

VACUUM EJECTOR

SERIES ZTP | INSTALLATION SIZE ZTP3034

▶ PRODUCT ADVANTAGES



▶ High performance with low air consumption

The series offers a wide performance range with a high airflow and a high vacuum level. Thanks to the highly efficient vacuum cartridges, air consumption is reduced to a minimum.

▶ All-in-one design

For versatile applications and easy integration. Every vacuum generator comes standard with a built-in vacuum filter and silencer. Depending on the requirements, an air control valve, a blow-off control valve, a vacuum sensor or an air-saving function may also be available.

▶ Flexible and durable

Thanks to its wide range of models, the series ZTP can be flexibly adapted to different applications and requirements. The robust engineering and the integrated, self-cleaning vacuum filter ensure reliable and long-lasting operation.

▶ Certifications: LABS / REACH / RoHS

▶ PRODUCT KEY

ZTP	L	E	30	32	AR3	DL	SP
Series	Increased volume flow	Air-saving function	Vacuum cartridge type	Levels and number of vacuum cartridges	Air and blow-off control valve	Connection type for air and blow-off control valve	Digital vacuum switch
ZTP	E	D	30	32	14	N	Q
Series	Air-saving function	Digital version	Vacuum cartridge type	Levels and number of vacuum cartridges	Vacuum connection	Switching output	Fast blow-off function

► TECHNICAL DATA

Order no.	► Technical data				
	ZTP3034	ZTP3034-AR3-DL-SN	ZTP3034-AR3-DL-SP	ZTPE3034-AR3-DL-SN	ZTPE3034-AR3-DL-SP
Max. vacuum level [kPa]	-92	-92	-92	-92	-92
Volume flow [l/min]	1364	1364	1364	1364	1364
Digital vacuum switch	No	Yes	Yes	Yes	Yes
Air-saving function	No	No	No	Yes	Yes
Switching output		NPN	PNP	NPN	PNP
Weight [kg]	1.1	1.1	1.1	1.1	1.1
Vacuum generator type	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge
Vacuum cartridge type	ZVC303	ZVC303	ZVC303	ZVC303	ZVC303
Number of vacuum cartridges	4	4	4	4	4
Number of stages of the vacuum cartridge	3	3	3	3	3
Pneumatic connection	G1/4" female	G1/4" female	G1/4" female	G1/4" female	G1/4" female
Number of pneumatic connections	1	1	1	1	1
Air control valve	No	Yes	Yes	Yes	Yes
Air control valve model		NC	NC	NC	NC
Blow-off control valve	No	Yes	Yes	Yes	Yes
Voltage [V]		24	24	24	24
Solenoid valve	No	Yes	Yes	Yes	Yes
Electrical connection for solenoid valve		Cable connection to male connector	Cable connection to male connector	Cable connection to male connector	Cable connection to male connector
Version with diode		Yes	Yes	Yes	Yes
Connecting the vacuum switch		Male connector, M8, 4-pin	Male connector, M8, 4-pin	Male connector, M8, 4-pin	Male connector, M8, 4-pin
Throttle check valve	No	No	No	No	No
Sealing material	NBR	NBR	NBR	NBR	NBR
Number of vacuum connections	2	2	2	2	2
Vacuum connection	G3/4" female / G1" female	G3/4" female / G1" female	G3/4" female / G1" female	G3/4" female / G1" female	G3/4" female / G1" female
Silencer	Yes	Yes	Yes	Yes	Yes
Silencer type	Standard silencer	Standard silencer	Standard silencer	Standard silencer	Standard silencer
Vacuum filter	Yes	Yes	Yes	Yes	Yes
Vacuum filter type	PE filter, 5 µm	PE filter, 5 µm	PE filter, 5 µm	PE filter, 5 µm	PE filter, 5 µm
Operating pressure max. [bar]	7	7	7	7	7
Max. noise level [dB]	60	60	60	60	60
Air consumption at 4 bar [l/min]	608	608	608	608	608
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

VACUUM EJECTOR

SERIES ZTP | INSTALLATION SIZE ZTP3034

Order no.	► Technical data			
	ZTPED3034-14-N	ZTPED3034-14-N-Q	ZTPED3034-14-P	ZTPED3034-14-P-Q
Max. vacuum level [kPa]	-92	-92	-92	-92
Volume flow [l/min]	1364	1364	1364	1364
Digital vacuum switch	Yes	Yes	Yes	Yes
Air-saving function	Yes	Yes	Yes	Yes
Switching output	NPN	NPN	PNP	PNP
Weight [kg]	1.1	1.1	1.1	1.1
Vacuum generator type	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge
Vacuum cartridge type	ZVC303	ZVC303	ZVC303	ZVC303
Number of vacuum cartridges	4	4	4	4
Number of stages of the vacuum cartridge	3	3	3	3
Pneumatic connection	G1/4" female	G1/4" female	G1/4" female	G1/4" female
Number of pneumatic connections	1	1	1	1
Air control valve	Yes	Yes	Yes	Yes
Air control valve model	NC	NC	NC	NC
Blow-off control valve	Yes	Yes	Yes	Yes
Voltage [V]	24	24	24	24
Solenoid valve	Yes	Yes	Yes	Yes
Connecting the vacuum switch	Male connector, M8, 6-pin	Male connector, M8, 6-pin	Male connector, M8, 6-pin	Male connector, M8, 6-pin
Throttle check valve	No	No	No	No
Sealing material	NBR	NBR	NBR	NBR
Number of vacuum connections	2	2	2	2
Vacuum connection	G3/4" female / G1" female	G3/4" female / G1" female	G3/4" female / G1" female	G3/4" female / G1" female
Silencer	Yes	Yes	Yes	Yes
Silencer type	Standard silencer	Standard silencer	Standard silencer	Standard silencer
Vacuum filter	Yes	Yes	Yes	Yes
Vacuum filter type	PE filter, 5 µm	PE filter, 5 µm	PE filter, 5 µm	PE filter, 5 µm
Operating pressure max. [bar]	7	7	7	7
Max. noise level [dB]	60	60	60	60
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

Order no.	► Technical data				
	ZTPL3034	ZTPL3034-AR3-DL-SN	ZTPL3034-AR3-DL-SP	ZTPLE3034-AR3-DL-SN	ZTPLE3034-AR3-DL-SP
Max. vacuum level [kPa]	-75	-75	-75	-75	-75
Volume flow [l/min]	1448	1448	1448	1448	1448
Digital vacuum switch	No	Yes	Yes	Yes	Yes
Air-saving function	No	No	No	Yes	Yes
Switching output		NPN	PNP	NPN	PNP
Weight [kg]	1.1	1.1	1.1	1.1	1.1
Vacuum generator type	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge
Vacuum cartridge type	ZVCL303	ZVCL303	ZVCL303	ZVCL303	ZVCL303
Number of vacuum cartridges	4	4	4	4	4
Number of stages of the vacuum cartridge	3	3	3	3	3
Pneumatic connection	G1/4" female	G1/4" female	G1/4" female	G1/4" female	G1/4" female
Number of pneumatic connections	1	1	1	1	1
Air control valve	No	Yes	Yes	Yes	Yes
Air control valve model		NC	NC	NC	NC
Blow-off control valve	No	Yes	Yes	Yes	Yes
Voltage [V]		24	24	24	24
Solenoid valve	No	Yes	Yes	Yes	Yes
Electrical connection for solenoid valve		Cable connection to male connector	Cable connection to male connector	Cable connection to male connector	Cable connection to male connector
Version with diode		Yes	Yes	Yes	Yes
Connecting the vacuum switch		Male connector, M8, 4-pin	Male connector, M8, 4-pin	Male connector, M8, 4-pin	Male connector, M8, 4-pin
Throttle check valve	No	No	No	No	No
Sealing material	NBR	NBR	NBR	NBR	NBR
Number of vacuum connections	2	2	2	2	2
Vacuum connection	G3/4" female / G1" female	G3/4" female / G1" female	G3/4" female / G1" female	G3/4" female / G1" female	G3/4" female / G1" female
Silencer	Yes	Yes	Yes	Yes	Yes
Silencer type	Standard silencer	Standard silencer	Standard silencer	Standard silencer	Standard silencer
Vacuum filter	Yes	Yes	Yes	Yes	Yes
Vacuum filter type	PE filter, 5 µm	PE filter, 5 µm	PE filter, 5 µm	PE filter, 5 µm	PE filter, 5 µm
Operating pressure max. [bar]	7	7	7	7	7
Max. noise level [dB]	60	60	60	60	60
Air consumption at 4 bar [l/min]	280	280	280	280	280
Air consumption at 6 bar [l/min]	416	416	416	416	416
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

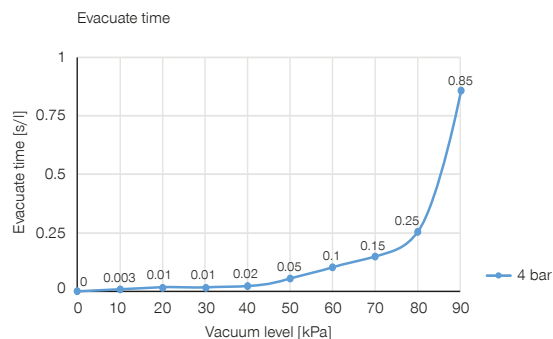
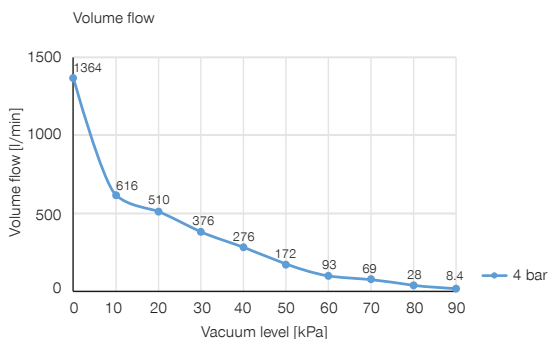
VACUUM EJECTOR

SERIES ZTP | INSTALLATION SIZE ZTP3034

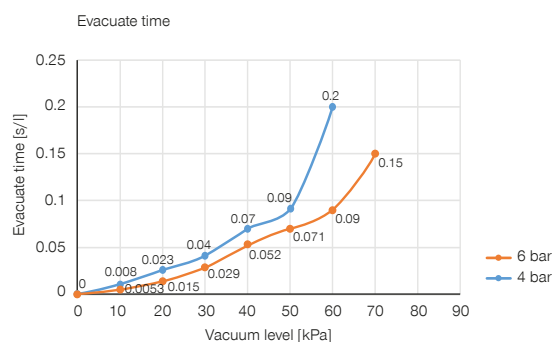
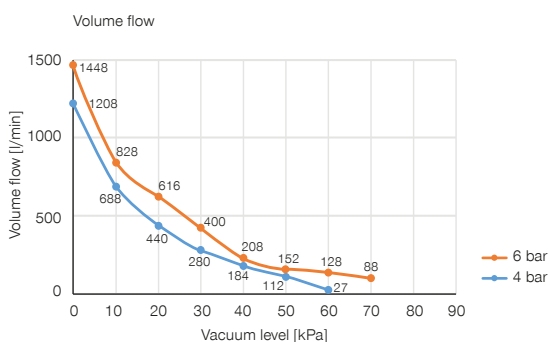
Order no.	► Technical data			
	ZTPLED3034-14-N	ZTPLED3034-14-N-Q	ZTPLED3034-14-P	ZTPLED3034-14-P-Q
Max. vacuum level [kPa]	-75	-75	-75	-75
Volume flow [l/min]	1448	1448	1448	1448
Digital vacuum switch	Yes	Yes	Yes	Yes
Air-saving function	Yes	Yes	Yes	Yes
Switching output	NPN	NPN	PNP	PNP
Weight [kg]	1.1	1.1	1.1	1.1
Vacuum generator type	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge
Vacuum cartridge type	ZVCL303	ZVCL303	ZVCL303	ZVCL303
Number of vacuum cartridges	4	4	4	4
Number of stages of the vacuum cartridge	3	3	3	3
Pneumatic connection	G1/4" female	G1/4" female	G1/4" female	G1/4" female
Number of pneumatic connections	1	1	1	1
Air control valve	Yes	Yes	Yes	Yes
Air control valve model	NC	NC	NC	NC
Blow-off control valve	Yes	Yes	Yes	Yes
Voltage [V]	24	24	24	24
Solenoid valve	Yes	Yes	Yes	Yes
Connecting the vacuum switch	Male connector, M8, 6-pin	Male connector, M8, 6-pin	Male connector, M8, 6-pin	Male connector, M8, 6-pin
Throttle check valve	No	No	No	No
Sealing material	NBR	NBR	NBR	NBR
Number of vacuum connections	2	2	2	2
Vacuum connection	G3/4" female / G1" female	G3/4" female / G1" female	G3/4" female / G1" female	G3/4" female / G1" female
Silencer	Yes	Yes	Yes	Yes
Silencer type	Standard silencer	Standard silencer	Standard silencer	Standard silencer
Vacuum filter	Yes	Yes	Yes	Yes
Vacuum filter type	PE filter, 5 µm	PE filter, 5 µm	PE filter, 5 µm	PE filter, 5 µm
Operating pressure max. [bar]	7	7	7	7
Max. noise level [dB]	60	60	60	60
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

▶ DIAGRAMS

ZTP3034

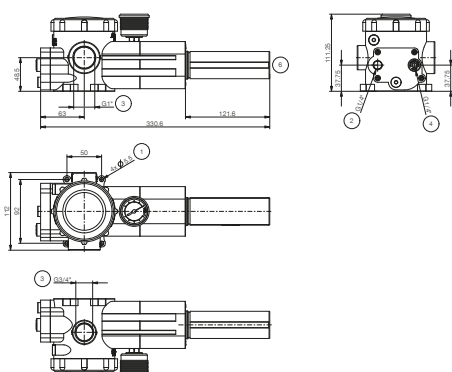


ZTPL3034



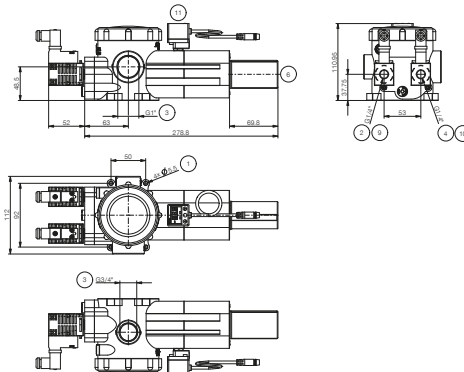
▶ TECHNICAL DRAWINGS

ZTP3034, ZTPL3034



- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ④ Blow-off connection
- ⑥ Silencer

ZTP3034-AR3-DL-SN / -SP, ZTPL3034-AR3-DL-SN / -SP

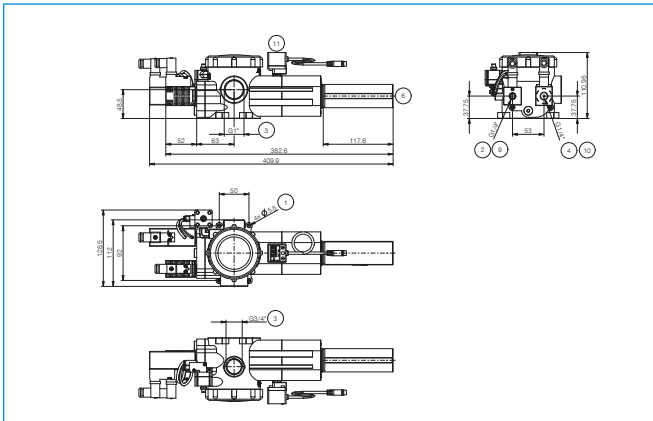


- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ④ Blow-off connection
- ⑥ Silencer
- ⑨ Air control valve
- ⑩ Blow-off control valve
- ⑪ Vacuum switch

VACUUM EJECTOR

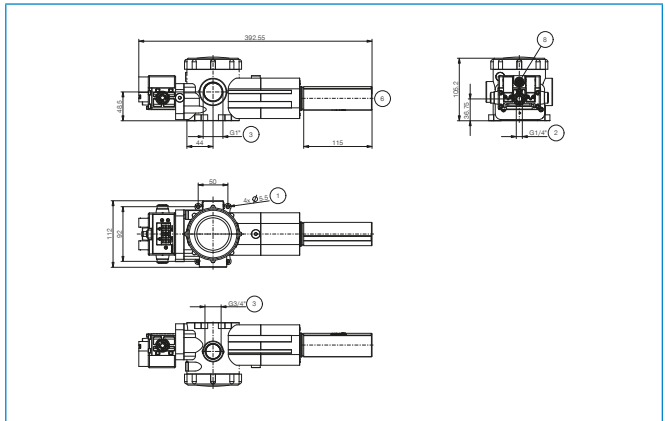
SERIES ZTP | INSTALLATION SIZE ZTP3034

ZTPE3034-AR3-DL-SN / -SP, ZTPLE3034-AR3-DL-SN / -SP



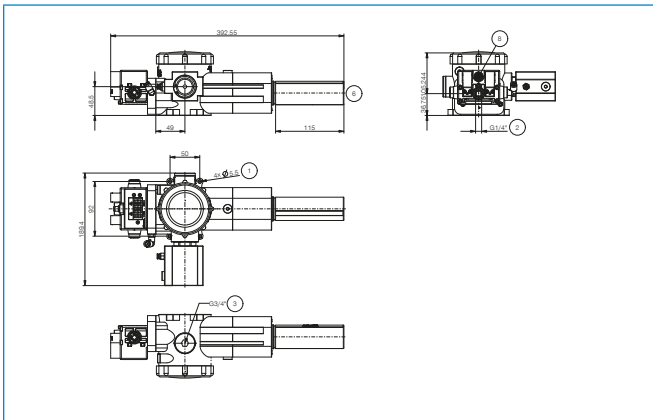
- | | |
|------------------------|--------------------------|
| ① Fixing | ⑥ Silencer |
| ② Pneumatic connection | ⑨ Air control valve |
| ③ Vacuum connection | ⑩ Blow-off control valve |
| ④ Blow-off connection | ⑪ Vacuum switch |

ZTPED3034-14-N, ZTPLED3034-14-N



- | | |
|------------------------|-------------------------|
| ① Fixing | ⑥ Silencer |
| ② Pneumatic connection | ⑧ Electrical connection |
| ③ Vacuum connection | |

ZTPED3034-14-N-Q, ZTPLED3034-14-N-Q



- | | |
|------------------------|-------------------------|
| ① Fixing | ⑥ Silencer |
| ② Pneumatic connection | ⑧ Electrical connection |
| ③ Vacuum connection | |