

graduated cylinder for a 2-minute period. Determine the flow rate in gallons per hour. The fuel flow rate must be 6.0 ± 0.2 gallons per hour (0.378 ± 0.0126 L/min).

(e) *Calibration.* (1) Position the burner in front of the calorimeter so that it is centered and the vertical plane of the burner cone exit is 4 ± 0.125 inches (102 ± 3 mm) from the calo-

rimeter face. Ensure that the horizontal centerline of the burner cone is offset 1 inch below the horizontal centerline of the calorimeter (figure 8). Without disturbing the calorimeter position, rotate the burner in front of the thermocouple rake, such that the middle thermocouple (number 4 of 7) is centered on the burner cone.

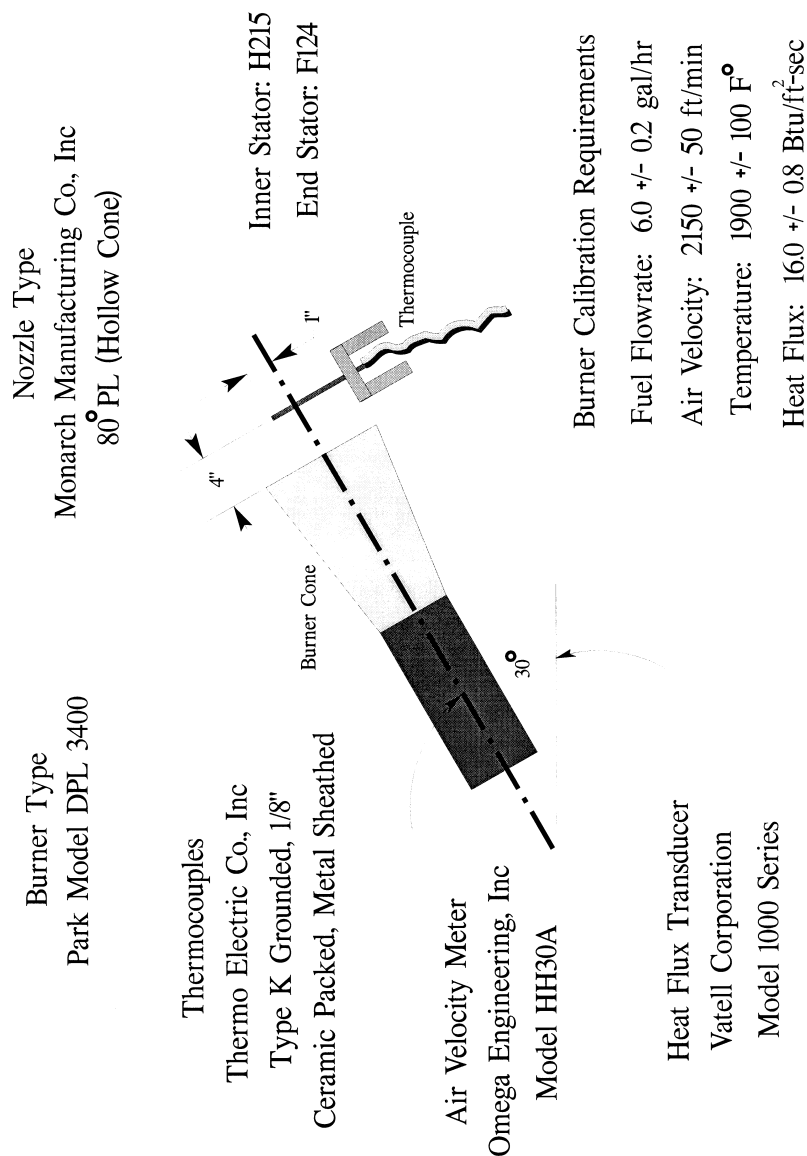


Figure 8 – Burner Information and Calibration Settings