



VTCX 3031

Max. vacuum level	: -95 kPa
Max. flow rate	: 135 NI/min
Supply air pressure	: 4.5 ~ 6 bar, max 7bar
Air consumption	: 124~140 NI/min
Supply air type	: Dry compressed air
Working temperature	: - 20°C ~ + 80°C
Noise level	: 50 ~ 60dBA



Main advantages

- Patented design.
- High operational reliability despite fluctuating or low compressed-air pressure.
- Integrated high dirt holding capacity pleated filter.
- VMECA Twofold SilencerPT assures low noise levels.
- Optional Air-Saving(AS) kit available to minimize energy consumption.
- Optional factory installed Air control/Vacuum release valves and Vacuum switch available.
- Compact size and light weight.
- Easily mountable and interchangeable vacuum cartridge.

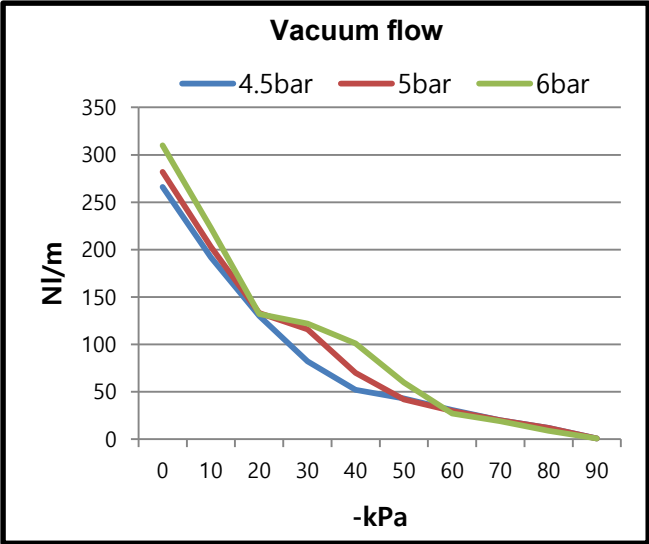
Order No.

VTCX 3031 - 2 - AS - A3 R3 - CL - S2 N V
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Model VTCX3031(P) - Three stage nozzle * Remark: ... (P) = G3/8" exhaust port	⑤ Voltage of release control valve R1 - AC110V R2 - AC220V R3 - DC24V	⑦ Vacuum Switch No mark - Vacuum gauge S2(P) - Digital display output 2 points, No analog supply M8-4 Pin Connector type 0.3m lead wire. SG2(P) - Digital display output 2 points, No analog supply Grommet type 4-Core 2m lead wire. SG3(P) - Digital display output 2 points, Analog supply Grommet type 5-Core 2m lead wire. ※ Remark : ① S..(P) – Output : PNP open collector ② VCM8 42 : M8-4Pin connector wire. Only for type S2 or S2(P).						
② Filter element & Connection port <table border="1"> <thead> <tr> <th></th><th>Material</th><th>Connection port</th></tr> </thead> <tbody> <tr> <td>2</td><td>Polyester (PE)</td><td>BSP Thread (G)</td></tr> </tbody> </table>		Material	Connection port	2	Polyester (PE)	BSP Thread (G)	⑥ Solenoid terminal DN - DIN type without lead wire DL - DIN type with lamp without lead wire CL* - Connector type with lamp & 0.3 m lead wire 2B* - DIN type with '2 in 1' BUS cable (Air control v/v + Vacuum release v/v) 3B* - DIN type with '3 in 1' BUS cable (Air control v/v + Vacuum release v/v + Digital switch) *Can not available with double solenoid valve ※ Remark CL : Available only with DC24V 3B : Available only with DC24V Available only with 'S2' or 'S2P', section ⑦	⑧ Non-return valve No mark - Standard N - Non-return valve
	Material	Connection port						
2	Polyester (PE)	BSP Thread (G)						
③ Air saving kit No mark - Standard AS - Air saving kit	④ Voltage of air supply control valve A1 - AC110V A2 - AC220V A3 - DC24V D1* - AC110V D2* - AC220V D3* - DC24V *D.. : Double solenoid valve is available only with 'DN' or 'DL' section ⑥	⑨ Sealing No mark - Standard V - Viton® E - EPDM						

Performance Data

Model	Air Pressure	Vacuum level	Vacuum flow (NI/m) at different vacuum level -kPa									
			0	10	20	30	40	50	60	70	80	90
VTCX 3031	4.5 bar	-95kPa	266	192	130	82	52	43	31	20	12	1
	5 bar	-95kPa	282	203	133	116	70	42	30	20	12	1
	6 bar	-94.5kPa	310	223	132	122	101	60	27	19	9	1



VACUUM PUMPS



VTCX 3032

Max. vacuum level	: -95 kPa
Max. flow rate	: 254 NI/min
Supply air pressure	: 4.5 ~ 6 bar, max 7bar
Air consumption	: 248 ~ 280 NI/min
Supply air type	: Dry compressed air
Working temperature	: - 20°C ~ + 80°C
Noise level	: 50 ~ 60dBA



Main advantages

- Patented design.
- High operational reliability despite fluctuating or low compressed-air pressure.
- Integrated high dirt holding capacity pleated filter.
- VMECA Twofold SilencerPT assures low noise levels.
- Optional Air-Saving(AS) kit available to minimize energy consumption.
- Optional factory installed Air control/Vacuum release valves and Vacuum switch available.
- Compact size and light weight.
- Easily mountable and interchangeable vacuum cartridge.

Order No.

VTCX 3032 - 2 - AS - A3 R3 - CL - S2 N V

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Model

VTCX3032(P) - Three stage nozzle

* Remark: ... (P) = G3/8" exhaust port

② Filter element & Connection port

	Material	Connection port
2	Polyester (PE)	BSP Thread (G)

③ Air saving kit

No mark - Standard
AS - Air saving kit

④ Voltage of air supply control valve

A1 - AC110V
A2 - AC220V
A3 - DC24V
D1* - AC110V
D2* - AC220V
D3* - DC24V

*D.. : Double solenoid valve is available only with 'DN' or 'DL' section ⑥

⑤ Voltage of release control valve

R1 - AC110V
R2 - AC220V
R3 - DC24V

⑦ Vacuum Switch

No mark - Vacuum gauge
S2(P) - Digital display output 2 points, No analog supply M8-4 Pin Connector type 0.3m lead wire.
SG2(P) - Digital display output 2 points, No analog supply Grommet type 4-Core 2m lead wire.
SG3(P) - Digital display output 2 points, Analog supply Grommet type 5-Core 2m lead wire.

※ Remark : ① S..(P) – Output : PNP open collector
② VCM8 42 : M8-4Pin connector wire.
Only for type S2 or S2(P).

⑥ Solenoid terminal

DN - DIN type without lead wire
DL - DIN type with lamp without lead wire
CL* - Connector type with lamp & 0.3 m lead wire
2B* - DIN type with '2 in 1' BUS cable (Air control v/v + Vacuum release v/v)
3B* - DIN type with '3 in 1' BUS cable (Air control v/v + Vacuum release v/v + Digital switch)

*Can not available with double solenoid valve

※ Remark

CL : Available only with DC24V

3B : Available only with DC24V

Available only with 'S2' or 'S2P', section ⑦

⑧ Non-return valve

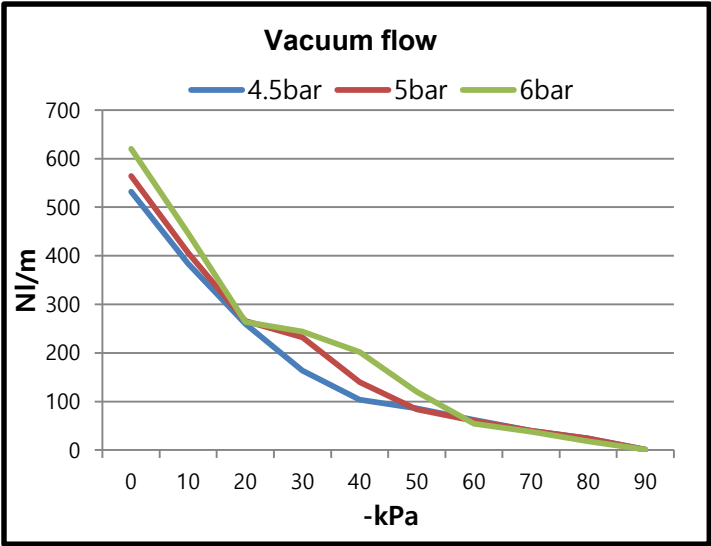
No mark - Standard
N - Non-return valve

⑨ Sealing

No mark - Standard
V - Viton®
E - EPDM

Performance Data

Model	Air Pressure	Vacuum level	Vacuum flow (NI/m) at different vacuum level -kPa									
			0	10	20	30	40	50	60	70	80	90
VTCX 3032	4.5 bar	-95kPa	532	384	260	164	104	86	62	40	24	1
	5 bar	-95kPa	564	406	266	232	140	84	60	40	24	1
	6 bar	-94.5kPa	620	446	264	244	202	120	54	38	18	1



VACUUM
PUMPS



VTCX 3134

Max. vacuum level	: -95 kPa
Max. flow rate	: 665 NI/min
Supply air pressure	: 4.5 ~ 6 bar, max 7bar
Air consumption	: 496 ~ 630 NI/min
Supply air type	: Dry compressed air
Working temperature	: - 20°C ~ + 80°C
Noise level	: 50 ~ 60dBA



Main advantages

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- Integrated high dirt holding capacity pleated filter.
- VMECA Twofold SilencerPT assures low noise levels.
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▲ BUS Cable

Order No.

VTCX 3134 - 2 - AS - A3 R3 - CL - S2 N V

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

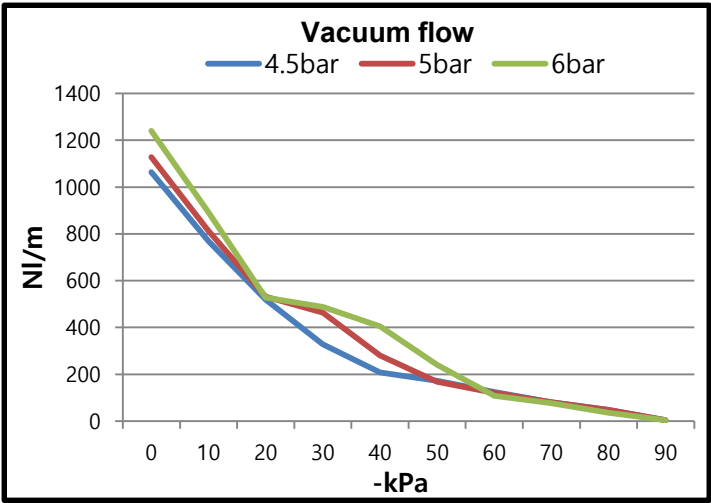
① Model VTCX3134(P) - Three stage nozzle * Remark: ... (P) = G3/8" exhaust port	⑤ Voltage of release control valve R1 - AC110V R2 - AC220V R3 - DC24V	⑦ Vacuum Switch No mark - Vacuum gauge S2(P) - Digital display output 2 points, No analog supply M8-4 Pin Connector type 0.3m lead wire. SG2(P) - Digital display output 2 points, No analog supply Grommet type 4-Core 2m lead wire. SG3(P) - Digital display output 2 points, Analog supply Grommet type 5-Core 2m lead wire. ※ Remark : ① S..(P) – Output : PNP open collector ② VCM8 42 : M8-4Pin connector wire. Only for type S2 or S2(P).						
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2	Polyester (PE)	BSP Thread (G)						
③ Air saving kit No mark - Standard AS - Air saving kit	④ Voltage of air supply control valve A1 - AC110V A2 - AC220V A3 - DC24V D1* - AC110V D2* - AC220V D3* - DC24V	⑨ Sealing No mark - Standard V - Viton® E - EPDM						

*D.. : Double solenoid valve is available only with 'DN' or 'DL' section ⑥

*Can not available with double solenoid valve
 ※ Remark
 CL : Available only with DC24V
 3B : Available only with DC24V
 Available only with 'S2' or 'S2P', section ⑦

Performance Data

Model	Air Pressure	Vacuum level	Vacuum flow (NI/m) at different vacuum level -kPa									
			0	10	20	30	40	50	60	70	80	90
VTCX 3134	4.5 bar	-95kPa	1064	768	520	328	208	172	124	80	48	4
	5 bar	-95kPa	1128	812	532	464	280	168	120	80	48	4
	6 bar	-94.5kPa	1240	892	528	488	404	240	108	76	36	4



VACUUM
PUMPS