

## ANKERSMID Condensate vessel

### ACV

#### Application

The Liquid collection vessel **ACV 0X0** is specially designed for applications where automatic condensate removal is difficult.

When using a peristaltic pump for automatic condensate removal, a sudden surge of liquid can be hard to handle. In these cases the condensate collection vessel can be used as a reservoir or buffer vessel.

For safe operation, the overflow GL25/12 of the condensate vessel can be equipped with a liquid-level sensor and alarm.

#### Description

The Ankersmid **ACV** liquid collection vessel **ACV 010** is made of industrial quality glass. This ensures high corrosion resistance and the ability to see inside the vessel. A GL25-12 mm clamp connector is provided as condensate inlet.

The outlet valve is a PTFE stopcock, ensuring easy access and hermetic sealing. All contacting parts are made out of glass and PTFE.

A wall-mounting plate is supplied as part of standard delivery.

The liquid Alarm Sensor is optional, the electronic of the sensor sends an alarm to the control room or opens a valve (optional) to drain the liquid out.

See more about our liquid sensors ALS on chapter 3-7 and 3-8.

– Vessel with other liquid capacity or materials on request. –

Available types:

ACV 010	Condensate vessel out of glass type ACV 010, content 1 litre, material: Duran ® glass, inlet: GL25/12, overflow: GL25-12, with manual drain valve, mounted on PVC panel.
ACV 020	Condensate vessel out of transparent PVC. Content 1 litre, Inlet: 2x G1/4"i + 1x G1/2"i, Outlet 2x G1/4"i + 1x G1/2"i + 1x 2x G1/4"i (front) Pressure max. 0,5 bar, Temp. Max. 50° C, incl. mounting clip.
ACV 030	Condensate vessel and separator out of PVDF, sample inlet G1/4"i, sample outlet: G1/4"i, condensate out G1/2"i, pressure max. 10 bar, temp. Max. 120° C, incl. mounting clip.
ACV 040	Condensate vessel and separator out of PTFE, sample inlet G1/4"i, sample outlet: G1/4"i, condensate out G1/2"i, pressure max. 6 bar, temp. Max. 140° C, incl. mounting clip.

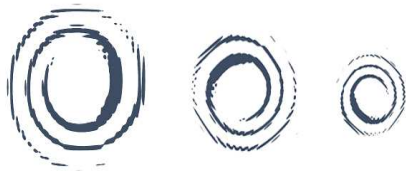


ACV 010 \* Picture may vary

- **Very corrosion resistant**
- **Liquid level always visible**
- **Different tube connections possible**
- **Level alarm possible**
- **With integrated outlet cock**



ACV 020  
Same mounting clip for ACV 030, ACV 040  
\* Picture may vary



## Dimensions

Model	Mounting dimensions	Over all dimensions (width x height x dept)	Weight
ACV 010	105 x 250 (mounting bracket)	160 x 310 x 180	+/- 1 kg
ACV 020	105 x 250 (mounting bracket)	160 x 310 x 135	+/- 0,5 kg
ACV 030	105 x 250 (mounting bracket)	160 x 310 x 135	+/- 0,5 kg
ACV 040	105 x 250 (mounting bracket)	160 x 310 x 135	+/- 1 kg

## Technical data

Model	Max Pressure	Temperature Range	Material	Volume
ACV 010	2 Bar	0-80 °C	Glass	+/- 1 litre
ACV 020	0,5 Bar	0-50 °C	PVC	+/- 1 litre
ACV 030	10 Bar	0-120 °C	PVDF	+/- 1 litre
ACV 040	6 Bar	0-140 °C	PTFE	+/- 1 litre