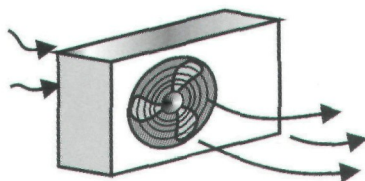




Which ACs are more efficient, air-cooled or water-cooled?

Airconditioners that use air to cool the refrigerant in the condenser are **air-cooled** machines, while those which use water to cool are **water-cooled** machines.



A typical air-cooled condenser



A typical cooling tower in water-cooled systems

Window ACs and non-ducted splits do not offer such a choice. Both use only air-cooled condensers.

In Packaged ACs as well as in Central Plants, however, you have a choice of air-cooled condensers and water-cooled condensers.

Certainly in all cases, water-cooled condensers are more efficient and will therefore consume less power than air-cooled condensers.

However, water-cooled condensers require plentiful supply of good quality fresh water and that is where the problem lies.

If your location has water in plenty, go for water-cooled systems. Otherwise, air-cooled systems are the best bet.