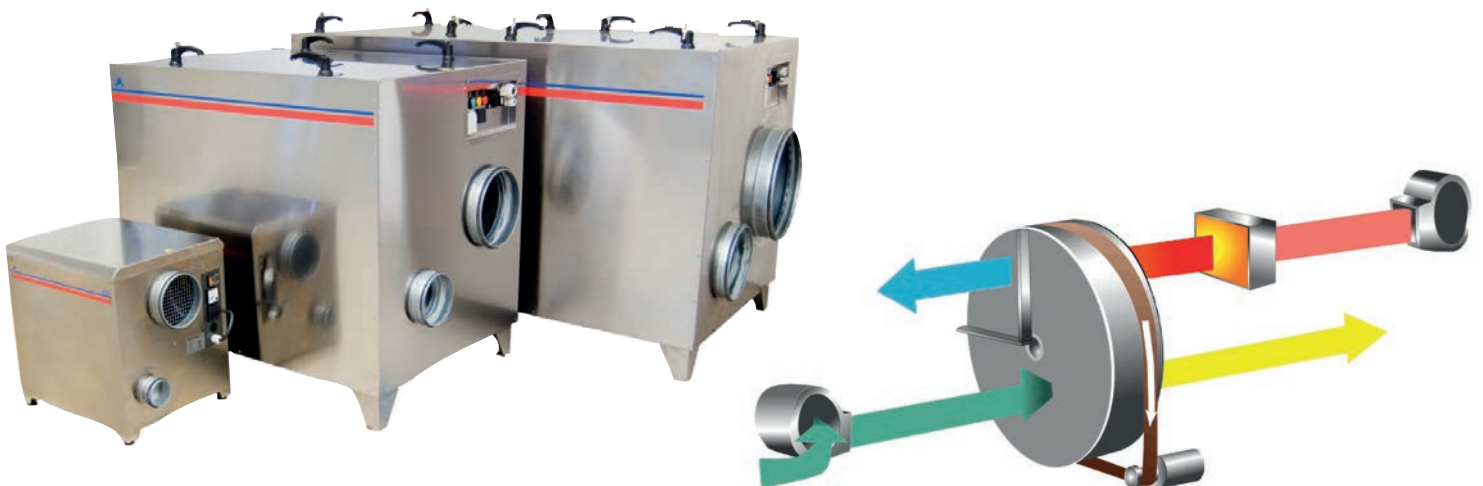




Sorption Air Dehumidifiers



Brief Overview



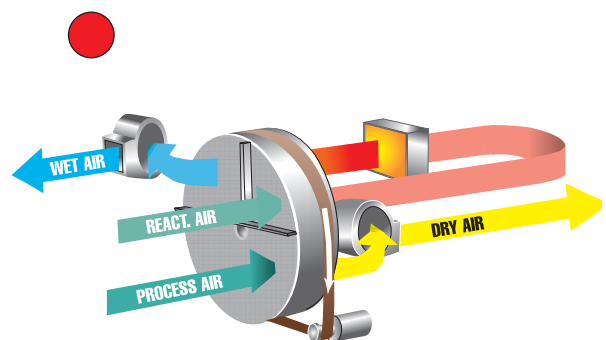
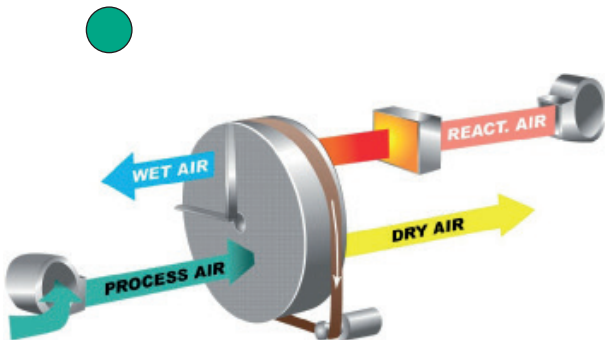
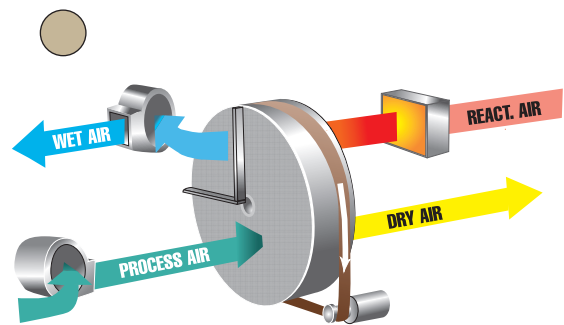
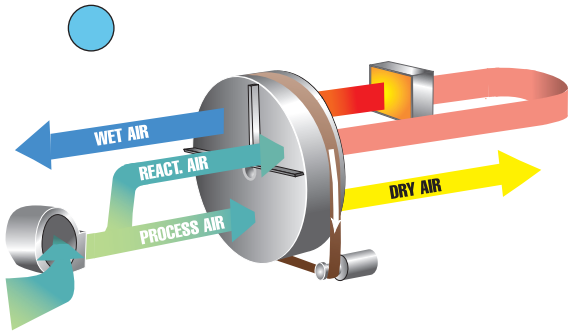
Dehumidification principles



The basic principle of adsorption dehumidification is honeycomb sorption rotor during its rotation from process air flow constantly absorbs moisture.

Sorbent silica gel can be prepared in various ways.

Captured water vapor inside the rotor is during regeneration vaporized and released into a separate exhaust. Necessary heat for the heating of air can be done (according to type) is possible to obtain by electric heater, the saturated steam, by direct combustion of natural gas or by hot water.



Adsorption air dehumidifier with gas reactivation.



Adsorption air dehumidifier with hot-water reactivation.

Dehumidifier

DT-160

DT-210

DT-250

DT-440

DT-400



Dry Airflow (m³/h)

160 210 250 440 400

Capacity:
(a20°C & 60%RH)

kg/h

0,6 1,1 1,4 1,5

DT-450

DT-800 DT-1100

DT-1300 DT-2300 DT-3300 DT-3500



450 800 1100 1300 2300 3300 3500
2,2 4,4 6,0 9,5 13,8 14,7 19,2

DT-6000 DT-8000

DT-13000

DT-4500 DT-5800 DT-7000 DT-9000



4500 5800 7000 9000 6000 8000 13000
24,6 29,3 43 50 39 53 86

DT-19000

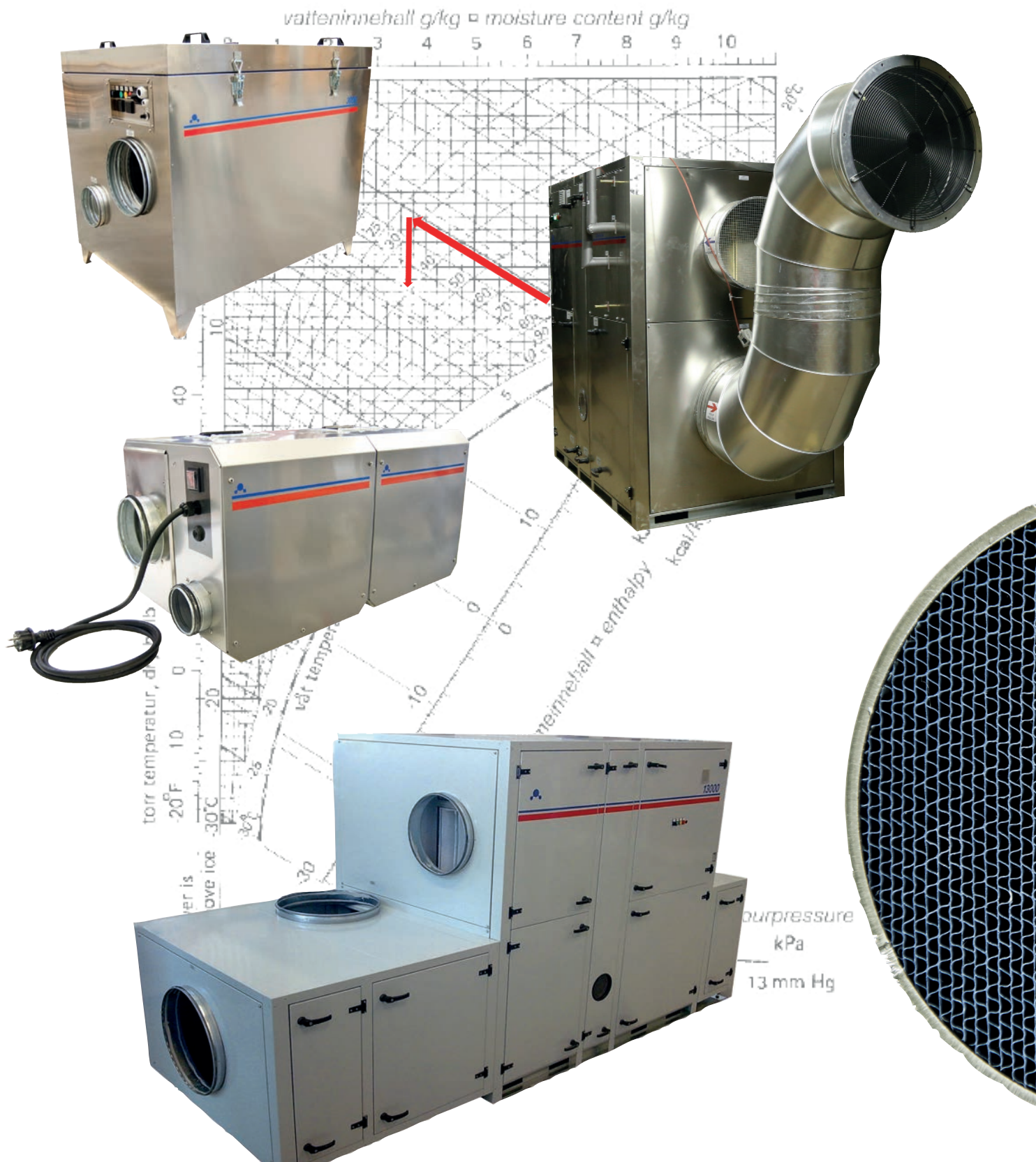
DT-27000

DT-35000 - DT-55000



19000 27900
126 182

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FILCO®, spol. s r.o.
Dvorská 464/103
CZ-503 11 Hradec Králové
Tel: +420 495 436 233
info@filco.cz
www.filco.cz | www.dehutech.cz

