

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 capacities or materials on request -



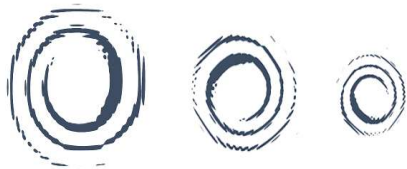
ACV 010 *



ACV 020 *

Same mounting clip for ACV 030, ACV 040
* Pictures may vary

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



Available types

Model	Description
ACV 010	Condensate vessel type ACV 010, with manual drain valve. Content: 1 litre. Material: Duran® glass. Connections: inlet: GL25-12 (condensate inlet, overflow). Mounted on PVC panel
ACV 020	Condensate vessel type ACV 020. Content: 1 litre. Material: transparent PVC. Connections: 2x G1/4" f + 1x G1/2" f (inlet), 2x G1/4" f + 1x G1/2" f + 1x G1/4" f (outlet). Pressure: max. 0,5 bar, temperature: max. 50°C. Incl. mounting clip
ACV 030	Condensate vessel type ACV 030. Content: 1 litre. Material: semi-transparent PVDF. Connections: 2x G1/4" f (inlet), 1x G1/2" f (outlet). Pressure: max. 10bar, temperature: max. 120°C. Incl. mounting clip
ACV 040	Condensate vessel and separator type ACV 040. Content: 1 litre. Material: PTFE. Connections: G 1/4" f (gas inlet), G 1/4" f (gas outlet), G 1/2" f (condensate outlet). Pressure: max. 6bar, temperature: max. 140°C. Incl. mounting clip

Dimensions

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

Technical data

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