Plate heat exchangers can be used to maintain a nearly constant temperature in swimming pools all year round.

In hot geographical regions where the atmospheric temperatures are in the range of 40–45°C/104–113°F, there is a need to cool the incoming water temperature (~40°C/104°F) to more suitable pool temperatures (~26°C/79°F).

The swimming pool water is one of the media that flows through the heat exchanger. Chilled water is used as the other medium.

Especially in tropical climates there is a big need for cooling swimming-pool water. By using a plate heat exchanger the swimming-pool water can be kept at a comfortable, almost constant temperature.