
2.5.3 - CONDENSER COOLING WATER CONNECTIONS (WATER-COOLED SYSTEMS)

Condenser cooling water may be obtained from city or tower water supplies. The water usage is dependent on the tonnage of the system and temperature of the water. Variation in the cooling water temperature will lead to variation in water usage. If city water is being used, it will need approximately 1.5 gpm (5.7 lpm) per ton of refrigeration. If tower water is being used, it will need approximately 3 gpm (11.3 lpm) per ton of refrigeration. Mokon recommends that you install a strainer on the condenser water supply line to eliminate any unnecessary fouling. The connections for the condenser cooling water are located in the back of the system, labeled “Supply Water” and “Drain Water”.

1. Supply Water: Connect this port to an adequate source of cold, clean supply water. Do not restrict incoming water to the condenser.
2. Drain Water: Connect this port to drain. Do not restrict outgoing water from the condenser.