

Rotor units

RUF 122 - 242

- The desiccant SSCR or D-Max rotor
- Geared drive motor with chain transmission
- Stainless steel chassis
- Sector seals

These high quality desiccant units are specially designed for building into customised air handling systems where a standard dehumidifier does not fit or match your specifications. Using the silica gel rotor unit, complete air handling systems can be designed and manufactured to conform to almost any specification. The RUF rotor units are built on an anodised aluminium frame with inner panels of stainless steel. Rotor rotation is via a self tensioning chain drive and 3 phase motor/gearbox.

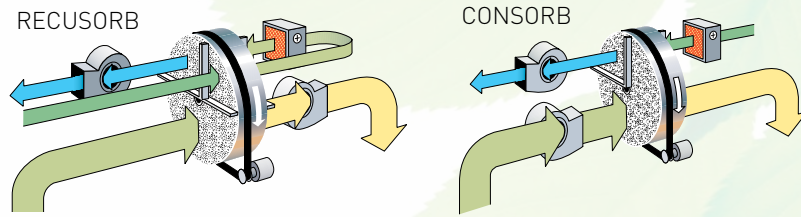


Choose between five rotors from Seibu Giken, all with unique qualities:

- D-Max - rotor sizes up to Ø 122
- SSCR-U - rotor sizes from Ø 152
- D-Max H - bactericidal & hygienic
- D-Max CI - silicon free rotor
- SZCR - zeolite rotor for low dew points



The rotor unit operates using one of these two dehumidification principles.



See other data sheets for smaller airflows (RU-060 -102). Optional: other rotor configurations

Technical data RUF						
Model: Recusorb / Consorb	Nominal airflow* [m³/h]	Nominal capacity* [kg/h]	Height [mm]	Width [mm]	Depth [mm]	Weight [kg]
RUF-122	11 000	79	1500	1500	500	250
RUF-152	17 000	127	1805	1805	500	320
RUF-172	23 000	171	2010	2010	500	360
RUF-192	28 000	208	2220	2220	500	450
RUF-222	38 000	274	2470	2470	500	650
RUF-242	45 000	326	2700	2700	500	760

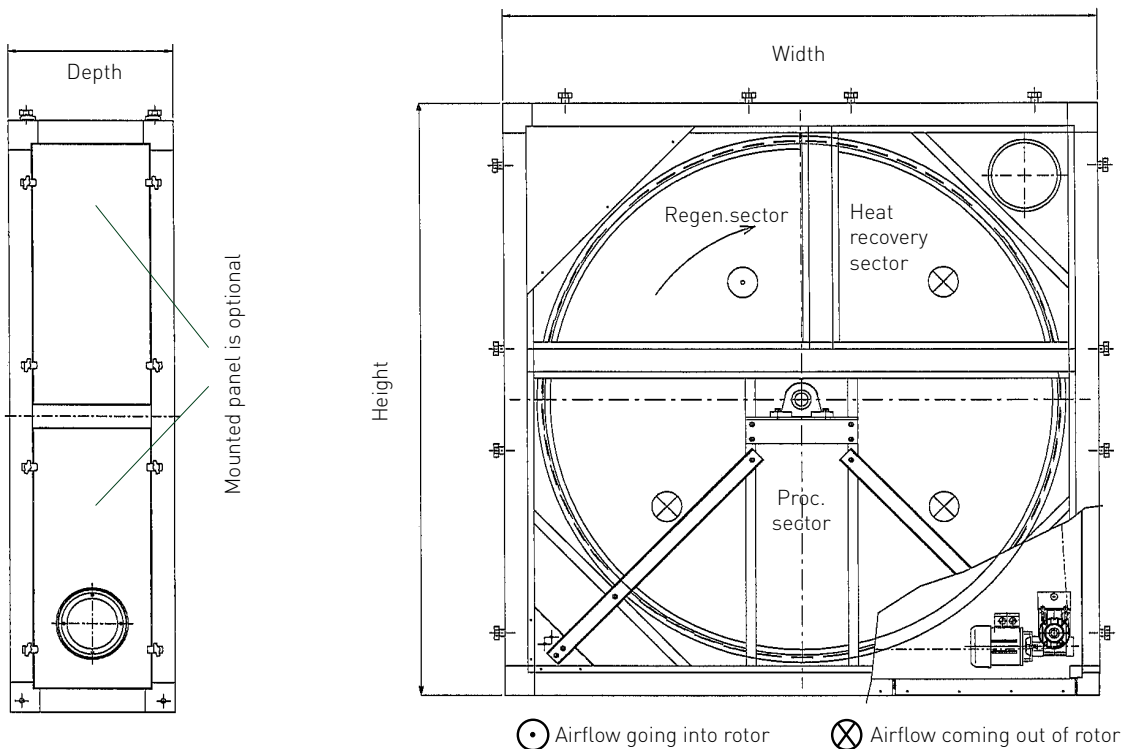
* At nominal airflow and 20°C / 60%RH.

Recusorb: Process-sector 60 % , Heat recovery sector 15 % , Reg. sector 25%

Consorb 75/25: Process-sector 75% , Reg-sector 25%

Consorb 60/40: Process-sector 60% , Reg-sector 40%

TECHNICAL DATA



For detailed design or for smaller rotor units, please contact your nearest Seibu Giken DST-representative for data. You can also visit us at www.dst-sg.com

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