

New Dixell Leaflet: ENERGY SAVING at 360°

Dixell has always been involved in developing and producing controllers that are technically advanced for all market needs and that are able to satisfy all refrigeration, conditioning and lighting requirements. Following market needs, Dixell has developed a complete series of solutions dedicated to the energy saving issue that are now part of a new leaflet that has been printed on green paper. This leaflet, besides a description of the main energy saving products, also offers an allocation of energy consumptions of a medium-size supermarket. It provides a real example that allows to estimate the consumption optimization effect on a supermarket by using Dixell products and to appreciate the rapid amortization of initial investments.

Among different subjects, one of the most important is supervision; the XWEB5000 web server combined with Dixell controllers, can make the device regulation depending on internal and external factors facing possible critical situations. Another important point is the compressor rack that, if correctly managed, can reduce energy consumption. The XC1000D series supports the CRO algorithm for the dynamic suction pressure control and ensures the correct sub-cooling, inverter and dynamic set point management. Among other subjects, a relevant one is the electronic expansion valves and anti-sweat heaters control that supply a complete solution for energy saving in every kind of situation.