CKD

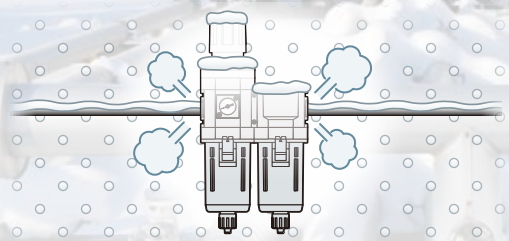
Products for Outdoor Use

WP Series

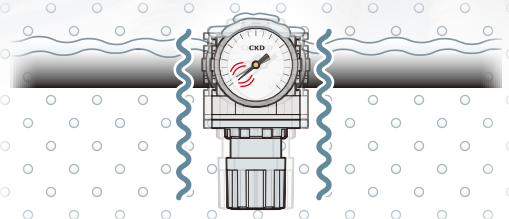
New standard for low-temperature protection

Could this be the cause?

Improper adjustment of air leakage and pressure



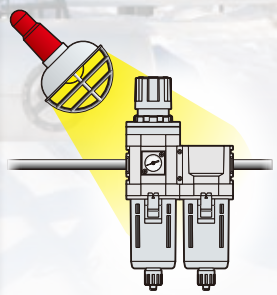
Inability to operate due to component freezing



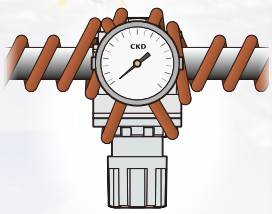
Frequently used measures

To secure component ambient temperature...

Use light emitter



Use tape heater





Installation work-hours and running costs are issues each season

Recommendations from CKD

Switch to the **WP Series of Outdoor products** that support a minimum ambient temperature of **-20°C** as **standard**.

WEATHER PROOF

Minimum annual temperature 0 to -20°C

Usable in cold regions around the world

CKD Corporation

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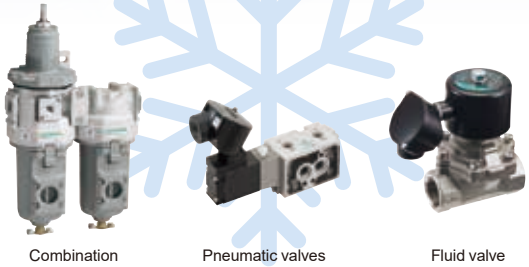
Great countermeasures for cold regions along with heatless dryers

Measures for pipes freezing



Compressor　Main line filter　Heatless dryer

Ambient temperature countermeasures



Combination　Pneumatic valves　Fluid valve

WP Series

Significant reduction of Maintenance Work-Hours and Operation Costs

A variety of outdoor products suitable for cold regions

Water/salt/drying

Combined cycle test

7-year

Acceleration equivalent

Ultraviolet ray

Accelerated weathering test

3-year

Acceleration equivalent

Ozone

Ozone exposure test

400 Hours

Various liquid lines

Air operated ball valve **CSB-W Series**



Pilot kick 2-port solenoid valve **ADK11 Series**



Direct acting 3-port solenoid valve **AG41 Series**



Compressed air line

F.R. unit **WW Series**



Pneumatic valves **4F Series**



Outdoor air cylinders

Medium bore size cylinder **SCA2-W Series**



In addition, many other outdoor products are available.

The goods and/or their replicas, the technology and/or software found in this catalog are subject to complementary export regulations by Foreign Exchange and Foreign Trade Law of Japan. The law requires a license from Ministry of Economy, Trade and Industry to export them.

CKD Corporation

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