

PHARMACEUTICALS



- Same production climate all year round
- High, consistent quality all year round
- High level of hygiene

DST supplies a controlled climate

When producing pharmaceuticals, a very well controlled climate is required as such products are very susceptible to moisture. Seibu Giken DST AB has more than 20 years' experience of supplying climates to suit customers' requirements throughout all elements of pharmaceutical manufacture. DST representatives are able to use their experience and a broad range of products to efficiently resolve all the problems with humidity that can occur when manufacturing, packaging and storing pharmaceutical products.

Moisture and hygroscopic materials

Substances for tablets are extremely absorbent, i.e. hygroscopic. Moisture can affect the weight, firmness and quality of the products. When protecting ingredients that are susceptible to humidity, are you avoiding unnecessary discarding of products due to too high a relative humidity on the premises.

Experiments in laboratories

Controlled humidity on premises is a must if experiments are to be carried out in a controlled manner. If the relative humidity level is maintained less than 50% are you able to guarantee that there will be no unwanted bacterial growth.

Mixing, weighing and coating of tablets

When hygroscopic ingredients are mixed and weighed it is important to maintain a controlled level of moisture in the room. When several substances are being mixed the products can vary in weight from one day to another if the relative humidity in the room is not constant. The temperature sensitive products are drying better in air with low moisture level.

Packaging and storage

A controlled humidity at packing and storage is a requirement to ensure that the products maintain a consistently high quality.

World leaders in dehumidification.



References

Austria: Sandoz

Canada: Avid Health

France: Capsuge, GSK, UPSA, Macors, Sanofi, Sarget,

Germany: Degussa, Driam Gmh

Italy: Hammer Pharma, Pfizer, Neopharmed

Jordan: Al Hikma, DFK, United Pharma

Singapore: 21st Century Pharmaceutical

Spain: Abbot, Balneario solan de cabras, Clinica Oftalmologica a ver. Hospital marque de vadecilla

Sweden: Astra Zeneca

Switzerland: Konapharma AG, Sipharm AG

Turkey: Bayer, Deva Holding A.Ş., Pfizer Neutec, Zentiva

Seibu Giken DST AB

TO SELECT A DEHUMIDIFIER

Seibu Giken DST AB can provide the answer to the specific needs of every application. There is no problem requiring the supply of dry air that cannot be solved. Visit us at www.dst-sg.com and find your nearest technical representatives to discuss your requirements.

Why dehumidify?

Dehumidification of air is an economic and effective way of avoiding problems that moisture can cause, such as rust, condensation, icing, mould and disruptions in production cycles. DST representatives have the experience of dehumidification solutions for everything from; warehouses, refrigerated storage, cleaning up the industry and buildings and climate solutions for the process industry. A regulated level of humidity is also very important when handling hygroscopic ingredients.

Seibu Giken DST AB

DST is a Swedish company, founded in 1985. We are now a leading international supplier of desiccant dehumidifiers. DST has been a subsidiary of Japanese company Seibu Giken Co Ltd since 1993. DST is currently represented in over 40 countries throughout the world. Seibu Giken Co manufactures dehumidifier rotors, VOC rotors, heat exchangers and more.



Flexisorb unit CF-192



Stainless steel dehumidifiers from Seibu Giken DST. From left DR-010B, DC-5, AQ-31L



Seibu Giken head office, Fukuoka, Japan

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DST East Africa | Nairobi, Kenya
info@dsteastfrica.ke | www.dsteastafrica.ke