

NXP



WATER TO WATER MULTIPURPOSE INDOOR UNIT

DESIGNED FOR TWO OR FOUR PIPE SYSTEMS



Application

Aermec's NXP unit is a multipurpose water cooled unit used in two and four pipe systems that is designed to produce hot and chilled water while offering heat recovery and simultaneous heating and cooling.

Designed for simultaneous, autonomous production of cold and hot water. With one unit, simultaneous, independent requests for hot and chilled water can be accommodated all year round, generating great energy savings.

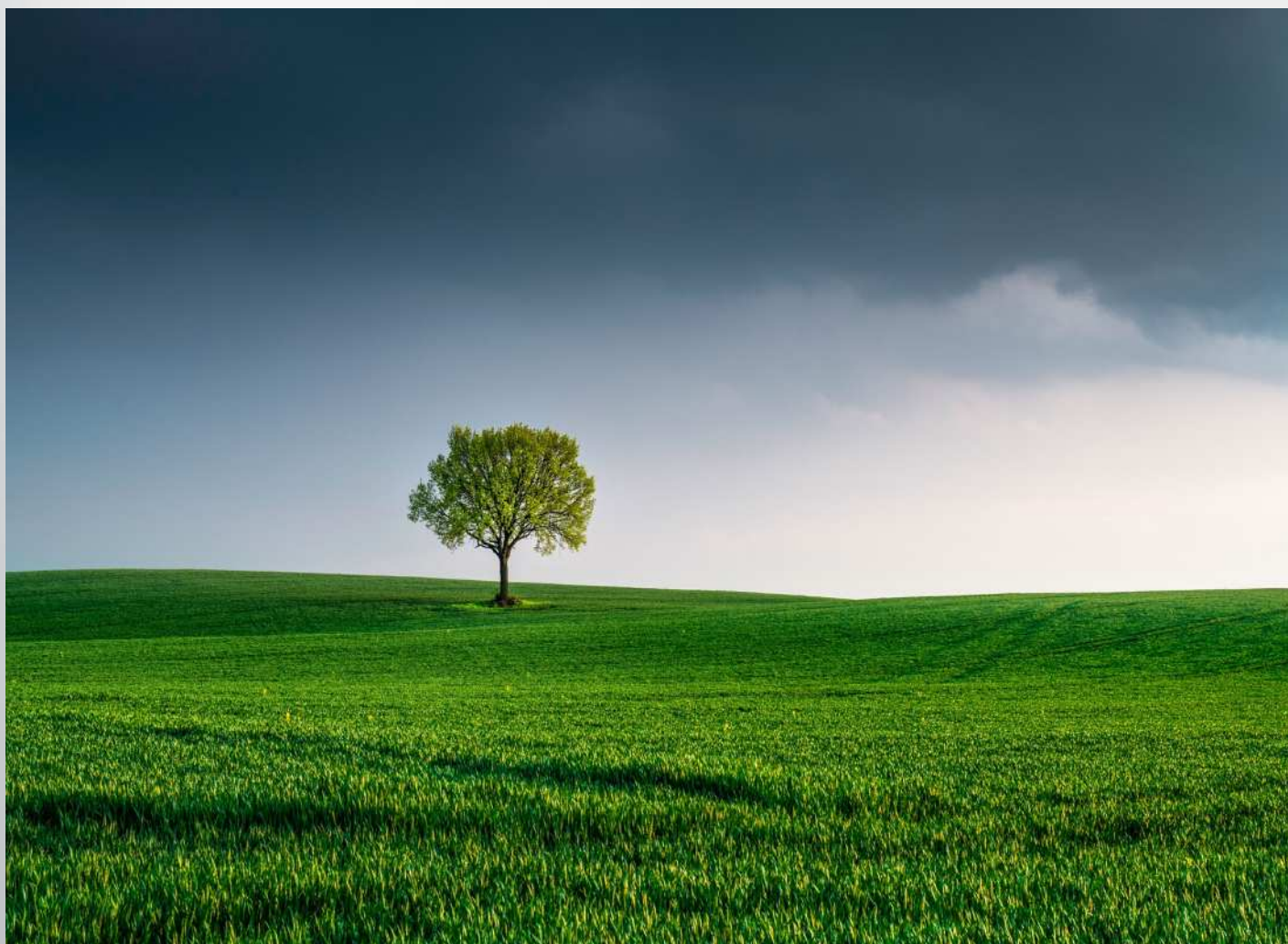
A two pipe version is also available. In this version, the unit produces cold water or hot water in one heat exchanger (connected to the building), and hot water for Domestic Hot Water (DHW) in another heat exchanger. This version should be used in buildings with two pipe terminal units that have a regular need for Domestic Hot Water (DHW).



Eco-Friendly

The NXP allows simultaneous and independent production of hot and chilled water in an efficient way, without requiring refrigerant piping through the building, as water is used instead. This allows the unit to be considered eco-friendly. There is heating and cooling at the same time with automatic heat recovery whenever possible.

Aermec's NXP is a suitable option as it is considered a green unit due to the geothermal applications. It has simplified installation which includes an all-in-one concept and an option of a build-in Hydronic kit and may be used with boiler/tower or dry cooler.



Innovation, Value, and Market Impact

The multipurpose heat pump units use the most efficient technology which allows maximum heat recovery. As a result, the heat can be used in other parts of the building rather than being rejected and wasted (ex. geothermal or third party equipment). The unit has very low noise unit which is a great addition considering the unit is constructed for indoor installation.

The NXP is the next generation of cooling and heating technology for the projects that are looking to be more sustainable and energy efficient. With its Total Efficiency Ratio (TER) of 7.73 in standard conditions, the NXP is becoming a strong contender within the marketplace.



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