



MULTISTAGE VACUUM EJECTOR
SERIES ZL

- ✓ Three stage defuser system - for high flow, low air consumption and energy saving
- ✓ Compact design - aesthetic appearance, easy to locate
- ✓ Free mount type - mounting from three sides possible
- ✓ Built in one-touch fittings - for easy piping
- ✓ Built in silencer and suction filter
- ✓ Optional vacuum pressure switch or gauge



TECHNICAL
SPECIFICATIONS

Model	ZL112	ZL112-G	ZL112-E □
Nozzle diameter	Ø1.2mm		
Max. suction flow	100l/m (ANR)		
Air consumption	63l/m (ANR)		
Max. vacuum pressure	-84kPa {-630mmHg}		
Max. operating pressure	0.7MPa {7kgf/cm ² }		
Supply pressure range	0.2 ~ 0.5MPa {2 ~ 5kgf/cm ² }		
Standard supply pressure	0.4MPa {4kgf/cm ² }		
Operating temperature range	5 ~ 50°C		
Option	Vacuum pressure gauge, Vacuum pressure switch		

OPTION
SPECIFICATIONS

VACUUM PRESSURE GAUGE SPECIFICATIONS

Model	GZ30S
Fluid	Air
Pressure range	-100 ~ 100kPa
Scale angle	230°
Accuracy	±3% F.S. (Full span)
Class	Class 3
Operating temperature range	0 ~ 50°C
Material	Case: Polycarbonate/ABS resin

OPTION
SPECIFICATIONS

VACUUM PRESSURE DIGITAL SWITCH SPECIFICATIONS

Model	ZSE4-00-25(L)-X105	ZSE4-00-26(L)-X105
Output specification	1 output, NPN open collector 30V 80mA	1~5V ±5% FS load impedance 1kΩ
Fluid	Air	
Setting pressure range	0~-101kPa, -760mmHg, -14.7PSI, 1.01bar	
Min. display unit	1kPa, 5mmHg, 0.1PSI, 0.01 bar	
Hysteresis	Hysteresis modo, wind comparator modo	
Temperature specification	±3%F.S. (Full span) or less	
Repeatability	±1% or less	
Power supply	DC12~24V (Ripple ±10% or less)	
Indicator light	Light at ON Switch output 1 : Green	Light at ON : Green
Current consumption	25mA or less	
Error indicator	Red indicator light flashes / LCD error message	
Max. operating pressure	200kPa (2.04kgf/cm ²)	
Operating temperature range	0~50°C	
Electrical entry	Grommet Oil proof vinyl cabtire cable gray Ø3.4 0.2mm ²	

How To
ORDER

MULTISTAGE VACUUM EJECTOR SERIES ZL

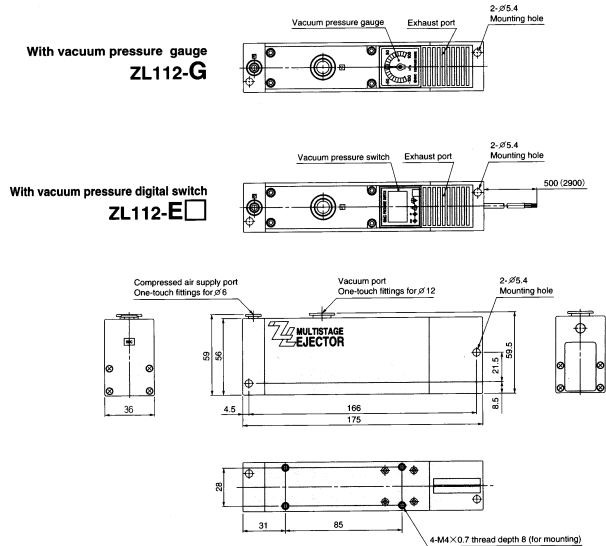
ZL112 — ● — Q

GAUGE & SWITCH OPTION
Nil ...No gauge or switch option
Gwith vacuum pressure gauge
Ewith vacuum pressure digital switch

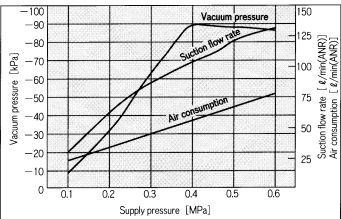
SWITCH & WIRING SPECIFICATIONS
25L ...3 wire 1 output, grommet 2.9m
26L ...3 wire analogue output, grommet 2.9m

STOCKED PRODUCTS
FOR A LIST OF STOCKED PRODUCTS,
PLEASE SEE THE CURRENT SMC PRICE LIST

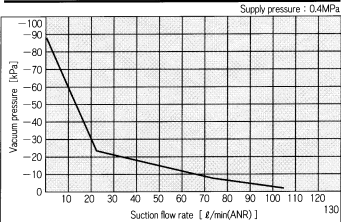
DIMENSIONS



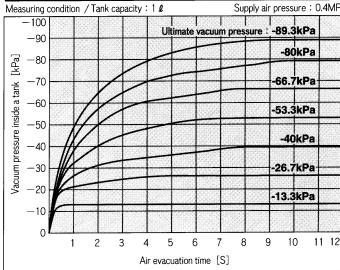
Exhaust Characteristics



Flow Characteristics



Air Evacuation Time



FOR FURTHER TECHNICAL
DETAILS ON THIS
PRODUCT CATALOGUE
REFERENCE E813