

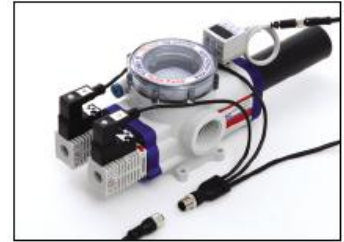
VTCO - Series

Max. vacuum level	: -70 kPa
Max flow rate	: 1540 NI/min
Supply air pressure	: 4 ~6 bar
Air consumption	: 304 ~812 NI/min
Supply air type	: Dry compressed air
Working temperature	: -20°C ~ +80°C
Noise level	: 60 ~ 65 dBA



Main advantages

- Patented design
- High vacuum flow and vacuum level
- High operational reliability despite fluctuating
- Integrated high dirt holding capacity pleated filter
- Automatic vacuum filter cleaning system
- Compact size and light weight
- Minimize energy consumption with AS-KIT (Air-saving kit)
- Air control / Vacuum release valves and Vacuum switch available
- Easily mountable and interchangeable vacuum cartridge
- Long life time



▲ BUS Cable

Ordering information

VTCO 3134 – 4 – AS – A3 R3 – CL – S2 N V

① Series

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

VTCO3132(P)	3 stage nozzle X 2EA
VTCO3133(P)	3 stage nozzle X 3EA
• VTCO3134(P)	3 stage nozzle X 4EA

※ Remark : ..(P)

→ G1" Exhaust Port

② Filter element & Connection port

	Material	Connection port
2	Polyester (PE)	BSP Thread (G)
• 4	Polyester (PE)	Dry seal thread (NPSF)

③ Air saving kit (AS-Kit)

No mark	Not attached
• AS	Attached

④ Voltage of air supply control valve

A1	AC 110V
A2	AC 220V
• A3	DC 24V
D1*	AC 110V
D2*	AC 220V
D3*	DC 24V

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

⑤ Voltage of vacuum release control valve

R1	AC 110V
R2	AC 220V
• R3	DC 24V

⑥ Solenoid Terminal

DN	DIN type without lead wire
DL	DIN type with lamp without lead wire
• CL*	Connector type with lamp & 0.3m 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

☞ About 'BUS cable'
(See page : 336, 337)

⑦ Vacuum switch

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

※ Remark

① S. (P) → Output type : PNP open collector

② VCM8 42 : M8-4Pin connector wire

Only type S2 or S2(P).

⑧ Non-return valve

No mark	Standard
• N	Non-return valve

⑨ Sealing

No mark	Standard
• V	Viton®
E	EPDM

Performance Data

Model	MAX. Vacuum (-kPa)	Feed pressure (bar)	Air Consumption (NI/min)	Vacuum flow (NI/min) at different vacuum level –kPa (-mmHg)							
				0 (0)	10 (75)	20 (150)	30 (225)	40 (300)	50 (375)	60 (450)	70 (525)
VTCO 3132	47	4	304	652	500	280	228	80	-	-	-
	60	5	350	736	580	362	250	148	66	-	-
	70	6	406	770	648	436	274	218	132	70	-
VTCO 3133	47	4	456	978	750	420	342	120	-	-	-
	60	5	525	1104	870	543	375	222	99	-	-
	70	6	609	1155	969	654	411	324	198	105	-
VTCO 3134	47	4	608	1303	1000	560	456	160	-	-	-
	60	5	700	1472	1160	724	500	296	132	-	-
	70	6	812	1540	1292	872	548	436	264	140	-