

# Ever advancing evolution!

## Far more variations of pressure control available

The ideal pressure for your equipment can now be selected.

You can better optimize your equipment's air pressure control.

### 3 variations

100kPa	200kPa	300kPa
400kPa	500kPa	600kPa
700kPa	800kPa	900kPa

### 9 variations

100kPa	200kPa	300kPa
400kPa	500kPa	600kPa
700kPa	800kPa	900kPa

## High-precision pressure control

Top class in the industry

The new control method, with built-in microcomputer, achieves higher-precision pressure control.

Unit: kPa

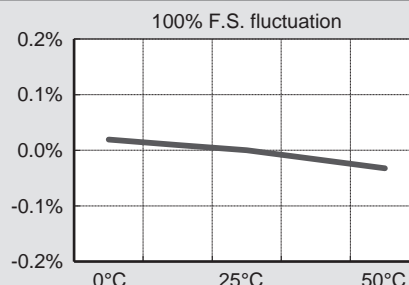
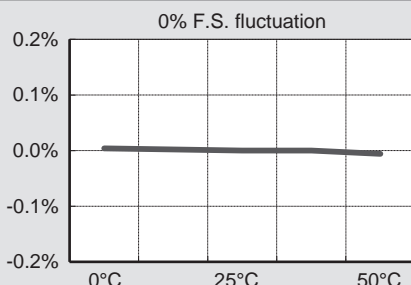
Control pressure	100	200	300	400	500	600	700	800	900
Item									
Hysteresis	0.3	0.6	1.5			3			
Linearity	±0.5	±1	±2.5			±5			
Resolution	0.1	0.2	0.5			0.9			
Repeatability	0.2	0.4	1			1.8			

Note: Values at F.S.

## Temperature stability

Improved stability

Built-in temperature compensation reduces the influence of ambient temperatures. No need for pressure correction due to equipment temperature increases.



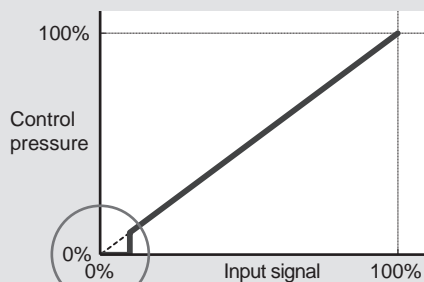
\* These are typical values and not guaranteed values.

## Pressure stability

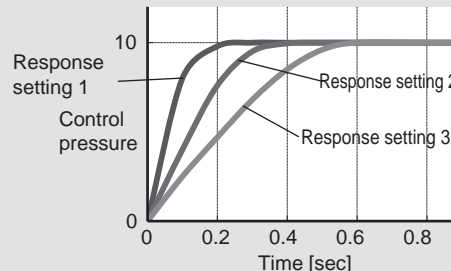
New function

Residual pressure 0 when the input signal is 0%.

Newly added function allows selection of pressure control patterns.



\*Residual pressure is generated when the secondary circuit is closed.



\* These are typical values and not guaranteed values.

# EVR Series

High precision electro pneumatic regulator

# Astounding accuracy and stability!

## Easy operation

Visualized operational status

### Two switches allow various settings

#### Zero point adjustment

Input signal 0% pressure adjustment

#### Span point adjustment

Input signal 100% pressure adjustment

#### Pressure control pattern selection

Selection from three patterns

### Operation indicator

"Green" displayed at control pressure  
"Red" displayed when outside the adjusting range

#### Normal status

#### Abnormal

## Compatibility/installation

### Easy replacement

● **Compatible mounting** with the conventional product (EV2500).

● **Two types of connectors are available.**

Straight

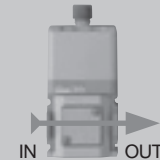


L-type

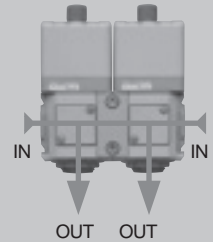


● **Manifold is also usable.**

Normal piping  
(EVR-2500)

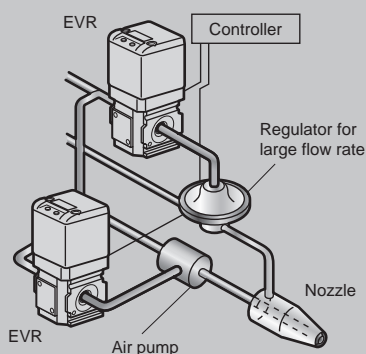


Manifold piping  
(EVR-2509)

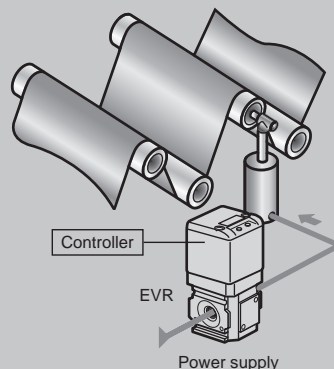


## System application examples

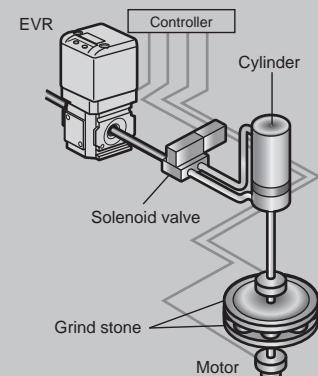
### Fluid pressure control



### Balancer tension control



### Grinding force control



F.R.L.  
F.R.  
F (Filtr)  
R (Reg)  
L (Lub)  
Drain  
Separ  
Mech  
Press SW  
Res press  
exh valve  
SlowStart  
Anti-bac/Bac-  
remove Filtr  
Film  
Resist FR  
Oil-ProhR  
Med  
Press FR  
No Cu/  
PTFE FRL  
Outdrs FRL  
Adapter  
Joiner  
Press  
Gauge  
CompFRL  
LgFRL  
PrecsR  
VacF/R  
Clean FR  
ElecPneuR  
AirBoost  
Speed Ctrl  
Silncr  
CheckV/  
other  
Fit/Tube  
Nozzle  
Air Unit  
PresCompn  
Electro  
Press SW  
ContactSW  
AirSens  
PresSW  
Cool  
Air Flo  
Sens/Ctrl  
WaterRISens  
TotAirSys  
(Total Air)  
TotAirSys  
(Gamma)  
Gas  
generator  
RefrDry  
DesicDry  
HiPolymDry  
MainFiltr  
Dischrg  
etc  
Ending