ANKERSMID Sampling

ANKERSMID Automatic liquid drain
ALD 0x0 Series

Application

The Ankersmid liquid drain **ALD** is used in gas conditioning systems where condensate must be drained after cooling the gas. Liquid drains remove liquid continuously and automatically without wasting air or gas. In addition to drainage of the system, liquid drains provide:

- Trouble-free operation with minimal need for adjustment or maintenance
- Reliable operation even in the presence of dirt, grit and oil
- A long operating life time
- Minimal air loss

Over pressure is required to operate the liquid drainage function.

LIQUID DRAINER
Model ALD 010
MAX. ALLOWABLE
PMA 500 pisg 34 bar
AT 100° F / 38°C
MAX.DIFFERENTIAL
△ PMx 176 psig 12 bar

* Picture may vary

Description

The **ALD 010** automatic liquid drain's operation principle is gravity. The ALD's casing, float, valve and valve-seat are made of stainless steel.
The outlet valve is controlled by a lever mechanism. The float closes the condensate outlet via the lever mechanism with the valve tip. Due to the rising condensate level the outlet is released by the buoyancy of the float.

The **ALD 020** series separators with automatic condensate drain, offers an additional lateral side gas connection so this device can be used as separator.

- **Save condensate removal and separation**

- **Completely made out of stainless steel**

- **For high pressure and temperature applications**

- **High drain capacity**
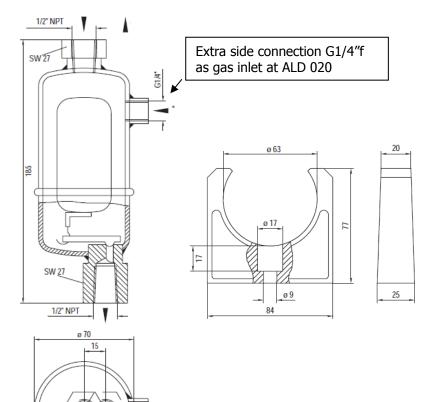
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Technical data

Automatic liquid drain	ALD 010	ALD 020	Mounting clip
Material	Stainless steel 304, 316		PE
Operating temperature	0°C to +200°C		-20 to +90 °C
Storage temperature	-50°C to +200°C		-30 to +110 °C
Operation pressure, max.	1 to 19bar abs.		
Function	Specific gravity min. 0,5kg/dm3, at 1 bar abs.		
Mounting	Vertical mounting position with bracket		
Capacity	160 l/hr H_2O, at 1bar abs. and 20 °C		
Condensate IN	1/2"f NPT		
Condensate OUT	1/2"f NPT		
Sample gas IN	-	G1/4"f	
Sample gas OUT	-	1/2"f NPT	
Weight, approx.	0,8kg		0,05kg

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Dimensions

Extra side connection G1/4"f as gas inlet at ALD 020