

Arneg Air System: A Valid Helper in Energy Efficiency

ITALY

Continuing its course as a "Naturally Innovative Partner" – always close to the customer's needs, but, at the same time, attentive to the political, economic and social changes involved in the cold sector – Arneg recently developed a new line of closed vertical refrigerated cabinets – Santiago 2, Osaka 3 and Minsk – equipped with the innovative patented Air System technology.

The Arneg Air System consists of a particular circulation of air inside a refrigerated compartment, which can be changed when the doors of the counter open or close by generating dynamic blades of variable geometry that can optimise energy efficiency.

This revolutionary technology provides many benefits:

- Total TEC energy consumption, compared to the equivalent standard model, is reduced by up to 37%.

- Energy efficiency (TEC/TDA) increases by 37%, compared to the standard version.
- At the same operating temperature, the evaporation temperature increases by 7K.
- The minimum evaporation temperature (M0 class) is 0°C. The cabinets always work with defrosted evaporators.
- The products do not undergo any fluctuation in temperature because no defrosting is required.
- All goods are stored within a range of temperatures that never exceed 2K for any operating condition (M0, M1, M2).

The Arneg Air System can be applied to both remote and plug-in furniture. Modern retail outlets will find this new technology a viable alliance, not only in view of the new Ecodesign regulations, which will impose specific restrictions on energy consumption, but, above all, to achieve high energy efficiency.



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