Cooling by heating! Use enviromently friendly desiccant cooling !

DehuTech desiccant cooling units type DS cool the air without using compressors or freon!
As driving force low grade energy e.g. recovered heat may be used.
In addition a very high heat recovery factor is obtained during winter operation.

- Units manufactured in Sweden according to ISO 9001-/ ISO 14001.
- Fully insulated (50 mm) casing with panels in aluzinc.
- Patented silica gel adsorption rotor.
- State of the art plug in fans with low SFP value.
- Eurovent certified rotary heat exchanger manufactured according to ISO 9001.
- Evaporative cooler with direct alternatively recirculating water supply system.
- High quality heating coils with copper tubes and aluminium fins.
- Delivered with or without control system.
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DehuTech AB has since the year 1980 delivered high quality desiccant units to different customers all over the world.

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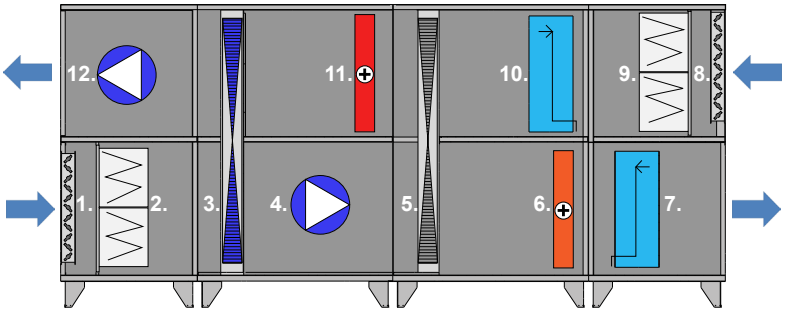

Principle, desiccant cooling.

1. Damper, outdoor air
2. Bag filter.
3. Silica gel adsorption rotor.
4. Supply air fan.
5. Rotary heat exchanger.
6. Heating coil.
7. Evaporative cooler, supply air.
8. Damper, extract air.
9. Bag filter.
10. Evaporative cooler, extract air.
11. Heating coil, reactivation.
12. Exhaust air fan.

DehuTech

Mätslingan 22, SE-187 66 Täby, Sweden
Phone +46 8 792 04 08 Telefax +46 8 792 55 59
info@dehutech.com www.dehutech.com

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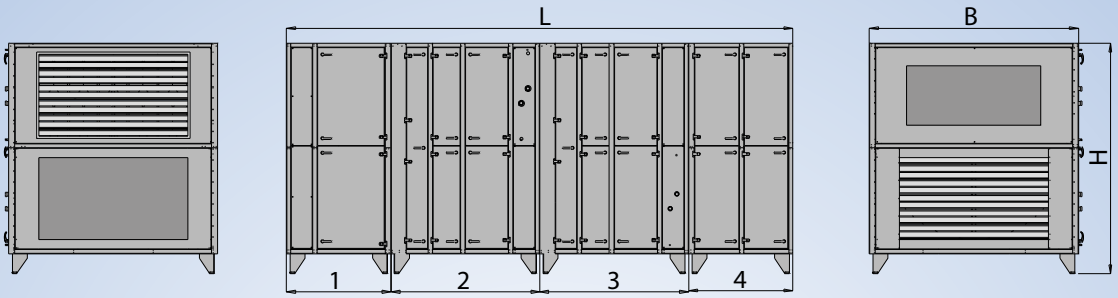

Dimensions [1)]

Model	L	B	H	1	2	3	4
DS 9000	6100	1875	2170	1050	2000	2000	1050
DS 13000	6400	2290	2585	1200	2000	2000	1200
DS 19000	6800	2540	2835	1400	2000	2000	1400
DS 22000	6800	2800	3095	1400	2000	2000	1400
DS 30000	7810	3146	3580	2000	2000	2000	1810
DS 40000	7810	3500	3880	2000	2000	2000	1810
DS 60000	7810	4346	4390	2000	2000	2000	1810

Technical data

Model	nominal air flow cbm/h
DS 9000	9000
DS 13000	13000
DS 19000	19000
DS 22000	22000
DS 30000	30000
DS 40000	40000
DS 60000	60000

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