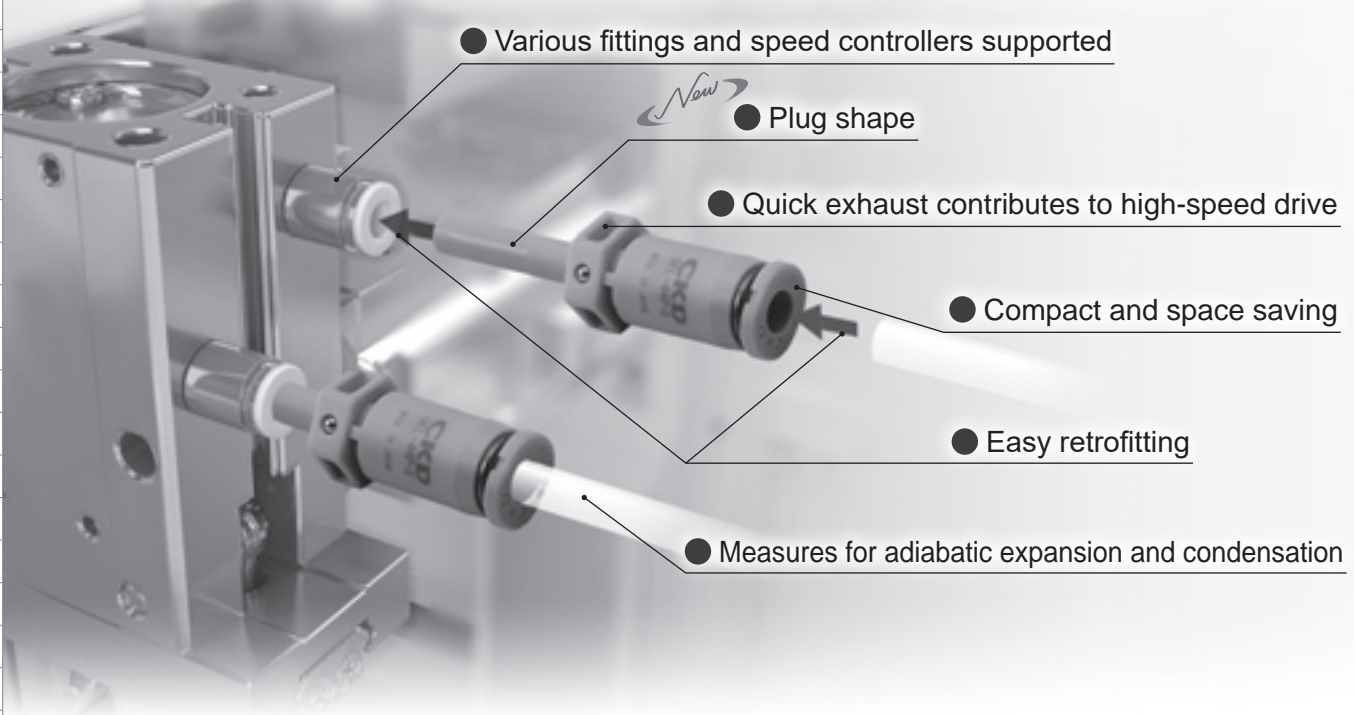
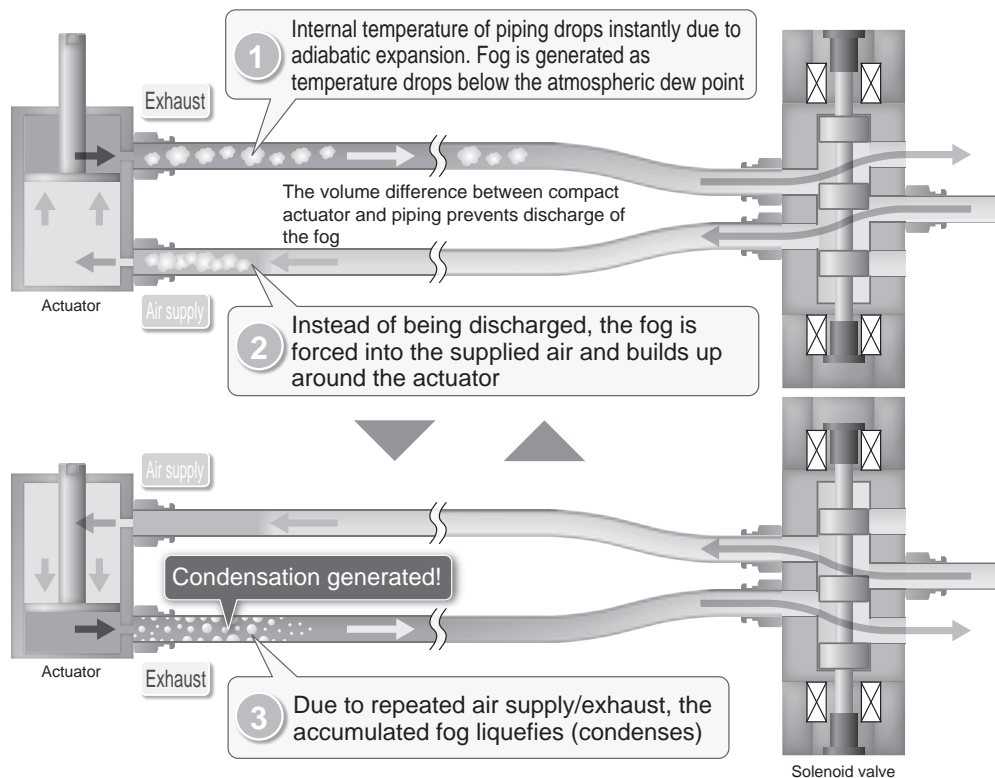


# Rapidly eliminates causes of



## Condensation generation mechanism



Condensation due to adiabatic expansion leads to the following issues.

**Rust**

**Grease deterioration**

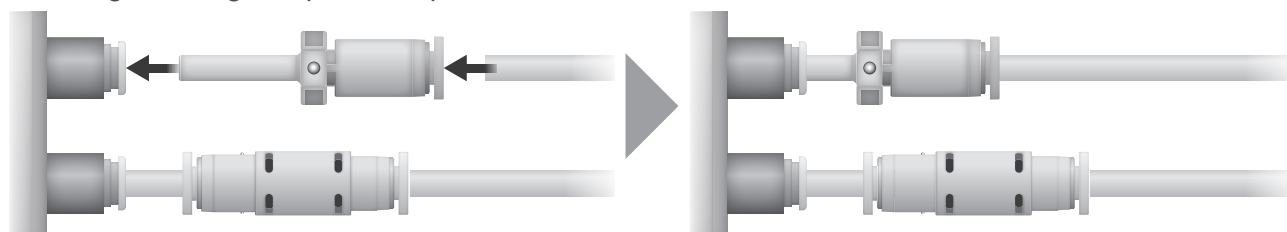
**Malfunction**

**Shortened service life**

# condensation

## Easy retrofitting

The plug shape allows easy mounting near the actuator.  
The elegant design helps save space.



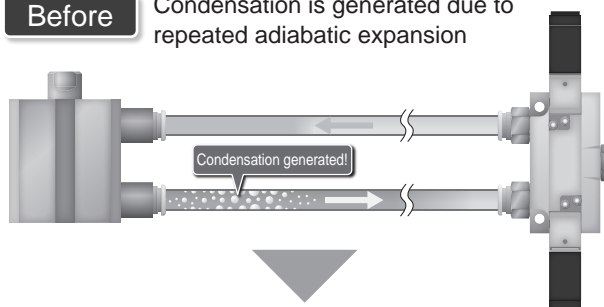
Quick exhaust valve with push-in fitting

**QEL SERIES**

## Usage examples

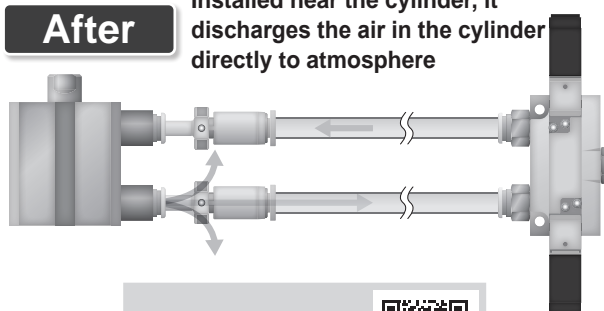
### Condensation countermeasures

**Before** Condensation is generated due to repeated adiabatic expansion



**After**

Installed near the cylinder, it discharges the air in the cylinder directly to atmosphere

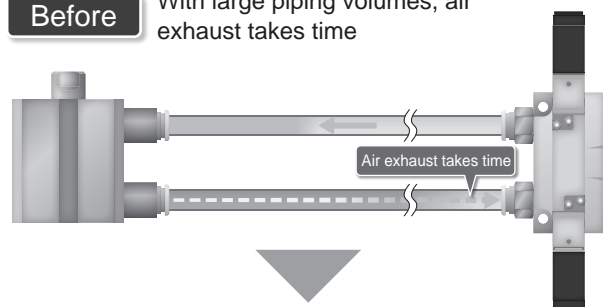


See here for details.



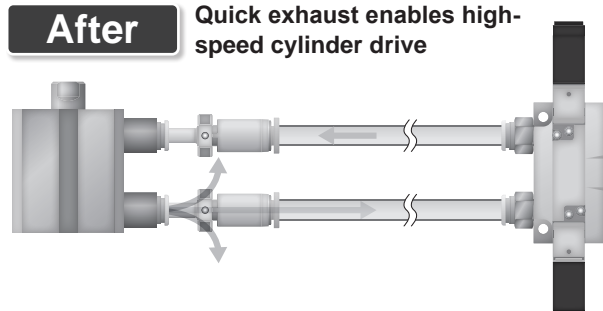
### High-speed drive

**Before** With large piping volumes, air exhaust takes time















**After**

Quick exhaust enables high-speed cylinder drive



## Introducing the QEL Series

Model variations		Features	Model No.	Compatible tube O.D.		Option	
				ø4	ø6	With exhaust port fitting	Atmosphere release
Plug		<ul style="list-style-type: none"> <li>● Compact</li> <li>● Assembly is easy even when retrofitted</li> <li>● No replacement of existing piping materials</li> </ul>	QEL-44P				
			QEL-66P				
Inline		<ul style="list-style-type: none"> <li>● Easy assembly is possible midway through tubes</li> <li>● Type with exhaust port fitting is available</li> </ul>	QEL-H44				
			QEL-H66				

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