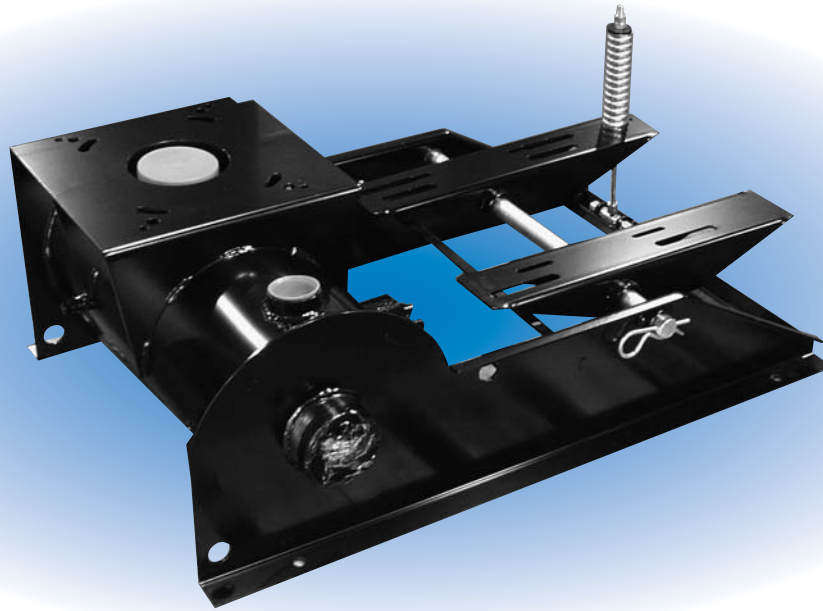


SPECIFICATIONS

ROOTS

Blowers Compressors Exhausters

ROOTS™ EasyAir®8000 Blower Package Combination Base and Discharge, Non-Packed, Chamber Silencer



DESIGN

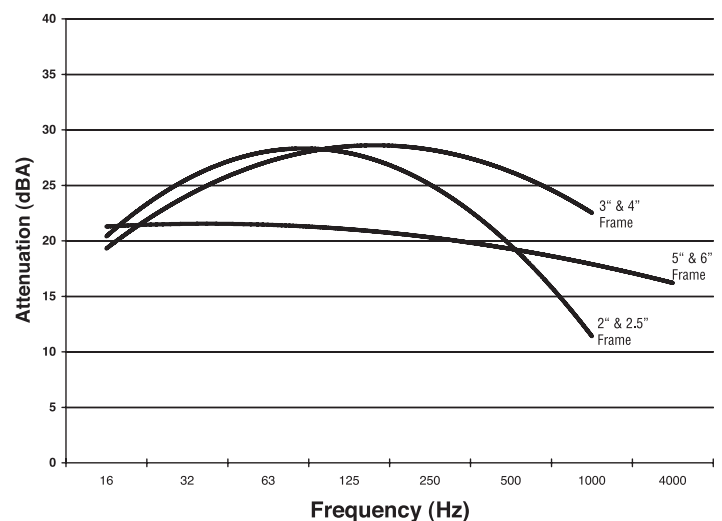
This Roots-designed base and multi-chamber discharge silencer is the foundation of the ROOTS™ EasyAir®8000 factory blower package. The base includes an integral mounting plate for ROOTS™ blowers and features ROOTS™, patent pending, spring-loaded automatic V-belt tensioning system. The silencer design contains multiple chambers to change the air passage throughout the silencer to dissipate pulsations and reduce noise.

CONSTRUCTION

The unit is constructed of durable welded carbon steel. Sizes 2", 2.5", 3", 4" and 5" have NPT threads and the 6" is equipped with flange connections drilled to 125/150 lb. ANSI specifications. The discharge silencer has a tap for the discharge pressure gauge and a tap for the discharge temperature gauge. Additional taps are supplied for mounting the discharge pressure relief valve and an optional mechanical unloading valve. ROOTS™ EasyAir®8000 blower package combination base and silencer is finished in a medium-gloss black baked enamel.

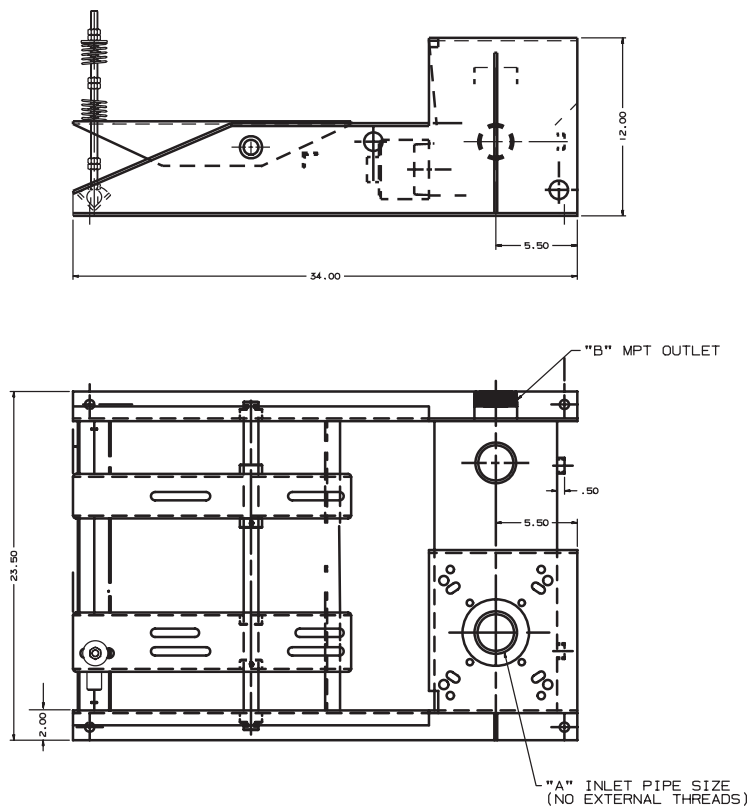
ROOTS Discharge Silencer Base

Attenuation Curve, Typical



Roots

OUTLINE DRAWING & DIMENSIONAL TABLE



Size	Dimensions:	Weight in lbs:	Discharge connection:
2"	34"L x 23.5"W x 12"H	130	2" NPT
2.5"	34"L x 23.5"W x 12"H	130	2.5" NPT
3"	43"L x 28"W x 14.19"H	180	3" NPT
4"	43"L x 28"W x 14.19"H	180	4" NPT
5"	50.5"L x 34.75"W x 17"H	398	5" NPT
6"	50.5"L x 34.75"W x 17"H	398	6" Flanged



Roots

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Houston, Texas Headquarters • U.S. Toll Free Phone: 1-877-363-ROOT(S) (7668) • Direct Phone: 832-590-2600

Connersville, Indiana Operations • U.S. Toll Free Phone: 1-877-442-7910 • Direct Phone: 765-827-9285

United Kingdom Operations • Phone: +44 (0) 1484 422 222

USA/Canada Sales • Phone: 773-444-3360

Houston, Texas Factory Service • Phone: 713-896-4810

Mexico City Sales and Factory Service • Phone: +52 55 5889 5811

Dubai Sales and Factory Service • Phone: +971 4-8830831

Malaysia Sales • Phone: +60 3 2163 0480

China Sales • Phone: +86 10 8486 2440

Shanghai Factory Service • Phone: +86 21 5858 7638

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