

Seibu Giken DST is now one of the world's top suppliers of dehumidifiers, with representatives in over 30 countries. DST has been a subsidiary of Japanese company Seibu Giken Co Ltd. since 1993.

Seibu Giken Co manufactures dehumidifier rotors, VOC motors, heat exchangers, honeycomb rotors, etc.

Find out more at www.seibu-giken.co.jp



Seibu Giken DST is certified according to ISO 9001.

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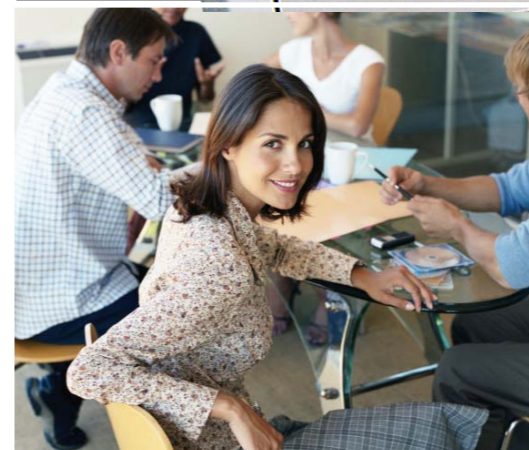
Representative



2007 GB Layout and Illustrations: Illustrator AB, Danderyd. Foto: Per Arvidsson, Fotograf Kerstin Eliert, Fotogruppen, Fotograf Pelle Stackman, m.fl. Print: Stoklikt-Landströms



**Flexisorb
EFA**
– energy efficient
bespoke
dehumidifiers
from Seibu
Giken DST



www.dst-sg.com

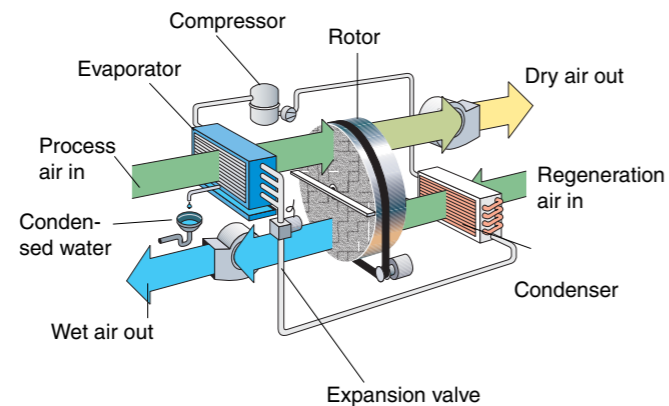


Econosorb

– highly energy efficient dehumidifiers

Econosorb

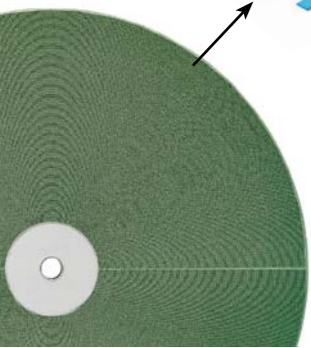
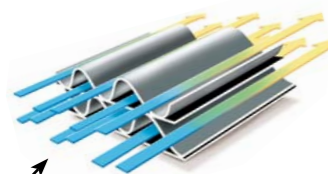
Combines a heat pump with the sorption rotor in a unique manner which results in very low energy consumption and low dry air temperature. Probably the most energy-efficient dehumidifier on the market, this unit uses around a quarter of the total energy used by standard sorption dehumidifiers. Econosorb has both condensation and wet air.



The SSCR rotor

The SSCR adsorption rotor from Seibu Giken is at the heart of every DST dehumidifier. This SSCR rotor has been a leading light in the field of adsorption technology for many years now, and offers many advantages:

- the rotor is washable and environmentally friendly
- no particles are carried out in the dry air
- long service life
- high dehumidification capacity
- bacteriostatic



External locks for easy cleaning on the inside

Handle for all service doors

Inspection window for rotor and evaporator

Optional:
Temperature- and humidity control graphic display

Robust bottom frame in hot dip galvanised steel

45 mm double skin PU-insulated panels. Galvanized steel, powder coating on outside.

Aluminum profiles with thermal cold bridge free design



Direct driven plug-fans with VSD



Scroll compressors



Seibu Giken DST also offers you dehumidifiers with all the extra equipment you might need. The photo shows a CF-152 with DX-cooling. L 7000 mm, W 2500 mm, H 3500 mm

	EFA-18T	EFA-101T	EFA-102T	EFA-122T	EFA-152T
Capacity:	20,5 kg/h	40 kg/h	74 kg/h	128 kg/h	180 kg/h
Dry airflow:	1800 m ³ /h	3600 m ³ /h	7200 m ³ /h	11600 m ³ /h	17600 m ³ /h
Available static pressure:	200 Pa	200 Pa	200 Pa	200 Pa	200 Pa
Total power consumption:	4,8 kW	9,8 kW	22,4 kW	39,4 kW	59,8 kW
Overall length x width x height [mm]	2000 x 1030 x 1670	2380 x 1330 x 2110	3000 x 1650 x 2190	3170 x 1950 x 2310	3340 x 2330 x 2400

at 1,2 kg m³/h

at 30 C° / 19,3 g/kg

Wet airflow varies automatically with regeneration air temperature. Maximum wet airflow is double the dry air flow.