3-42	AFSE3-42	42	66	258	call	call	call	5800

- All dimensions are in inches. All weights are in pounds. Weights are approximate.
- Listed sound data is based on typical performance and should not be considered absolute.
- *See [nomenclature guide](#) for additional information on part number creation.