

## KITCHEN HOOD AND DUCT SYSTEM WORKSHEET

The following information is needed to complete this worksheet:  
Manufacturer's specs sheet for the hood, exhaust fan, and supply fan  
Dimensions of the exhaust duct

Project Name: \_\_\_\_\_

1. **HOOD CFM TO BE EXHAUSTED** \_\_\_\_\_
  - a. Manufacturer's Spec Sheet [ ]
  - b. SMC 504.2 [ ]
  
2. **SQ. FT. OF DUCT AREA** \_\_\_\_\_
  - a. Provided (Length x Width ÷ 144)
  - b. Required (CFM ÷ Velocity)
  
3. **VELOCITY** \_\_\_\_\_
  - a. Provided (Cfm ÷ area of duct provided)
  - b. Minimum 1500 fpm required by SMC 505.7
  
4. **EXHAUST FAN CFM** \_\_\_\_\_
  - a. Provided (Manufacturer's Spec Sheet)
  - b. Required (1500 x Area of duct provided)
  
5. **SUPPLY FAN CFM (Make-up Air)** \_\_\_\_\_
  - a. Provided (Manufacturer's Spec Sheet)
  - b. 100 % of air exhausted required by SMC 504.2(6)