

Viron HEATPUMP

AstralPool's reputation for innovative technology and leading edge engineering was established by its ground breaking gas pool and spa heaters. However, in some regions of Australia natural gas is unavailable or uneconomic. For those applications, electric heat pumps are usually the best and most cost-effective option for year round heating. And now, the brilliant Viron Series Heat Pumps offer the best and most cost-effective form of electrical pool heating.



The Viron Series Heat Pump uses the same principles employed in air conditioners and refrigerators. They all extract the latent heat that exists in the atmosphere all around us.

How does it work?

A large fan draws air across an array of fine tubes called an evaporator. Each tube is filled with a remarkable chemical called a refrigerant which boils at extremely low temperatures. Any heat in the passing air causes the refrigerant to boil creating a hot vapour inside the tubes. The tubes carry that vapour through a compressor, which increases both its pressure and temperature. Finally, the super heated vapour is carried through the coils of the heat exchanger immersed in water being drawn from the pool. As the vapour's heat is transferred to the pool water, the vapour condenses back into a liquid and the tubes carry it back to the evaporator to begin the process all over again.

Whisper Quiet – specially angled fan blades reduce noise levels to a new minimum

Super Efficient – A COP (Co-efficient of Performance) of up to 5 means 5kw of heat for every kW of power used.

Reliable and durable – purposely developed electronic control protects the compressor from phase loss or phase reversal

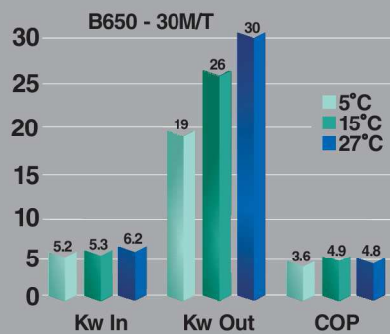
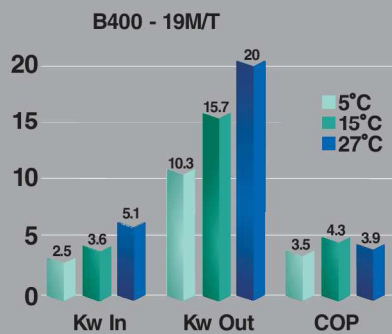
Intelligent Heat – maintains the pool temperature 24 hours a day, starting the filtration system automatically when heat is required.

Eco Heat – A touch of a button reduces the pool temperature 5 degrees when your pool is not in use, enabling fast heat up again but reducing operating costs and water evaporation

Hot Gas Defrost – enables heat pump to operate in weather conditions down to 5 degrees C.

Cooling mode – allows pool water to be cooled in hot tropical climates

Swimming without the Sun - Unlike solar heating, you don't need the sun to swim with the Viron. Even in the coldest Australian conditions, a correctly sized Viron Heat Pump will still draw enough latent heat from the surrounding air to allow you to swim all year round.



Two Models to choose from the Viron B400 is suitable for pools up to 40,000 litres and the Viron B600 is suitable for pools up to 60,000 litres.