

AMPCO Design Checklist for Quoting Requests

JOB NAME: _____ REP NAME: _____ CONTACT: _____
 _____ PH: _____

1. **Provide a sketch of your system:**
 Plan View Elevation View
(Include centerline dimensions and any special instructions or existing dimensional restrictions)

2. **What is your application?**
 Boiler Water Heater
 Kiln Exhaust
 Generator Grease Duct
 Air Rotation Unit Coffee Roaster

 Paint Booth Dryer Vent
 Particle Containment Other _____

3. **Is this appliance UL listed to be vented with positive pressure or atmospheric venting?**
 Positive Pressure Atmospheric

4. **What type of Fuel is used?**
 LP gas Natural Gas
 Oil Other _____

5. **List the following:**

 BTU Input: _____
 Boiler HP: _____
 Appliance Make: _____
 Model #: _____

6. **Outlet Location:**
 Top Back
 Other _____

7. **Identify the Appliance Outlet:**
 Flanged Collar
 Rectangle Other _____

8. **Is there a Barometric Damper?**
 Yes No

9. **What is the overall height?**
(Distance from outlet to termination)
 _____ Feet _____ Inches

10. **What is the vertical rise dimension?**
(From the outlet to the horizontal breeching centerline)
 _____ Feet _____ Inches

11. **What is the distance from the breeching centerline to the top of the roof?**
 _____ Feet _____ Inches

12. **NFPA requires termination to be 3 feet above the roof or 2 feet higher than any portion of the building within 10'. This termination is:**
 3 feet above roof Other _____ Feet _____ Inches
 Termination Type: _____ Stack Cap, Exit Cone
 Open Term, other

13. **For multiple appliance systems, what is the distance from center of outlet to the next?**
 1st to 2nd _____ Feet _____ Inches
 2nd to 3rd _____ Feet _____ Inches
 3rd to 4th _____ Feet _____ Inches

14. **Product type?**
 N-singlewall VSI (1" air)
 IVSI-C1 (1" fiber) IVSI-C2 (2" fiber)
 IVSI-C4 (4" fiber) IVSI-Z3 (grease_zero)
 IVSI-Z4 (grease_zero) Heat-Fab EZ (single)
 Heat-Fab CI+ (1" air)

15. **Material type?**
 304 304/alz 304/304 304/316
 316 316/alz 316/304 316/316
 AL29-4C (Heat-Fab)

16. **Spec required clearance to combustibles:**
 For System: _____ Inches

17. **Is roof combustible?**
 Yes No
*If "yes", installation must use Ventilated Roof Thimble Assembly. **Note:** Tall Cone Flashing may only be used on noncombustible one-story applications or re-lining masonry chimneys.*

18. **Is wall combustible?**
 Yes No N/A

19. **If AMPCO Engineering sizing information is requested, use Sizing Request Form**

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