Exhaust Silencer
Installation, Operation, and Maintenance

C-B Exhaust Silencers are single pass devices designed to give maximum attenuation of both low and high frequency noise for air, steam, or gas exhausting to atmosphere.

Two models are offered - the SES-S and the SES-H, the latter a longer design for increased noise attenuation.

The Exhaust Silencer has a maximum flow rating which should be considered for sizing. The inlet size is determined by this rating. Flows over this capacity could damage the interior of the silencer, decreasing its effectiveness.

The silencer is designed to handle almost all atmospheric venting applications; normal venting procedures should be used. The silencer breaks up the stream of flowing gas and directs it to the outer walls where the noise is absorbed. The outlet stub is large enough to allow a slow, quiet release to the atmosphere.

The piping leading up to the silencer should be as direct as possible to limit the amount of noise created. Prior to the silencer inlet, ten feet of straight piping the same size as the inlet is suggested and would provide the best performance. If the line needs to be increased in size, a gradual expansion such as a concentric reducer should be used. Contact C-B for additional piping recommendations.

Drainage couplings have been provided for either horizontal or vertical installations. The drainage couplings should be pointed down and piped to a safe drainage point. The outlet is usually the final point before discharge. This should only be extended if required, and then only by using piping the same size as the outlet.

Because installations vary, standard supports have not been established. The unit and piping should be supported as required for the installation. Guy wire attachments have been provided for vertical installation. The silencer should not be supported by the guy wire attachments.

The Exhaust Silencer is an integrally welded unit with no removable or replaceable spare parts. There is no regularly scheduled maintenance, except inspection of the exterior painted surface, which should be kept clean and free of rust.

⚠️ Caution
POSSIBILITY OF HOT AIR/CONDENSATE ESCAPING INTO THE ATMOSPHERE.
Use caution when working near the exhaust silencer.