

# Compact adsorption drying correctly implemented

Efficient compressed air drying in confined spaces?  
With the **DRYPOINT® ACC**, retrofitting is simple and safe.

- ☒ **Stable pressure dew point down** to -40°C at nominal flow, down to -70°C at <70% load
- ☒ **Energy-efficient** thanks to compressor synchronization and intermittent operation
- ☒ **Maximum process reliability** thanks to constant drying performance even with load fluctuations
- ☒ **Easy maintenance** thanks to uniform cartridge system and good accessibility
- ☒ **Flexible, space-saving installation:** floor, wall, vertical or horizontal



## WHEN ADSORPTION IS THE BETTER CHOICE

Use adsorption drying for:

- ☒ Sensitive applications (e.g., pharmaceuticals, food)
- ☒ High drying requirements or dew point requirements
- ☒ fluctuating loads or operating conditions
- ☒ Requirement for ISO-compliant compressed air quality

**Tip:** Ideal for use when only a single system has increased requirements for dry compressed air.

## STANDARD OR PREMIUM VARIANT?

How to make the right decision

Feature	Standard	Premium
Control	LED display	color touch display
Regeneration	Time-controlled	Demand-driven dew point sensor
Energy efficiency	Reduced air consumption thanks to compressor synchronization	Optimal energy savings through demand-based control
Dew point display	–	Live display
Filter equipment	pre-filter + BEKOMAT®	Pre- and post-filters + BEKOMAT®
Analog inputs	–	Expandable

**Recommendation:** Premium for sensitive applications, high energy-saving potential, or digital integration

## ARGUMENTS FOR PURCHASE AND TECHNOLOGY

- ☒ Low operating costs thanks to demand-based drying (Premium)
- ☒ Easy maintenance: Cartridge replacement from above, uniform cartridge type
- ☒ Reliable quality: ISO 8573-1 compliant, stable dew point down to -40°C (at partial load -70°C)
- ☒ Future-proof: retrofittable, integrable, durable, no refrigerants (F-gases)

## APPLICATION EXAMPLES

- ☒ Retrofit: Replacement of old refrigeration dryers due to increased requirements
- ☒ Machine connection: End-point drying in paint shops
- ☒ OEM solutions with limited installation space
- ☒ Hygiene-sensitive areas: compressed air for food production lines

### 1. Required volume flow:

☐ \_\_\_\_\_ m³/h

### 2. Required compressed air quality according to ISO 8573-1:

☐ Class 2 (-40°C)    ☐ Class 1 (-70°C)    ☐ Not relevant

### 3. Desired pressure dew point:

☐ -40°C    ☐ -70°C    ☐ Not relevant

### 4. Installation type:

☐ Floor mounting    ☐ Wall mounting  
☐ Vertical    ☐ horizontal

### 5. Space requirements:

☐ very cramped    ☐ normal  
☐ Large open space

### 6. Control/monitoring requirements:

☐ LED is sufficient    ☐ Dew point display desired  
☐ Connection to PLC

### 7. Maintenance by:

☐ Internal personnel    ☐ External service partner

### 8. System / application / location:

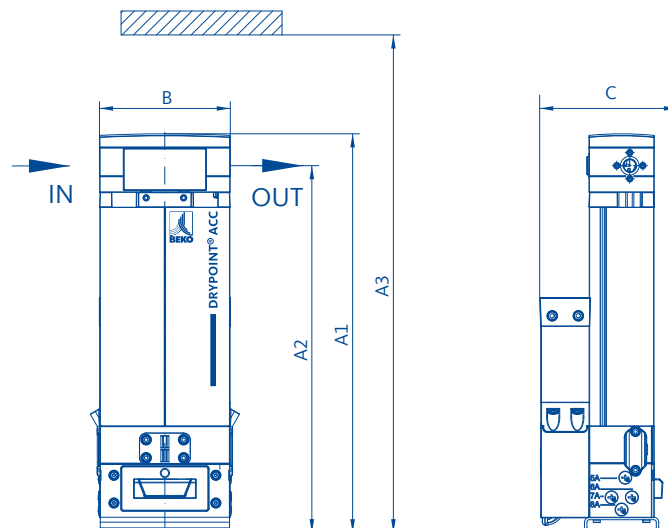
### 9. Notes or special features:



Drying

# DRYPOINT® ACC & ACC P

Cold regenerated Adsorption dryer



DRYPOINT® ACC and ACC P	005	010	015	025	035	050	065	080	100
Connection dryer	G3/8"	G3/8"	G3/8"	G3/8"	G3/4"	G3/4"	G3/4"	G3/4"	G3/4"
Connection CLEARPOINT® pre-filter (grade SX)	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"	G1/2"	G1/2"	G1/2"	G1/2"
Connection CLEARPOINT® after-filter (grade FX)*1	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"	G1/2"	G1/2"	G1/2"	G1/2"
Volume flow rate (m³/h)	5	10	15	25	35	50	65	80	100
Operating pressure (bar max.)	16	16	16	16	12	12	12	12	12
Operating pressure (bar min.)	4	4	4	4	4	4	4	4	4

## Dimensions dryer

A1 (mm)	489	756	1023	1557	850	1114	1378	1642	1906
A2 (mm) height of connection	450	717	984	1518	788	1052	1316	1580	1844
A3 (mm) minimum height for cartridge change	897	1164	1431	1965	1266	1530	1894	2058	2322
B (mm)	160	160	160	160	260	260	260	260	260
C (mm)	110	110	110	110	171	171	171	171	171
Weight dryer (kg)	10	15	21	31	34	45	57	68	79

\*1 only included with ACC P

Operating conditions		Reference conditions according to DIN / ISO 7183	
Pressure dewpoint standard setting (outlet)	-40°C at nominal load, -70°C at <70% volume flow	Medium	Compressed air
Compressed air quality acc. to ISO 8573-1:2010	PDP -40°C: [-:2:-]. PDP -70°C: [-:1:-].	Volume flow rate in m³/h relative to	+20°C, 1 bar [g]
Min. ... Max air inlet temperature	+5°C ... +55°C	Operating pressure	7 bar
Ambient temperature	+4°C ... +50°C	Compressed air inlet temperature	+35°C
Max. operating temperature	+55°C	Inlet humidity	saturated
Purge air consumption	17% of nominal flow		
Electrical power supply	110 ... 230 VAC, 50-60Hz, 24 VDC		
Protection class	IP 65		



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