



EM PRODUCTS™

PHILLIPS & TEMRO INDUSTRIES

Tandem Exhaust Silencer System

Designed for Low Profile
Sound Attenuation

For years EM Products™ has been designing and manufacturing exhaust systems to meet the silencing requirements for stationary engine systems and mobile power applications.

The EM Tandem Silencers are an extension of some custom silencers that were designed to meet stringent sound levels with a low profile design.

The low profile design is a two-stage configuration providing critical or hospital grade silencing. The silencers are a combination reactive/absorptive type. This configuration and size offers a gent-set packager a small compact exhaust system that mounts directly inside the enclosure and required no additional external thermal blankets for heat retention.

The construction of the two silencers is the key to both the sound attenuation and low profile. The inner wrap encloses a layer of fiberglass thermal insulation that can withstand temperatures in excessive of 1000° F. This thermal wrap serves tow purposes: we get thermal protection, and additional attenuation as the fiberglass (thermal wrap) absorbs the sound energy.

The two-stage configuration is connected to the engine by the corresponding flex and other accessories as required. The silencer modules can be mounted horizontally or vertically.

The low profile design provides a compact package which in turn requires less structural support. The compact unit inside the enclosure allows better air circulation and easier access for engine maintenance.

The Tandem Silencer System can be engineered to fit most diesel and gaseous fueled engines used in power generation applications.

We offer custom engineering to fit the specific environmental requirement, to meet specific OSHA standards and to fit the particular installation.

EM Products™ manufactures a complete line of engine exhaust accessories including flex connectors, mounting bands, flanges, gaskets, rain caps and other fine components to provide a single source supply.

Contact your local EM Products™ Sales Representative or EM Products™ directly to assist you in selecting the correct silencer or exhaust components.

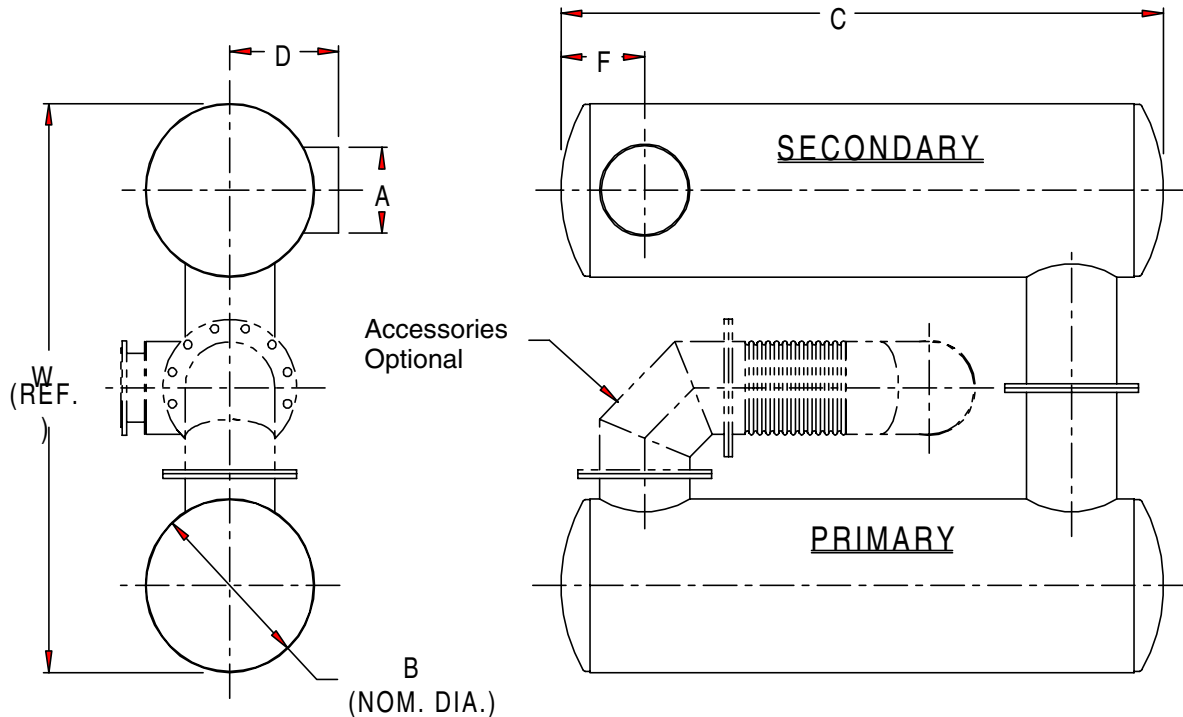
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The EM Products™ Tandem Exhaust Silencer System is designed for low profile sound attenuation.

EM Products™ has developed the Tandem Exhaust Silencer System as a two-stage silencer system that offers critical grade or hospital grade silencing in a low profile design.

This design offers packagers of generator sets and other engine applications a compact silencer system with no sacrifice in sound attenuation.

Standard Silencer Application

- Critical grade or hospital grade silencing
- Designed for mobile power units, stationary and marine systems
- Exhaust noise reduction for most demanding environments
- Where standard silencer size and attenuation will not accommodate engine package

Standard Construction Features

- Low profile
- Internal thermal wrap
- No external thermal blankets required
- Compact, 2-silencer system
- Aluminized steel construction through 26" body diameter
- Standard 1200° F. satin black finish

Optional Construction Features and Accessories

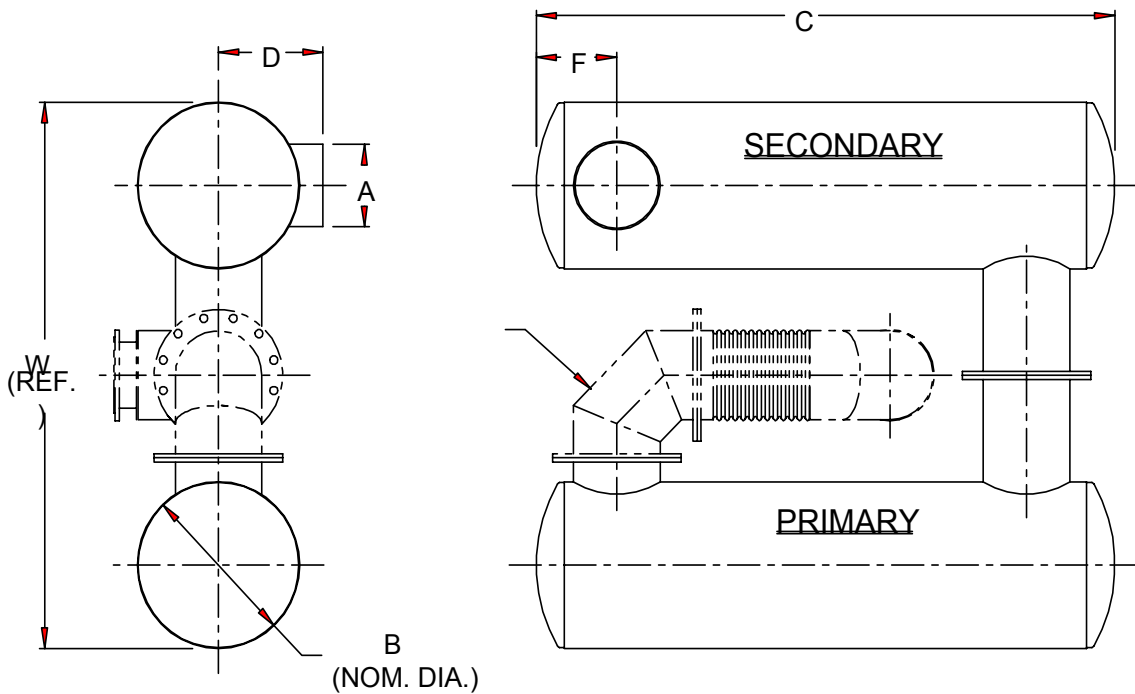
- Special inlet/outlet connections
- Special size and configuration
- Drains available
- Stainless steel construction
- Special finishes available
- Complete line of accessories available

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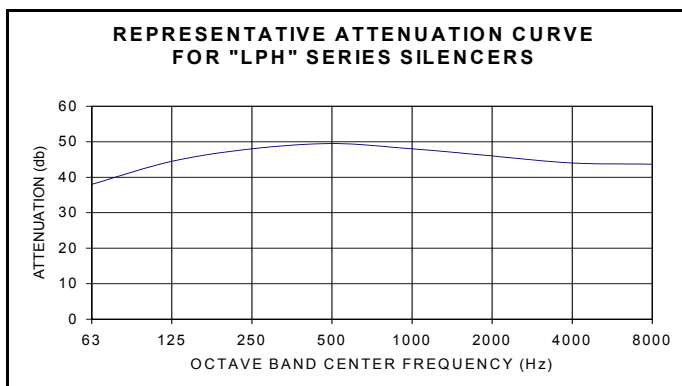
Tandem - "LPH" Series

Hospital Grade



Part Number	A	B	C	D	F	W	Weight
LPH-04-205101	4.0	12.0	52.0	10.0	6.0	38.0	168
LPH-05-205102	5.0	14.0	76.5	10.0	7.0	42.0	276
LPH-06-205103	6.0	16.0	65.0	11.0	7.5	50.0	315
LPH-08-205104	8.0	16.0	77.0	11.0	8.5	54.0	390
LPH-10-205105	10.0	20.0	90.0	13.0	10.0	66.0	720
LPH-12-205106	12.0	22.0	91.0	15.0	11.5	74.0	885
LPH-14-205107	14.0	26.0	104.0	17.0	13.0	86.0	1350
LPH-16-205108	16.0	28.0	129.0	18.0	14.0	94.0	2000

Note: Standard with 150 # ANSI drilled plate flange connections. Dimensions in inches, weights in pounds. Dimensions and weights are nominal and may vary slightly with production models



- Typical Reduction = 42—48 dBA
- Internally Insulated
- Low Profile
- Carbon Steel Construction
- Stainless Steel Construction Available
- Contact Factory for Custom Fit Applications

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