



## Stack Sizing Request Form

Job Name: \_\_\_\_\_  
 Rep Name: \_\_\_\_\_ Contact: \_\_\_\_\_  
 Date: \_\_\_\_\_ Job Location: \_\_\_\_\_

### ***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 (circle): 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 (circle 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 (circle one): A. Combustible B. Non-combustible
10. Thickness of floors: \_\_\_\_\_
11. Thickness of roof: \_\_\_\_\_

### ***APPLIANCE INFORMATION REQUIRED***

1. Forced draft or atmospheric (circle 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. Temperatures: 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.*

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Call AMPCO toll free with your specs.  
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 Fax: 800.972.1421