

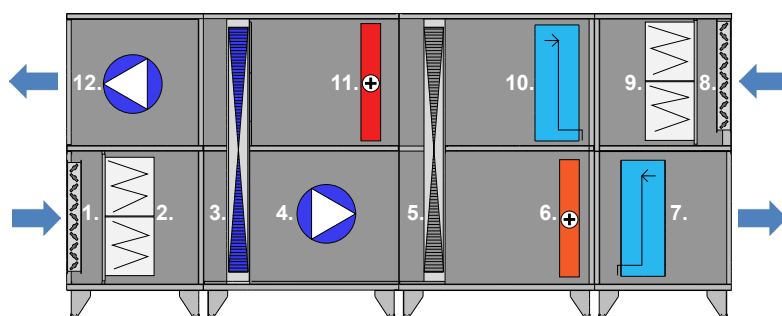
Cooling by heating! Use enviromentally friendly desiccant cooling !

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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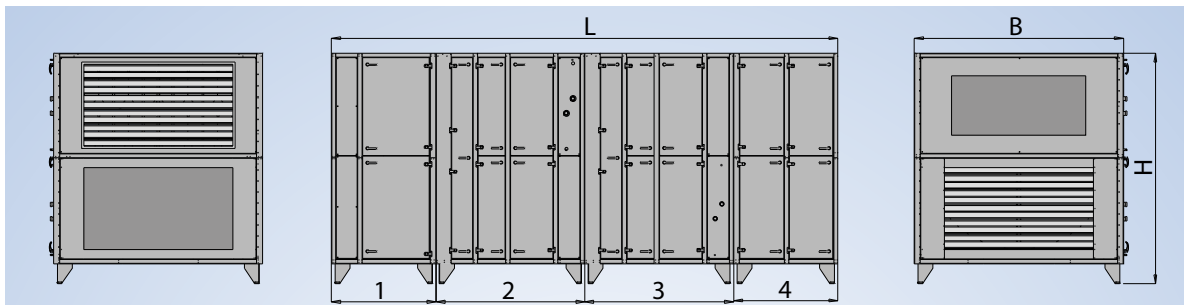


Principle, desiccant cooling.

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.



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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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