

  
**Stack Sizing Request Form**

Customer Info:

Company: \_\_\_\_\_  
Contact: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_

Job Info:

Job Name: \_\_\_\_\_  
Job Location: \_\_\_\_\_  
Date: \_\_\_\_\_

Rep. Info:

Air Distribution Corporation  
45 North Street, Canton, MA 02021  
Rep. Name: \_\_\_\_\_  
Rep. Email: \_\_\_\_\_

***CENTERLINE DIMENSIONS***

1. Centerline dimension between boiler outlets: 1<sup>st</sup> Blr \_\_\_\_\_ 2<sup>nd</sup> Blr \_\_\_\_\_  
3<sup>rd</sup> Blr \_\_\_\_\_ 4<sup>th</sup> Blr \_\_\_\_\_
2. Distance from vertical stack to nearest boiler: \_\_\_\_\_
3. Dimension of boiler outlet above the floor: \_\_\_\_\_
4. Floor to centerline breeching: \_\_\_\_\_
5. Centerline breeching to ceiling: \_\_\_\_\_ OR PROVIDE DETAILED SKETCH (PLAN/ELEVATION)
6. Ceiling to roof: \_\_\_\_\_
7. Elevation between floors: \_\_\_\_\_
8. Centerline breeching to stack termination: \_\_\_\_\_
9. Thickness housekeeping pad: \_\_\_\_\_

***BOILER & FLUE PIPE INFORMATION REQUIRED***

1. Boiler/Generator/Gas fire chiller type: \_\_\_\_\_
2. Model #: \_\_\_\_\_
3. Diameter of boiler/generator/chiller outlet: \_\_\_\_\_
4. Outlet type (check one): A. Rear B. Front C. Top D. Flanged E. Round Collar F. Square/Rectangle
5. Is boiler outlet offset?: (yes/no) \_\_\_\_\_ (If yes, supply dimension and/or sketch)
6. Stack termination type (check one): A. Open termination B. Stack Cap C. Exit Cone D. Fliptop E. Other
7. Stack material (inner & outer): \_\_\_\_\_
8. Insulation thickness: Air \_\_\_\_\_ Ceramic \_\_\_\_\_
9. Floor/roof construction (check one): A. Combustible B. Non-combustible
10. Thickness of floors: \_\_\_\_\_
11. Thickness of roof: \_\_\_\_\_

***APPLIANCE INFORMATION REQUIRED***

1. Forced draft or atmospheric (check one) Barometric Damper used (yes/no) Draft Hood (yes/no)
2. Local altitude in feet: \_\_\_\_\_
3. Type of fuel burned: \_\_\_\_\_
4. BTU/H Input: \_\_\_\_\_ Generator CFM: \_\_\_\_\_
5. Temperature: Gross Flue gas: \_\_\_\_\_ °F
6. Ambient: \_\_\_\_\_ °F
7. Design CO<sub>2</sub> %: \_\_\_\_\_
8. Allowable back-pressure at outlet in inches of water column: \_\_\_\_\_

*Please attach separate sketch. If drawings are furnished PLEASE provide all dimensions or scale to which it is drawn.*

*Answers to these questions will expedite and simplify the design process of your system.  
The AMPCO engineering staff has developed thousands of turnkey applications.*



Please send form to your ADC Representative or forward to sales@air-distribution.com  
Air Distribution Corporation  
45 North Street, Canton, MA 02021  
Phone: 781-828-9595 Fax: 781-828-9656