TECNICAS EVAPORATIVAS, S.L.

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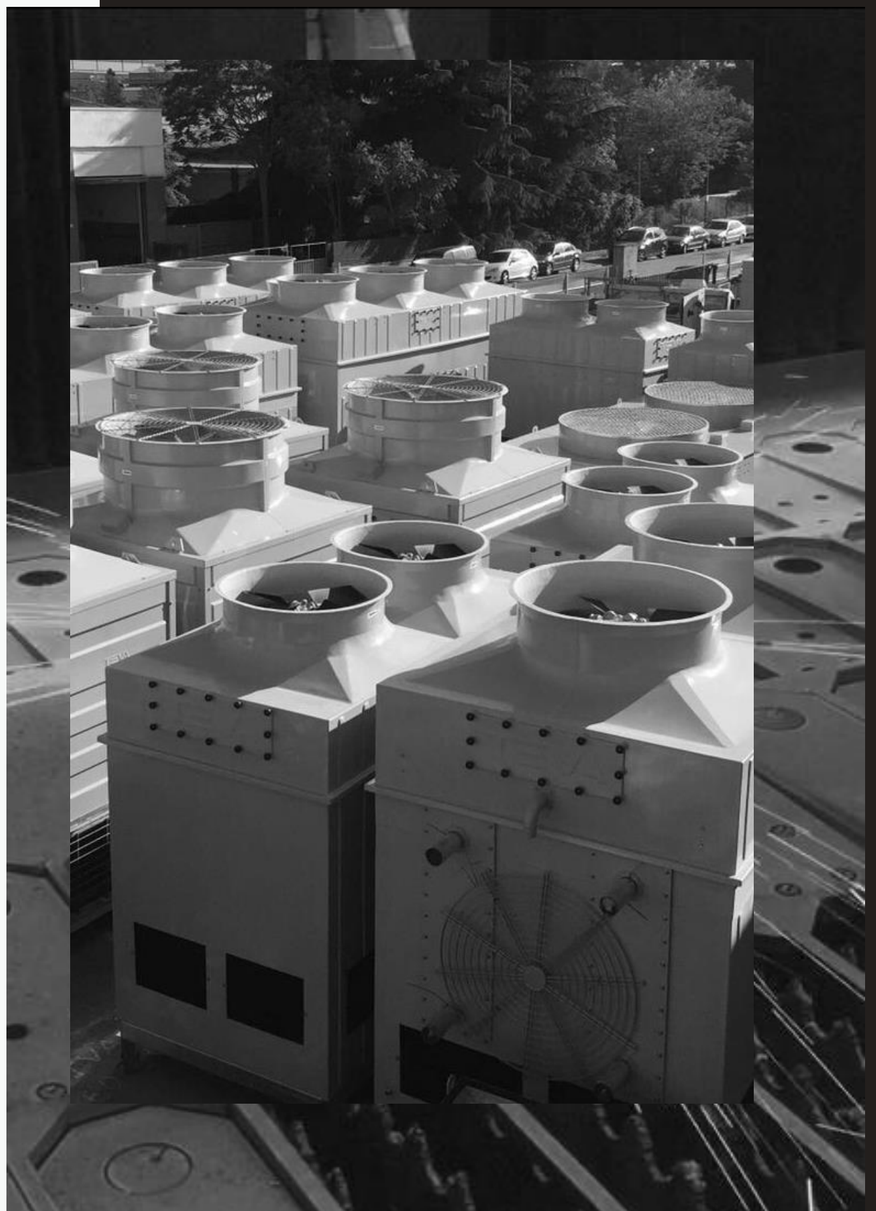
COMPANY

TÉCNICAS EVAPORATIVAS, SL (Teva) is a prestigious leading company in the design and manufacture of equipment for the evaporative cooling of water, industrial liquids and refrigerant gases.

We have been offering cooling solutions to many sectors since 1970, and it is this extensive experience, together with our broad range of products and our vision based on listening to our customers, that allows us to provide each customer with solutions created exclusively for their needs.
Products manufactured by TEVA, using our own designs and technology, include open circuit towers, closed circuit towers, evaporative condensers, adiabatic dry coolers/condensers and regular dry coolers.

All of these are manufactured in metal or GRP versions and equipped with axial or centrifugal fans, which allows you to choose from the most extensive selection on the market when looking for the most appropriate solution for your needs in relation to: temperature, resistance to corrosion, water quality or shortage, energy efficiency, noise level, etc.

Our technical department is available to our customers, working continuously to improve the design, materials and production processes, and we also have a constantly growing sales network comprised of experienced professionals.



TECNICAS EVAPORATIVAS, S.L.

PRODUCTS

- OPEN CIRCUIT COOLING TOWERS
- CLOSED COOLING TOWERS
- EVAPORATIVE CONDENSERS
- DRY COOLERS
- ADIABATIC SYSTEMS
- ICE STORE

DESCRIPTION

Systems that store energy in the form of latent heat offer significant savings for the industry in general and for the air conditioning sector by decreasing the peak loads for the systems.

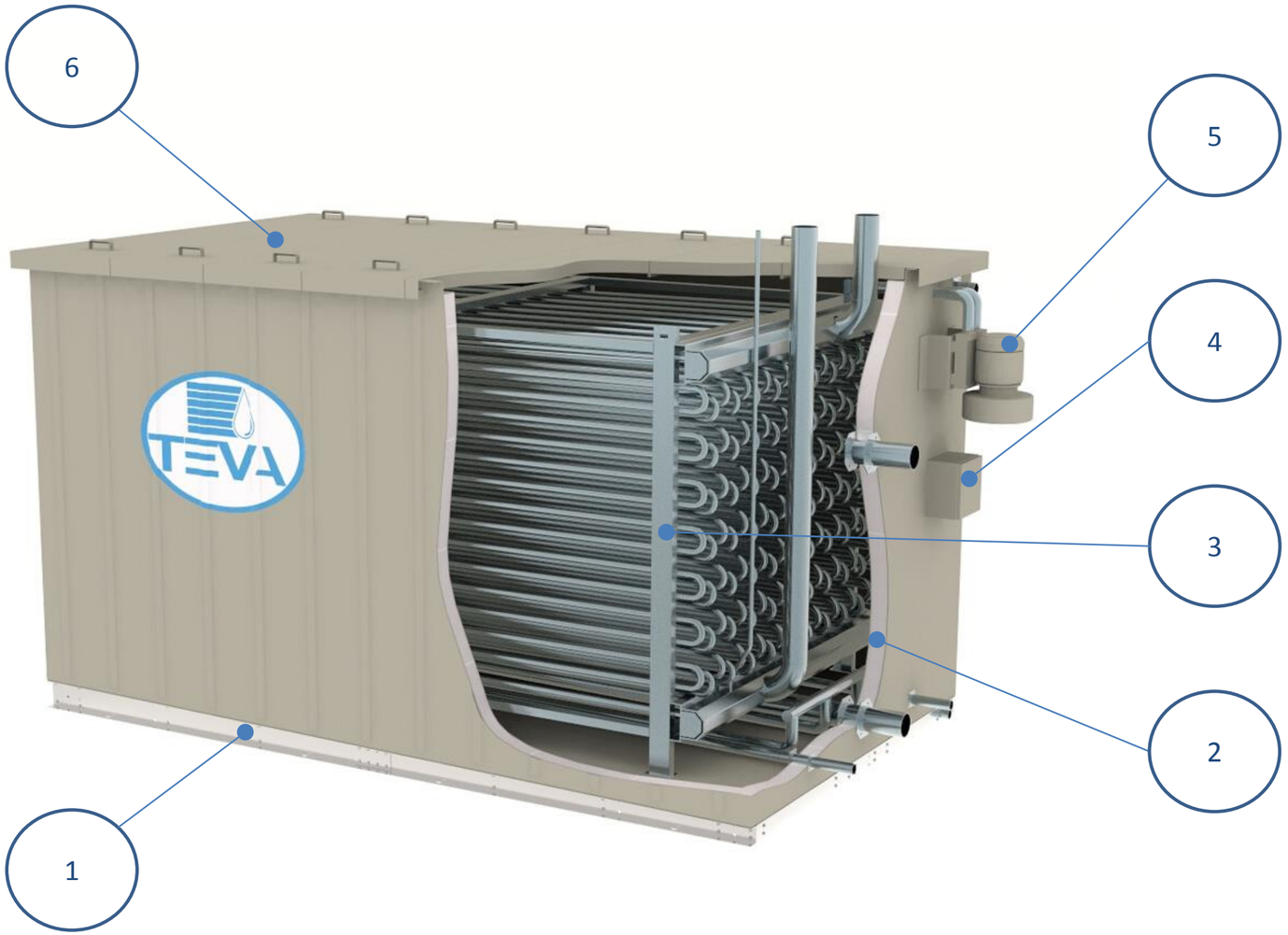
Today, cost and electricity savings are a key element of the design of cooling and air conditioning systems, as well as industrial processes. With TevaGel, storing energy in off-peak hours helps their viability and sustainability.

Energy storing has another great benefit as well as energy savings: the need for a smaller cooling unit, as it does not have to be dimensioned for the highest possible load. The same is true for existing systems, where a new cooler with a greater capacity is not always necessary if you want to expand their capacity.

The TEVA-Gel range consists of a comprehensive automatic system that makes it possible to control the amount of ice to be created depending on the cooling requirements, working with the cooling group and therefore reducing the working hours of the compressor. The uniform merging of the ice is guaranteed thanks to a system of upward air injection from the base of the tank.

The TevaGel storage tank has the appropriate heat insulation and is made entirely out of a single piece of glass-reinforced polyester (GRP), with no joints or bolted fittings, thus avoiding any risk of water leakage or rusting over time. Similarly, all necessary reinforcements are made out of pultruded GRP profiles, with no metal elements or reinforcements or conductors that could create a thermal bridge and lead to condensation on the outside.

FEATURES



1. Base plate on Hot Dip Galvanized Steel with inclination to guarantee for maintenance that you can empty completely the store.

2. Vessel Fabricated on GRP+PU+GRP sandwich type to avoid thermal bridge. Non-corrosion lifetime and no leakages guaranteed. Structure on pultruded profiles.

3. Exchanger fabricated on Hot Dip Galvanized Steel, optional on Stainless Stell.

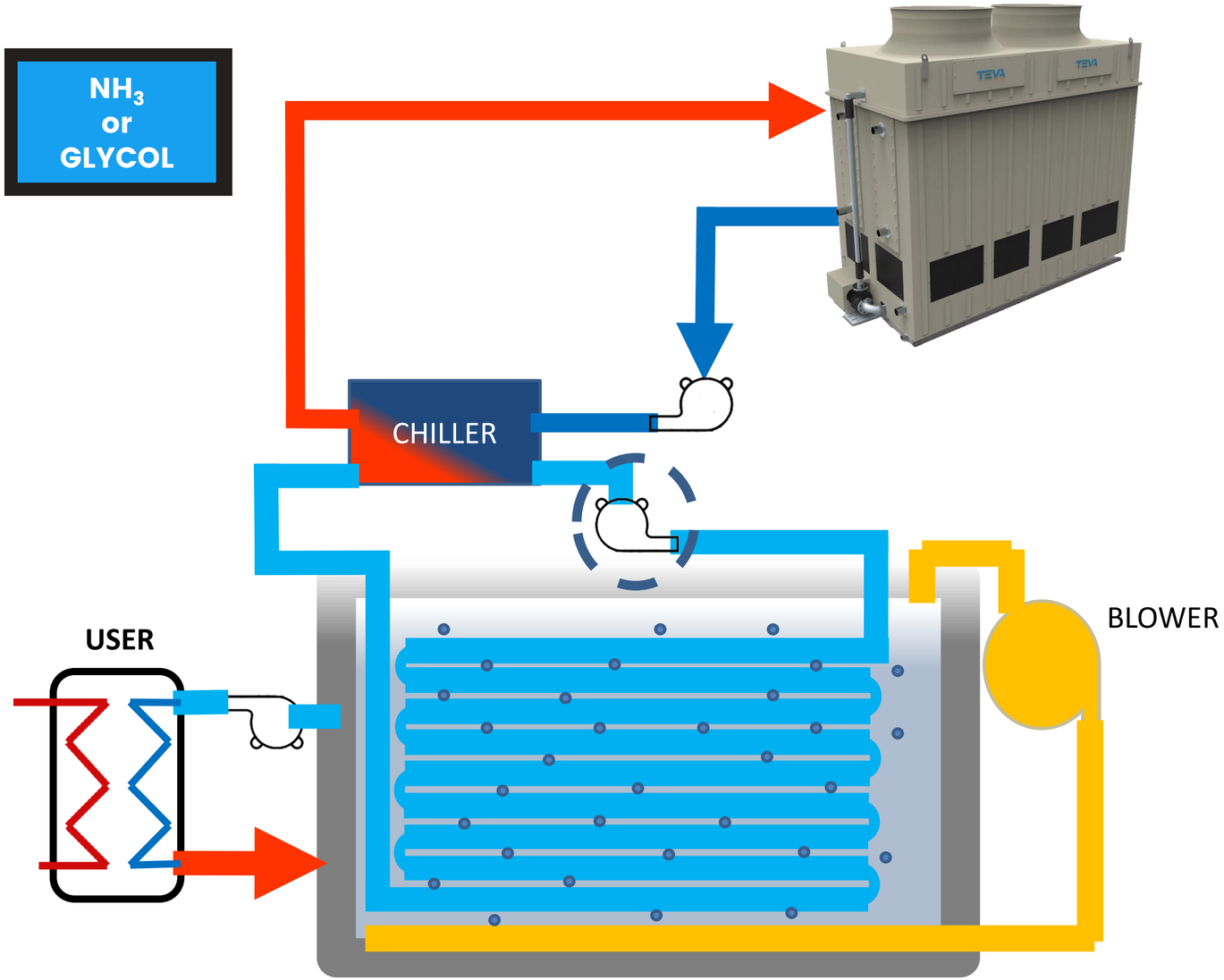
4, Control Panel for easy manoeuvrability and partial operation.

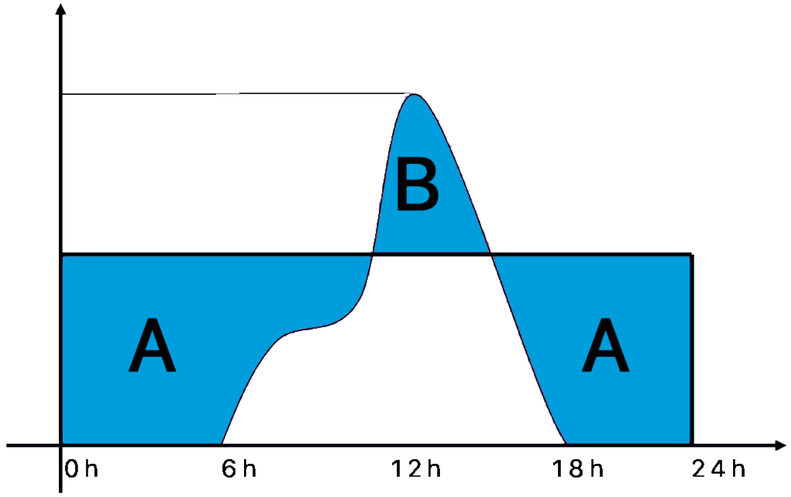
5, Blower to guarantee homogenous temperature around the store.

6. Top Cover for easy maintenance access, fabricated on GRP

PRINCIPAL

NH_3 or GLYCOL





Reduces the peak load

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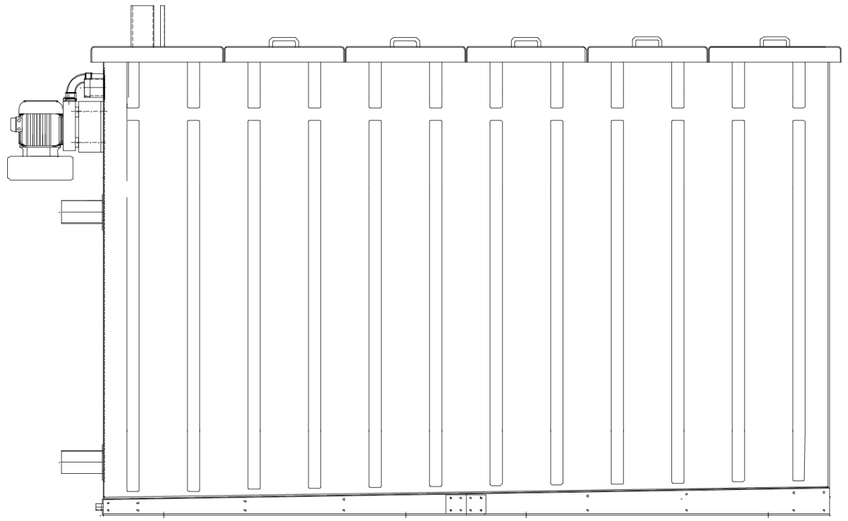
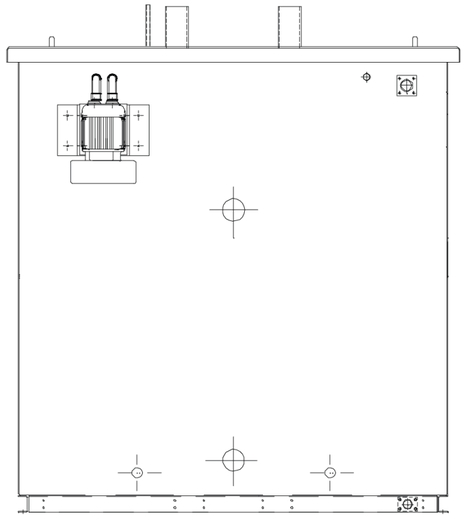
Energy saving

+

Smaller refrigeration equipment

RANGE





MODEL	Max. Output With EG 30% [kW]	Max. Output with NH3 [kW]
G1230	315	301
G1236	379	360
G1828	469	456
G1830	504	482
G1836	605	576
G2136	863	648
G2139	7441	701
G2339	823	778
G2345	953	892
G2350	1005	984
G2357	1158	1110
G2550/2557	1329	1245
G2557/2757	1457	1349