

Retail hardware offers numerous benefits



Fourteen dry coolers from Lu-VE with a combined cooling duty of 8MW are providing the air conditioning of this major new retail development located in the South West of Poland close to Gliwice

LU-VE Polska has supplied 14 EHLD1X 6267 E special dry coolers with a combined cooling duty of 8MW to the new 25,000m² Agora shopping centre located in Bytom Poland.

The project was for the air conditioning of this major new development located in the South West of Poland. Pioneers of the original large Vee dry coolers and condensers in the mid 1990s, Lu-VE has years of experience in delivering these types of products to sites worldwide. Eurovent-certified, the EHLD1X dry coolers are constructed using the Lu-VE Safe Tubes System, a patented coil suspension system which completely eliminates the tube contact with the dry cooler frame and provides full protection for the coil tubes during the transportation, installation and operation of the unit.

One of the new design features is the heat exchanger's supporting structure. Patented by Lu-VE, and known as the Smart

Structure, it offers greater product rigidity, reduced weight and improved air distribution.

The EHLD1X offers high efficiency due to the performance of the heat exchanger – a combination of newly developed aluminium fins and special copper tubes which are matched to the high efficiency low consumption fan motors.

To maintain and optimise the capacity of these units they were installed with Lu-VE RUS 8-step electronic fan speed controllers. These RUS fan speed controllers maintain the performance of the dry cooler within prefixed values for any given load whilst at the same time reducing the power consumption and noise levels of the fans.

The EHLD Giant Vees have been joined by the XXLD Mega Vee units which now have the capability to deliver in excess of 2300kW from a single unit.

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