

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

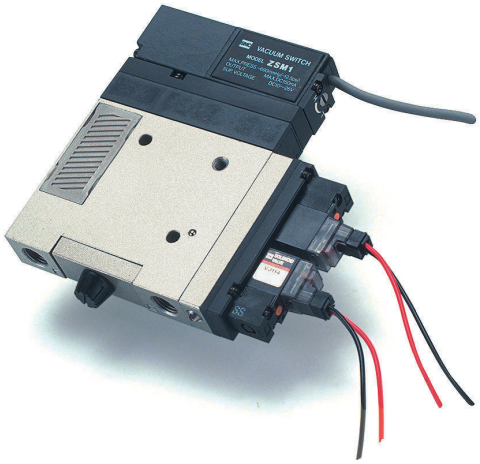
Expert team | Trust guarantee | 100% satisfaction

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VACUUM EJECTOR SERIES NZM

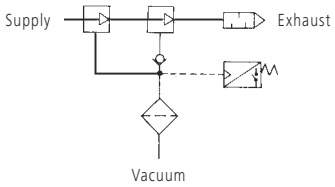
- All in one vacuum system
- Two stage nozzle design
- Suction flow rate 40% higher than traditional designs
- Silencer and suction filter
- Optional air supply and vacuum release valve
- Optional diaphragm or solid state vacuum switch
- Manifold mountable version



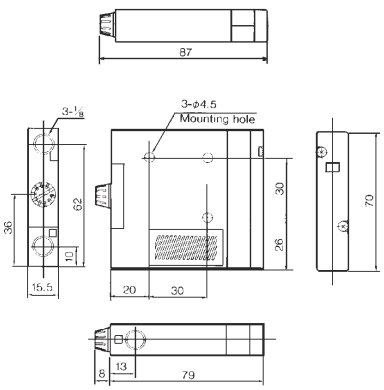
TECHNICAL SPECIFICATIONS

Fluid	Air
Max Operating Pressure	7 Bar / 100PSI
Operating Pressure	2 ~ 5.5 Bar / 30~80PSI
Operating Temperature	5 ~ 50°C (with valve) 40~120°F
	5 ~ 60°C (w/o valve) 40~140°F
Operating Valve (Air Supply & Release Valve)	Main: Poppet Valve
	Pilot: VJ114
Switch	Solid State Type ZSE1-0•••
	Diaphragm State Type ZSM1-0•••
Suction Filter	30µm PE (Polyethylene)
Lubrication	Forbidden
Solenoid Supply	24V DC

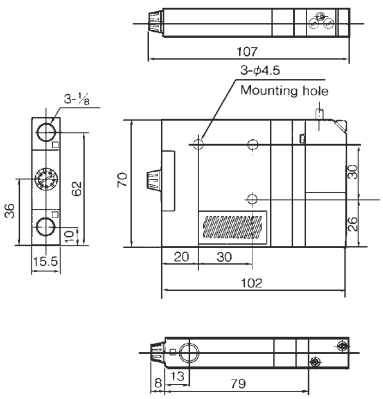
SYMBOLS



DIMENSIONS BASIC TYPE



DIMENSIONS WITH VACUUM SWITCH



HOW TO ORDER (N)ZM VACUUM EJECTOR

(N)ZM ○ ○ ○ ○ — ○

NOZZLE DIAMETER
05 ...0.5mm
07 ...0.7mm
10 ...1.0mm
13 ...1.3mm

TYPE
2 .....Body Ported
4 .....Manifold Type-Common SUP
6 .....Manifold Type-Individual SUP

SUPPLY PRESSURE
H .....5 Bar
M .....3.5 Bar

PORT THREAD
Nil ...PT* Remove (N) when ordering
T .....NPTF

SWITCHES
Nil ...Without
E15L Solid State (NPN)
E55L Solid State (PNP)
M21L Reed
M15L Non-contact

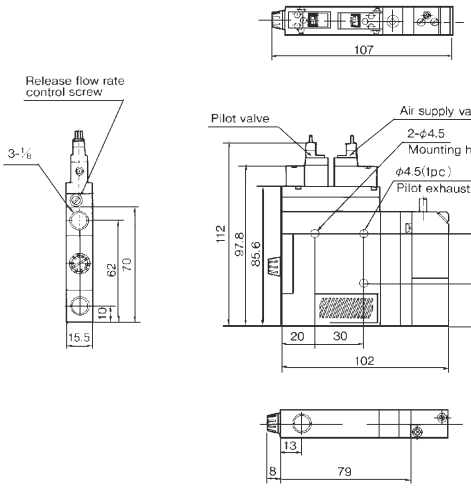
Model	Standard Supply Pressure	Max. Vacuum Pressure	Max. Suction Flow	Air Consumption
NZM05•H	5Kgf/cm²/ 75PSI	–630mmHg	18	12
NZM07•H	5Kgf/cm²/ 75PSI	–630mmHg	24	23
NZM10•H	5Kgf/cm²/ 75PSI	–630mmHg	36	46
NZM13•H	5Kgf/cm²/ 75PSI	–630mmHg	40	95
NZM07•M	3.5Kgf/cm²/ 50PSI	–630mmHg	20	16
NZM10•M	3.5Kgf/cm²/ 50PSI	–630mmHg	26	32
NZM13•M	3.5Kgf/cm²/ 50PSI	–630mmHg	36	70



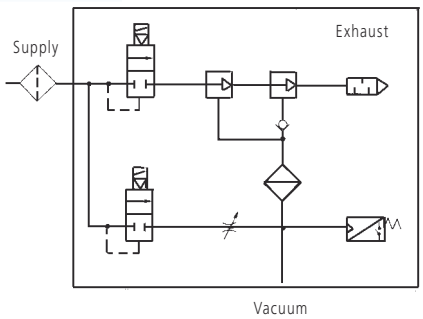
FOR FURTHER TECHNICAL DETAILS ON THIS PRODUCT REQUEST CATALOG REFERENCE **N400**

VACUUM EJECTOR SERIES NZM

DIMENSIONS
WITH VALVE AND VACUUM SWITCH



SYSTEM CIRCUIT



HOW TO ORDER
NZM VACUUM EJECTOR WITH VALVES AND SWITCH

(N)ZM ○ ○ ○ H–K5LZ — ○

NOZZLE DIAMETER
05 ...0.5mm
07 ...0.7mm
10 ...1.0mm
13 ...1.3mm

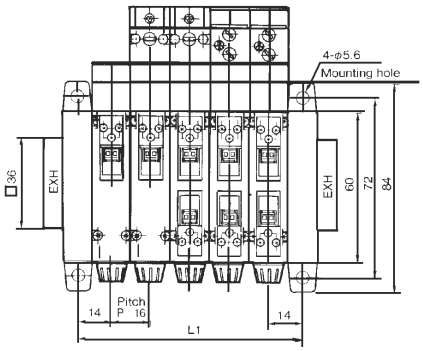
VOLTAGE
5 .....24VDC
6 .....12VDC

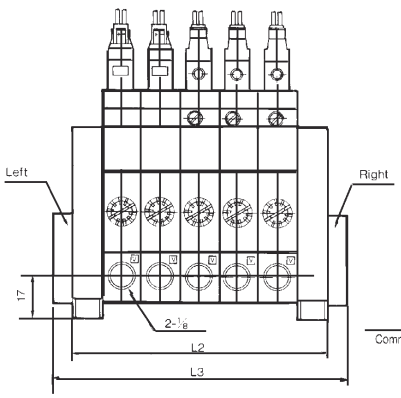
VACUUM SWITCH
Nil ...Without
E15L Solid State (NPN)
E55L Solid State (PNP)
M21L Reed
M15L Non-Contact

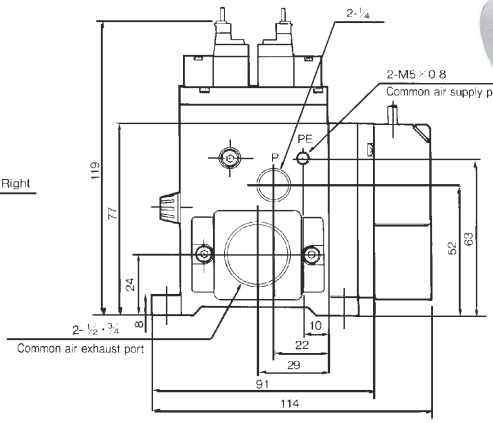
PORT THREAD
Nil ...PT* Remove (N) when ordering
T .....NPTF

TYPE
1 .....Body Ported
3 .....Manifold Type - Common SUP
5 .....Manifold Type - Individual SUP

DIMENSIONS
NZM VACUUM EJECTOR MANIFOLD





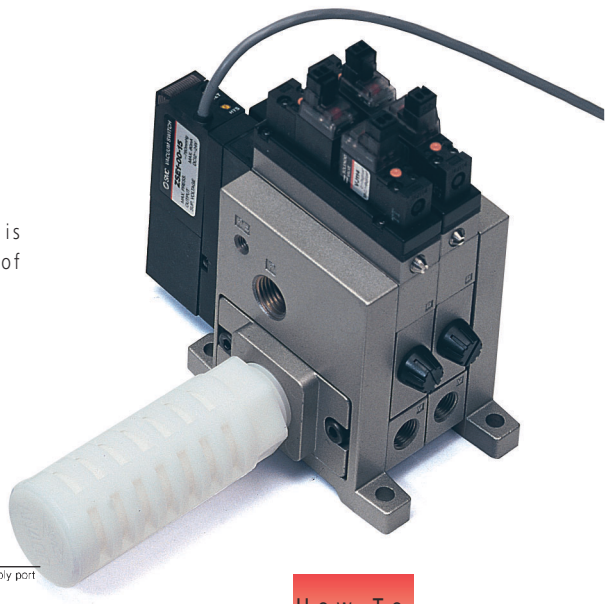


Fitted with an Optional Silencer Series NAN: see section Air Preparation Accessories

n	1	2	3	4	5	6	7	8	9	10
L1	28	44	60	76	92	108	124	140	156	172
L2	40	56	72	88	104	120	136	152	168	184
L3	50	72	88	104	120	136	168	168	184	200

SERIES NZM VACUUM EJECTOR MANIFOLD

- 1 – 10 Stations
- Common supply and exhaust
- Maintenance and adjustment is possible without disassembly of the manifold



HOW TO ORDER
NZM VACUUM EJECTOR MANIFOLD

(N)ZZM ○ — ○ ○ B

NUMBER OF STATIONS
01 ... 1 Station
02 ... 2 Stations
to
10 ... 10 Stations

EXHAUST PORT
04 ... 1/2
06 ... 3/4

PORT THREAD
Nil ...PT* Remove (N) when ordering
T .....NPTF

EXHAUST ADAPTOR LOCATION
B .....Both Ends

FOR FURTHER TECHNICAL DETAILS ON THIS PRODUCT REQUEST CATALOG REFERENCE N400

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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