



Safety Precautions

Be sure to read this section before use.
For general precautions for pneumatic equipment, please refer to Intro 15.

Product-Specific Cautions: Xeroaqua Dryer GT Series

Manufacturer's Disclaimer

DANGER

The manufacturer cannot be held liable in the following cases:

- In the case where there are serious errors in the operator's use.
- Illegal modifications or repairs using non-standard parts by user.

Design / Selection

DANGER

■ Do not use for applications other than removing moisture from compressed air.

CAUTION

- Do not use for caisson shields or medical devices such as breathing devices.
Doing so may result in serious injury.
- Do not mount and use this device on transportation equipment such as vehicles or ships.
Vibration may cause internal damage.

Air Quality

CAUTION

- Do not use when the inlet air contains corrosive gas, chemical solutions, organic solvents, or combustible gas.
- Refrigeration air dryers use copper pipes (phosphorus deoxidized copper pipes) for the refrigerant gas pipes and pipes within the heat exchanger. When corrosion causes a hole in these copper pipes, the refrigerant gas will leak and make it impossible to operate the unit, or cause failure such as water leaking from the compressed air outlet side of the air dryer. In addition, copper is also used as conductive materials for the electrical wiring, etc. Corrosion thereof may cause breakdowns such as electrical leakage accidents. In particular, copper piping in heat exchangers is subject to repeated condensation and drying, and

if corrosive components are present, they are likely to be concentrated on the copper piping surface and accelerate corrosion. Therefore, sufficient attention should be paid not only to the installation environment of air dryers but also to the intake air from air compressors. Failures caused by corrosion are not covered by the warranty. Plant exhaust may contain NOx (nitrogen oxides), SOx (sulfur oxides), CO₂ (carbon dioxide), and other substances that may promote corrosion, and consideration must be given to the installation location of air dryers and air compressors to ensure that they are not affected by factory exhaust. In rare cases, if chlorine-based organic solvents (trichloroethylene, etc.), aldehyde or alcohol (formaldehyde generated from building materials or methanol in the chemicals used) are absorbed by the air dryer and hydrolyzed, the copper piping could corrode (like an ant nest). Caution is required in these cases.

Maintenance Space

CAUTION

- Make sure that the space is well ventilated, and secure enough space for maintenance and inspection.
 - Applicable models: GT9075D(WD) to 9120D(WD)
Front: 1000 mm or more, either left or right side: 600 mm or more
 - Applicable models: GT9150D(WD), 9190D(WD)
Front: 1000 mm or more, left side: 600 mm or more
 - Applicable models: GT9240 to 9450, GT9240W to 9450W, GT9710WV2 to 9960WV2
Front surface, rear surface, and left side: 600 mm or more each

During transport

WARNING

- This product is filled with refrigerant (R-410A, R-407C). (GT9960WV2 is 12 kg and over while others are less than 12 kg) Upon transport (land, sea, air), be sure to comply with the laws and regulations applicable to each situation.

Other

WARNING

- This product is subject to the Law Concerning the Rational Use and Proper Management of Fluorocarbons (Law for CFC Emission Control). One or more simplified inspection per quarter and periodic inspections based on the law (GT9710WV2, GT9960WV2) are required. Be sure to collect the Freon gas when repairing or disposing of the product. Contact CKD for inspection and Freon gas collection.

CAUTION

- This unit is accompanied by a Class 2 Pressure Vessel Pressure Resistance Certificate. Please keep it in a safe place at your company while the unit is in use.
(Applicable models: GT9240 to 9450, GT9240W to 9450W, GT9710WV2, 9960WV2)
(Applications to the Labor Standards Supervision Office are no longer required in Japan.)

For precautions during mounting, installation, adjustment, use and maintenance, refer to the CKD Components Product Site (<https://www.ckd.co.jp/kiki/en/>) → "Model No. → [Instruction Manual](#)