

JOB NAME: SAMPLE JUNE 18, 1996
 JOB #: 99999

AHU #1 15,000 CFM 0.92 SHR

15% OUTSIDE AIR, 7° R.A. TEMP RISE

OUTSIDE AIR 95/78° Room Air 75°

SUPPLY AIR 55°

$$\Delta H = 30.5 - 22.8 = 7.7$$

$$Q = 15,000 \times \Delta H \times 4.5$$

$$= 15,000 \times 7.7 \times 4.5$$

$$= 519,750 \text{ BTUH}$$

$$= 43.3 \text{ TONS}$$

COIL CONDITIONS:

E.A.T. = 79.7° DB, 65.6° WB

L.A.T. = 55.0° DB, 54.2° WB

WORK DONE BY COOLING COIL

H = 22.8

H = 30.5

AIR LEAVING COOLING COIL

