

Rotor units

RU-060-102

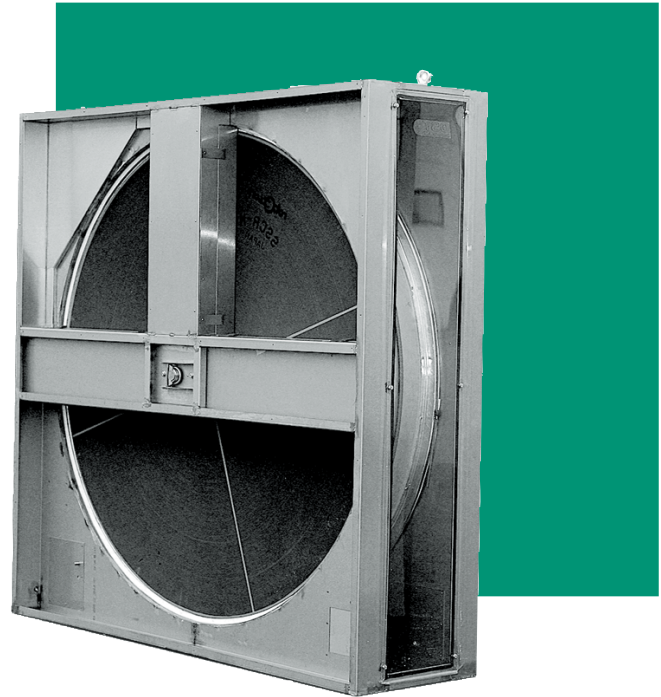


These high quality desiccant units are specially designed with a stainless steel chassis for building into customized air handling systems where a standard dehumidifier does not fit or match your specifications. Using the SSCR silica gel rotor unit, complete air handling systems can be designed and manufactured to conform to almost any specification.

The SSCR rotor is supplied with a three year performance warranty, and is manufactured according to ISO 9001.

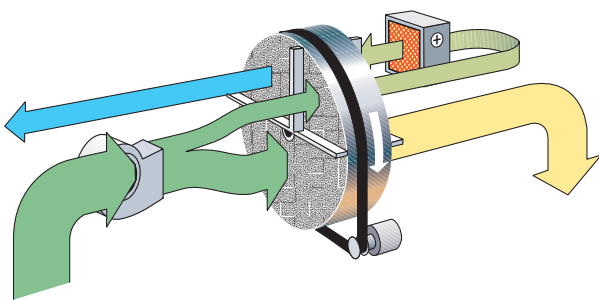
Each rotor unit comprises :

1. The SSCR desiccant rotor
2. Geared drive motor with belt transmission (optional flame proof)
3. Stainless steel chassis
4. Sector seals

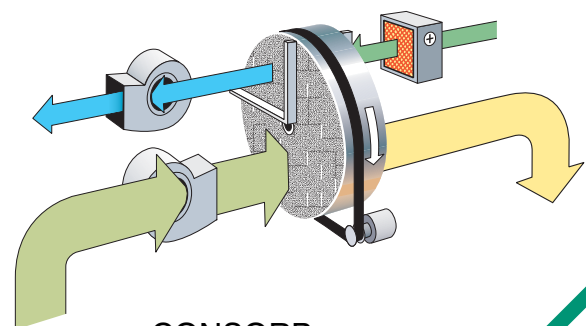


- Non toxic
- Non flammable
- Non corrosive
- Bacteriostatic

- No desiccant dispersion
- Washable in water
- Dewpoints down to -60 °C achievable



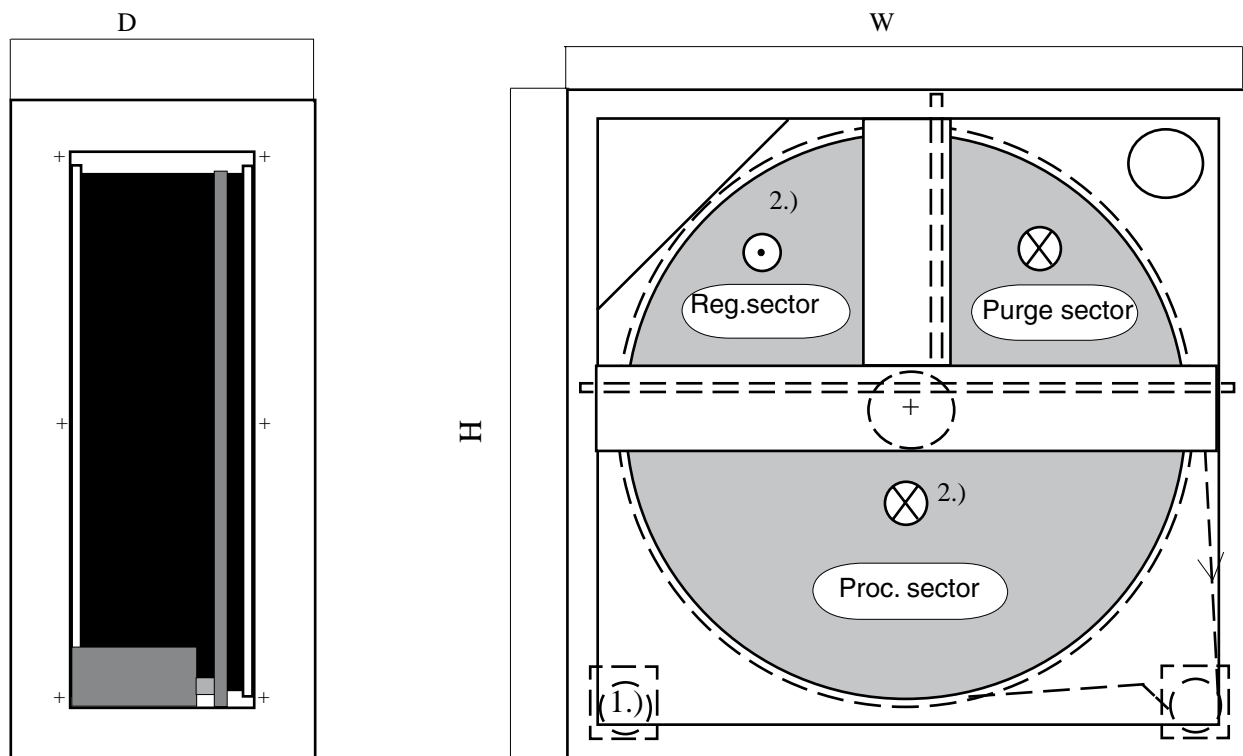
RECUSORB



CONSORB

The SSCR rotor -
one step ahead in
adsorption technology

Dimensions



- 1) Alternative motor position
 2) Air flow direction when motor is placed in standard position as shown above

⊗ Air flow going into rotor ⊙ Airflow going out from rotor

See other datasheets for larger airflows (RUF-122 to -242).

Model	Recommended * dry air flow [m ³ h]	Dimensions [mm]			Rotor area [m ²]	RU weight
		Height	Width	Depth		
RU-060	700	700	700	290	0,22	40
RU-061	1'300	700	700	340	0,22	45
RU-062	2'300	700	700	440	0,22	57
RU-082	4'400	920	920	440	0,42	85
RU-102	6'800	1220	1220	440	0,68	120

* Volume flow for density 1,20 kg/ m³.

Gives approximately $\Delta x = 6\text{g/kg}$ at 20 °C/ 60% RH and Recusorb with regeneration temperature 140°C.

For detailed design or for larger RU, please contact your nearest Seibu Giken DST-representative for data.