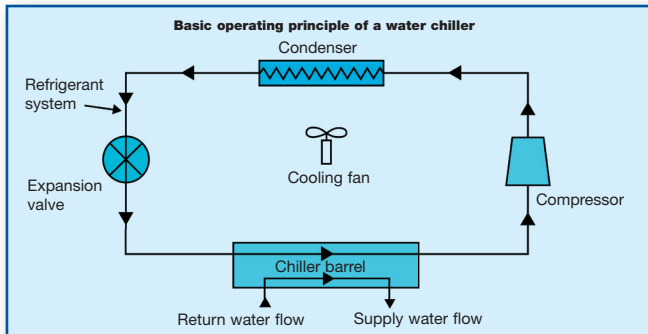


High capacity fluid chillers



The Andrews Sykes range of high capacity fluid chillers have been developed to provide a fast and efficient solution for many applications that require high volumes of cooling capacity. In the standard format fluid chillers can provide cooling water to production processes or to bypass/assist permanently installed chillers. When used along with our wide range of air handlers and fan coils, fluid chillers provide high capacity air conditioning for a wide range of applications.

The standard range comprises of units up to 750kW in capacity and can be used in parallel to achieve higher capacities. Larger units for long term applications are also available. A wide range of temperatures can be provided, with units able to achieve water temperatures below -15°C . Heat pump versions are available on some models to provide not only cooling but also heating.

All of the units in the Andrews Sykes fluid chiller range are air cooled and do not require a permanent water supply. The chiller unit must be placed in a well ventilated area that is able to accept the heat dissipation from the area being cooled. Ideally chillers should always be installed on the exterior of the building, where the ambient air can provide cooling.

Each of the units contains a heat exchanger, condenser, control system, compressor and circulating pumps. Mounted on robust base plates complete with lifting facility, the units can be transported and positioned with the minimum of disruption. The water connection on the supply and return pipework is normally achieved with quick action couplings, removing the need for complicated pipe connections. The chillers use flexible hoses to provide chilled water to either the air handlers or the clients own system.