# Leybold



# **CLAWVAC CP**

The claw benchmark in rough vacuum

The unique product features of the CLAWVAC product range offers great advantages for the rough vacuum industry. The pump design enables extreme robustness, especially for challenging applications which include handling of particles and vapour contaminated gases. Therefore, the user will experience a trouble-free and cost-saving operation.



#### Harshest applications ready

- Coated pumping chamber results in an extended corrosion & wear protection
- No oil contact with process media
- High water vapor resistance
- Suitable for high temperatures



#### **Energy efficient**

- IE4 motor as default
- Availability for FC control / ELEC CAB up to 60Hz



#### Plug & Go

- Different accessories available (incl. bare shaft variant)
- Extended uptime via long service intervals
- Easy to use



# Completely cleanable

The user has full and easy access to all media touched surfaces.

Housing and claws can be disassembled without need for resetting of the gear timing. The big-size silencer reduces the sound level a bit and allows condensate draining through the drain port.





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## Unique CLAWVAC CP 500-1000 features

■ Inlet filter as accessory

Polyester element as default

Bareshaft version available
 Available for customized motor or FC control

■ Additional outlet silencer as accessory

To achieve a lower noise level

 Drain valve as default
 Easy to drain the condensate from the main silencer

■ Coupling and fan checking hole
Simplified maintenance

■ Air-cooled design

Able to work up to 40 °C ambient temperature

■ Ultimate pressure adjustable

Default pressure 200 mbar

■ Inlet check valve & mesh as default

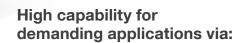
Prevent particle ingression into pump

#### **Technical Data**

		CP 500	CP 1000
Pumping speed (50/60 Hz)	m³/h	500/600	950/1140
Ultimate vacuum		200/150	200/150
Permissible ambient temperature range	°C / °F	0 - 40 / 32 - 104	
Operation range	Hz	20 – 60	
Noise level 1) (50/60 Hz)	dB (A)	76/78	82/85
Motor power (50/60 Hz)	kW	9.2/11	18.5/22
Weight	kg	309	615
Dimensions Bareshaft version	mm	1302 x 586 x 845 822 x 586 x 845	1444 x 680 x 1274 1169 x 680 x 1274
Connections	Inlet Outlet	G 3" G 2 1/2"	DN100 PN6 DN100 PN10

Ordering Information *	CP 500	CP 1000
Motor version (200/230/380/400/ 460/575V, 50/60Hz, 3PH)	10790500V02~V04	10791000V02~V04
W/O motor version	10790500V00~V01	10791000V00~V01

<sup>&</sup>lt;sup>1</sup> According to DIN EN ISO 2151



- Coated and corrosion resistant pumping chamber and claws
- Resistance to high water vapor or water slugs
- Drainable silencer

CLAWVAC

### **Applications**

- ✓ Food Processing
- Food Packaging
- Woodworking
- Degassing
- Plastic Industry
- ✓ Thermoforming
- ✓ Material Transport & Holding
- Environmental Engineering



<sup>\*</sup> For detailed information on our full scope of CLAWVAC pumps and motor versions, please refer to our general catalog.

Visit our webshop www.leyboldproducts.com