



techhose

QUALITY CONNECTIONS

Hydraulics

Pneumatics
& Vacuum

Industrial

Compressed Air
& Ring Main

Process &
Instrumentation

Pneumatic & Vacuum

Vacuum Pumps

Green Pumps

- VMECA vacuum cartridge technology integrated
- High polished clean surface (= for food, pharma industry)
- Vacuum filter self-cleaning system

Features & Strengths

- Highly operational reliability despite fluctuating or low compressed-air pressure
- Integrated vacuum filter with high dirt capacity and auto-cleaning system
- High polished clean surface for food, pharma and chemical industry
- Easy to install in limited space due to compact size
- Quick response time

GS Range

9205	Max. Vacuum level (- kPa)	Supply Air Pressure (bar)	Max. Vacuum Flow(Nl/m)	Air Consumption (Nl/m)	Noise level (dBA)	Min. hose inner Ø (within 2m)		
						Air supply	Vacuum	Exhaust
GS203	90	3 - 4	85.8	21 - 32	52 - 58	4 - 6	6	8
GS252	94	5 - 6	113	70.5 - 83.5	60 - 68	6 - 8	6	10
GS253	94	5 - 6	146	70.5 - 83.5		6 - 8	8	10
GS302	93	3 - 4	171	97 - 152		6 - 8	8	10
GSL302	75	4 - 6	200	70 - 104		6 - 8	8	10



- VMECA vacuum cartridge technology integrated
- High polished clean surface (= for food, pharma industry)
- Vacuum filter self-cleaning system

Features & Strengths

- Dual vacuum cartridge structure
- Highly operational reliability despite fluctuating or low compressed-air pressure
- Integrated vacuum filter with high dirt capacity and auto-cleaning system
- High polished clean surface for food, pharma and chemical industry
- Easy to install in limited space due to compact size
- Quick response time

GH Range

9205	Max. Vacuum level (-kPa)	Supply Air Pressure (bar)	Max. Vacuum Flow(Nl/m)	Air Consumption (Nl/m)	Noise level (dBA)	Min. hose inner Ø (within 2m)		
						Air supply	Vacuum	Exhaust
GH203	90	3 - 4	172	40 - 64	52 - 58	6 - 8	8	10
GH252	94	5 - 6	222	141 - 167	60 - 68	6 - 8	8	10
GH253	94	5 - 6	292	141 - 167		6 - 8	8	10
GH302	93	3 - 4	343	194 - 304		6 - 8	8	10
GHL302	75	4 - 6	400	140 - 208		6 - 8	8	10



VSM Pumps

- VMECA vacuum cartridge technology integrated
- Various mounting options for easy installation
- Extremely low noise level

Features & Strengths

- Efficient individual and independent point-of-use vacuum
- Highly operational reliability despite fluctuating or low compressed-air pressure
- Extremely quick response
- Available for multiple connection ports
- Extremely low noise level with VMECA twofold silencer

VSM Range

9205	Vacuum Connection	Type	Max. Vacuum level (- kPa)	Supply Air Pressure (bar)	Max. Vacuum Flow(Nl/m)	Air Consumption (Nl/m)	Noise level (dBA)	Min. hose inner Ø (within 2m)		
								Air supply	Vacuum	Exhaust
VSM202	3/8" (x1), 1/8" (x3)	Holding Plug	90	3 - 4	44	22 - 40.5		8	8	8
VSM203	3/8" (x1), 1/8" (x3)	Silencer	90	3 - 4	84.5	21 - 40	55 - 65	8	8	10
VSM303	1/2" (x1), 1/4" (x3)	Silencer	92	4	341	82 - 152		8	12	14



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VACUUM PUMPS



VCS Pumps

- VMECA vacuum cartridge technology integrated
- Level compensator and vacuum ejector in one body

Features & Strengths

- Built in level compensator in one body
- Highly operational reliability despite fluctuating or low compressed air pressure

- Quick response time
- Compact size and light weight



VCS Range

9205	Male Thread	Female Thread	Check Valve	Max. Vacuum level (- kPa)	Supply Air Pressure (bar)	Max. Vacuum Flow(Nl/m)	Air Consumption (Nl/m)	Noise level (dBA)	Min. hose inner Ø (within 2m)		
									Air supply	Vacuum	Exhaust
VCS102	M5	N/A	No	85	1.2 - 2.6	16.5	6.8 - 10.6	55 - 65	4 - 6	8	6
VCS102C	N/A	G1/8"	Yes	85	1.2 - 2.6	16.5	6.8 - 10.6	55 - 65	4 - 6	8	6

Premium Pumps

- VMECA vacuum cartridge technology integrated
- High vacuum flow with durable aluminium body

Features & Strengths

- Highly operational reliability despite fluctuating or low compressed air pressure
- Top and side vacuum connection ports available

- Optional air-saving kit available to minimise energy consumption
- Quick response time
- Strong aluminium body



PM Range with Side Vacuum Port

9205	No. of Cartridges	Thread	Max. Vacuum level (- kPa)	Supply Air Pressure (bar)	Max. Vacuum Flow(Nl/m)	Air Consumption (Nl/m)	Noise level (dBA)	Min. hose inner Ø (within 2m)		
								Air supply	Vacuum	Exhaust
PM303X1	1	G1"	92	3 - 4	341	97 - 158	60 - 65	8	12	12
PM303X2	2	G1"	92	3 - 4	682	194 - 340		8	15	15
PM303X3	3	G1"	92	3 - 4	1023	291 - 456		10	19	22
PM303X4	4	G1"	92	3 - 4	1364	388 - 608		10	22	32

- VMECA vacuum cartridge technology integrated
- Large vacuum flow with up to 16 VMECA vacuum cartridge

Features & Strengths

- Highly operational reliability despite fluctuating or low compressed-air pressure
- High vacuum flow with low energy consumption

- Available to replace 4kw(5Hp) electric motor pump
- Very low noise level
- Durable and light aluminium body



MPM Range without Vacuum Filter

9205	No. of Cartridges	Thread	Max. Vacuum level (- kPa)	Supply Air Pressure (bar)	Max. Vacuum Flow(Nl/m)	Air Consumption (Nl/m)	Noise level (dBA)	Min. hose inner Ø (within 2m)		
								Air supply	Vacuum	Exhaust
MPM303X6	6	G2"	93	3 - 4	2048	804	55 - 62	11	35	40
MPM303X8	8	G2"	93	3 - 4	2728	1072	55 - 62	11	40	40
MPM303X10	10	G2"	93	3 - 4	3410	1340	55 - 62	11	40	45
MPM303X12	12	G2"	93	3 - 4	4092	1608	55 - 62	12	40	50
MPM303X14	14	G2"	93	3 - 4	4774	1876	55 - 62	13	45	50
MPM303X16	16	G2"	93	3 - 4	5456	2144	55 - 62	14	35	60

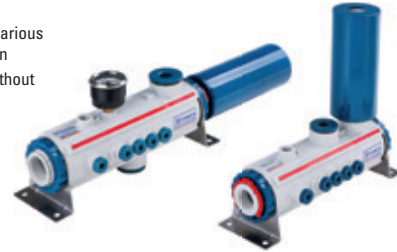
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Magic Pumps

- VMECA vacuum cartridge technology integrated
- Flexibly rotatable vacuum pump
- Easy to distribute vacuum connections with integrated distribution body module

Features & Strengths

- Highly operational reliability despite fluctuating or low compressed-air pressure
- Integrated pleated filter with high dirt capacity and auto-cleaning system
- Flexible structure available to select various port options and port position/direction
- Easy to assemble and disassemble without any tools
- Quick response time
- Patented design



M3000 Range

9205	No. of Cartridges	Thread	Stage	Max. Vacuum level (- kPa)	Supply Air Pressure (bar)	Max. Vacuum Flow(Nl/m)	Air Consumption (Nl/m)	Noise level (dBA)	Min. hose inner Ø (within 2m)		
									Air supply	Vacuum	Exhaust
M3122	2	G3/4"	2	92	3 - 4	342	194 - 304		8	15	15
M3123	3	G3/4"	2	92	3 - 4	513	291 - 456	50 - 60	10	19	22
M3124	4	G3/4"	2	92	3 - 4	684	388 - 608		10	22	32
M3132	2	G3/4"	3	92	3 - 4	682	194 - 304		8	15	15
M3133	3	G3/4"	3	92	3 - 4	1023	291 - 456	50 - 60	10	19	22
M3134	4	G3/4"	3	92	3 - 4	1364	388 - 608		10	22	32

Turtle Pumps

- VMECA vacuum cartridge technology integrated
- Vacuum filter in one body with auto filter cleaning system

Features & Strengths

- Highly operational reliability despite fluctuating or low compressed-air pressure
- Integrated pleated filter with high dirt capacity and auto-cleaning system
- Optional air-saving kit available to minimise energy consumption
- Quick response time
- Patented design



VTC Range

9205	No. of Cartridges	Thread	Silencer	Stage	Max. Vacuum level (- kPa)	Supply Air Pressure (bar)	Max. Vacuum Flow(Nl/m)	Air Consumption (Nl/m)	Noise level (dBA)	Min. hose inner Ø (within 2m)		
										Air supply	Vacuum	Exhaust
VTC3021-2	1	G3/4"	-	2	92	3 - 4	171	97 - 152		6	8	10
VTC3031-2	1	G3/4"	Two Fold	3	92	3 - 4	341	97 - 152	50 - 60	6	8	10
VTC3122-2	2	G3/4"	Standard	2	92	3 - 4	342	194 - 304		8	15	15
VTC3032-2	2	G3/4"	Two Fold	3	92	3 - 4	682	194 - 304		8	12	18
VTC3022-2	2	G3/4"	-	3	92	3 - 4	342	194 - 304		8	12	18
VTC3132-2	2	G3/4"	Standard	3	92	3 - 4	682	194 - 304		8	15	15
VTC3123-2	3	G3/4"	Standard	2	92	3 - 4	513	291 - 456	60 - 65	10	19	22
VTC3133-2	3	G3/4"	Standard	3	92	3 - 4	1023	291 - 456		10	19	22
VTC3124-2	4	G3/4"	Standard	2	92	3 - 4	684	388 - 608		10	22	32
VTC3134-2	4	G3/4"	Standard	3	92	3 - 4	1364	388 - 608		10	22	32

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