

Troy See Things Clearly with Dry Air

By controlling relative humidity (RH) at the Troy (CL) site in the UK - which produces contact lenses - environmental control specialist Munters have been able to maintain consistent conditions for optimum production.

As pharmaceutical products are more 'moisture-sensitive' than most it is imperative that the relative humidity (RH) and temperature in the production area remain constant. Back in 1984 a Munters desiccant dehumidifier was installed to do just this. This system has worked exceptionally well and after 21 years they finally decided it was time for a replacement. A new system was installed to give many more years' reliable service.

Ken Smith from Troy (CL) UK says "The old system finally became deceased after a long and faithful service, to be replaced by a new one. This is quieter and runs for less time, resulting in an energy cost saving as well."

The principle of Munters desiccant dehumidifiers is very simple. Moisture is absorbed onto a slowly-revolving desiccant wheel as the air passes through. A small heater reactivates the wheel in another air-stream and drives off the moisture which has collected on the drying side of the dehumidifier. This is either vented outside the building or collected as condensate and discharged. As all the moisture is removed as water vapour by the desiccant wheel, the dehumidifier can operate effectively even at very low temperatures and still maintain the desired humidity conditions.

Contact lense quality



Benefits:

- Heat free drying
- Perfect quality
- Year round stability
- Energy efficient

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Munters

The Humidity Expert