



HANKISON

NEW

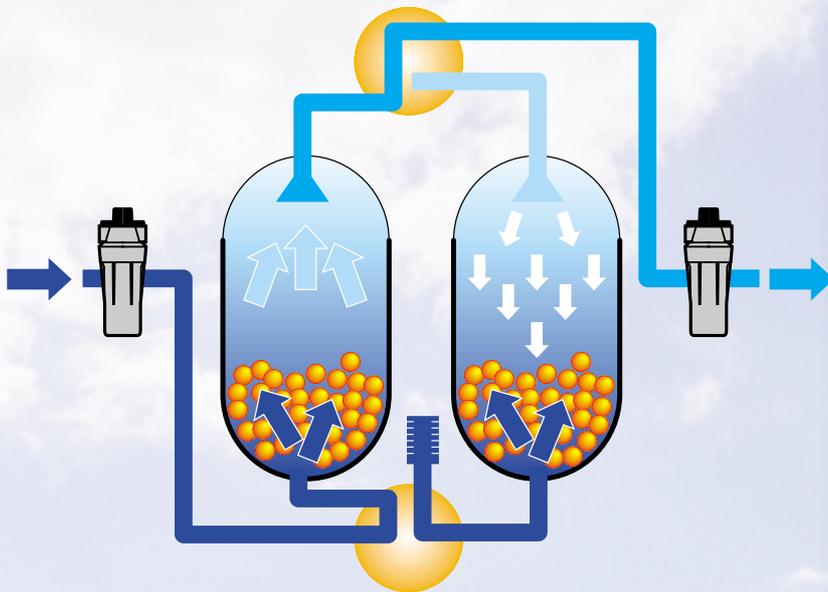
Desiccant Dryers HHC Series

for flows from 5-240 m³/h

The operating principle

Specifically for dew point temperatures as low as -70°C. These dryers are used where the air system is exposed to temperatures below freezing or when very dry air is required for critical applications.

Air passes through a tower containing desiccant media where water vapour is attracted to the surface of the desiccant. The saturated desiccant is continually regenerated and its lifespan, dependent upon the quality of air, can be extended. These regenerative dryers utilise twin towers technology, where the air supply is switched from tower to tower so that one tower is on-line drying while the other tower is off-line being regenerated.



- Low investment costs.
- Low maintenance costs.
- Simple construction.
- User-friendly operation.
- Easy installation and maintenance.
- Constant low dew point.
- Reliable performance!
- (Optional) - Dew points to -70°C.
- Desiccant dryers HHC are supplied ready for connection and immediate operation. (excludes pre & after filters).



Adsorptionstrockner, Serie HHC / Pressure Swing Dessicant Dryer, HHC Series

Model	m ³ /h	Working pressure max.	K _w	Connection	Recommended - Prefilter HF 5 Recommended - Afterfilter HF6	Dimensions (mm)			Weight Kg
						H	W	D	
HHC 6	5,80	10	0,47	3/8"	HF5/6 12	137	237	653	13
HHC 10	9,70	10	0,47	3/8"	HF5/6 12	137	237	653	13
HHC 18	17,50	10	0,47	3/8"	HF5/6 12	137	237	653	17
HHC 23	22,40	10	0,47	3/8"	HF5/7 12	137	237	941	19
HHC 34	33,40	10	0,47	3/8"	HF5/6 12	137	237	941	24
HHC 57	56,10	10	0,47	1/2"	HF 5/6 16	198	368	424	37
HHC 78	77,40	10	0,47	1/2"	HF 5/6 20	198	368	424	43
HHC 120	120,90	10	0,47	3/4"	HF 5/6 24	198	368	1326	64
HHC 185	183,10	10	0,64	1"	HF 5/6 28	198	368	1326	110
HHC 242	241,40	10	0,64	1"	HF 5/6 28	198	368	1326	130

- Pneumatic Control & 16 bar.g options available.

Capacity correction factors for various inlet pressures (bar.g)

Minimum Inlet Pressure	4	5	6	7	8	9	10
Multiplier	0,47	0,65	0,88	1,0	1,08	1,14	1,20

Capacity correction factors for various inlet temperature °C

°C	+5	+30	+35	+40	+45	+50
Multiplier	1,0	1,0	1,0	0,88	0,70	0,60

Capacity correction factors for various outlet dewpoints °C

°C	-10	-20	-30	-40	-50	-60	-70
Multiplier	1,12	1,1	1,05	1,0	0,89	0,72	**

**Optional Dewpoint -70°C (available)

Note:- Flow rates will change when selecting -70°C optional dewpoint, please consult our office.

Air flow acc. to VDI 2045 based on: +20°C and 1bar absolute, working pressure: 7bar,
max. working pressure: 10bar, (optional 16 bar) max. inlet temperature: +50°C.

Compressed air inlet temperature: +35°C, ambient temperature: +25°C, electrical connection 230V/50Hz,
unit complete and ready for use. (excludes pre and afterfilter).

SPX HANKISON - Technical design and prices are subject to change without notice.

(Issued Sept 2005) - Dimensions and weights are for reference only. Request certified drawings for construction purposes.
Our general terms of sales and delivery are available from our office.

SPX Air Treatment

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