

FIGURE 1

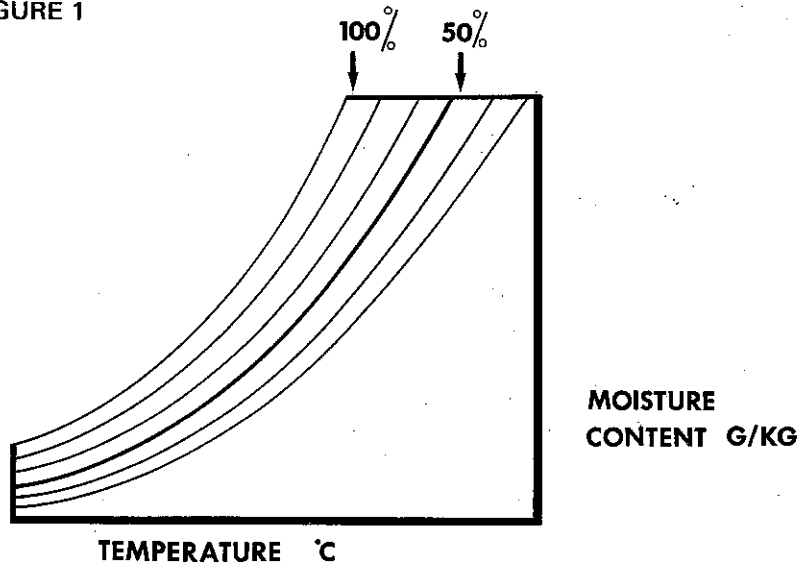


FIGURE 3

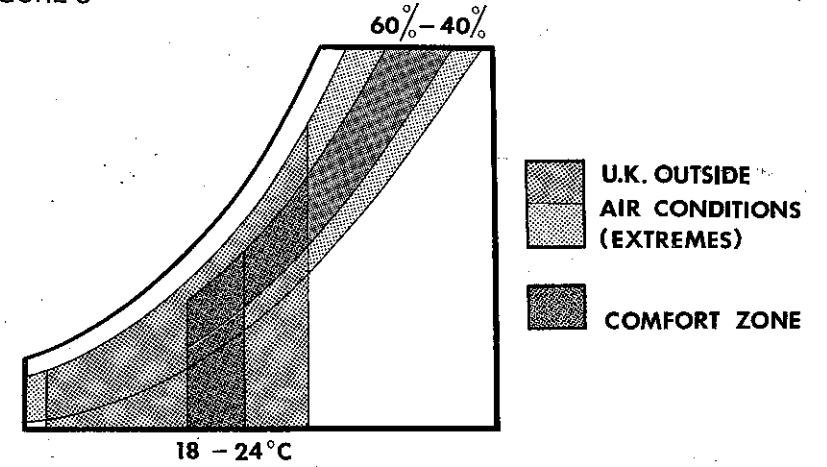


FIGURE 2

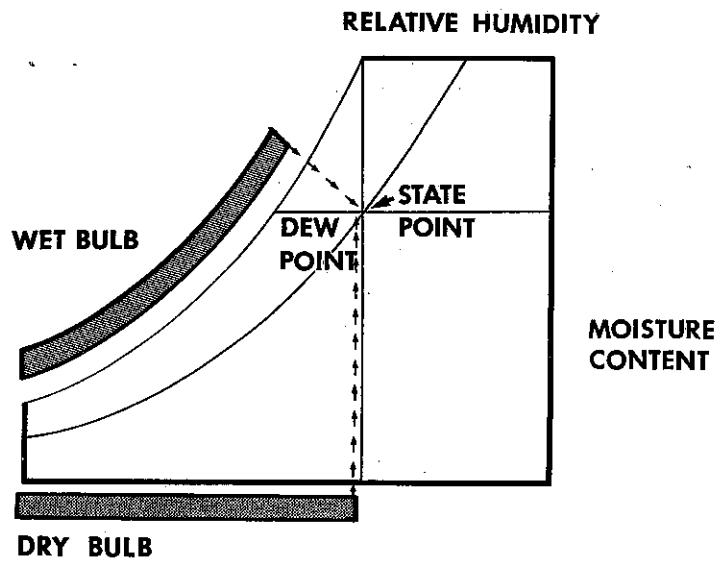


FIGURE 4

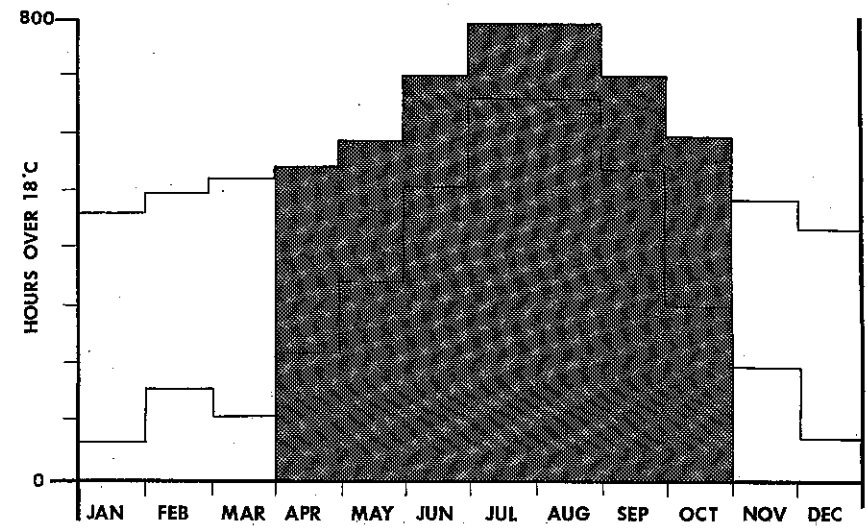
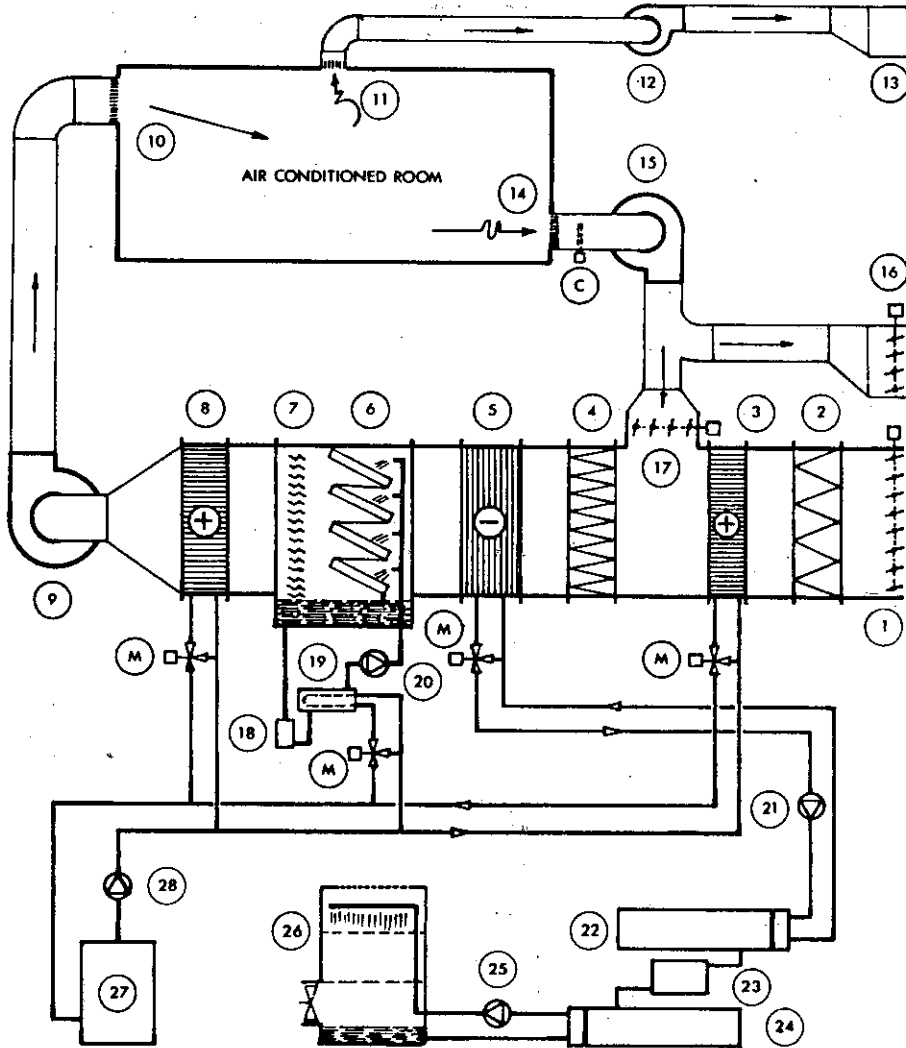
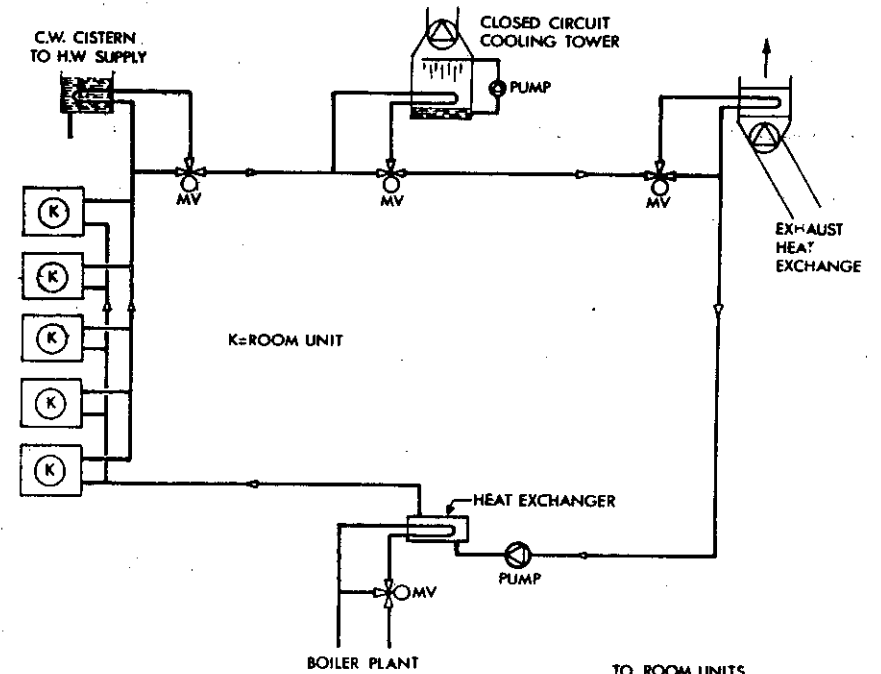


FIGURE 5 Central plant system with air washer



1, Outside air intake. 2, Self cleaning air filter. 3, Pre-heater for fog elimination. 4, Electrostatic or dry fabric type air filter. 5, Chilled water cooling coil. 6, High efficiency air washer. 7, Eliminators. 8, Re-heater. 9, Supply fan. 10, Conditioned air supply. 11, Smoke extract in ceiling. 12, Smoke extract fan. 13, Discharge to outside. 14, Extract and recirculation. 15, Main extract fan. 16, Discharge to outside. 17, Recirculation. 18, Spray-water strainer. 19, Spray-water heater. 20, Spray-water pump. 21, Chilled water pump. 22, Water chiller (evaporator). 23, Multi-stage refrigerant compressor. 24, Shell and tube condenser. 25, Condenser water pump. 26, Forced draught cooling tower. 27, Hot water boiler. 28, Hot water pump. *M* denotes motorised valves. *C* denotes temperature and humidity control points.

FIGURE 6 Heat recovery system



Induction system plant arrangement

