Simple, reliable, space saving

Further increased reliability and ease of use.
The Xeroaqua dryer GT Series has been reborn in response to the changing needs of our customers.

Operable at ambient temperature of **48°C**
High-temperature environments supported

Installation area reduced by up to **30%**
Space saving supported

Processing air rate increased by up to **10%**
Increased facility efficiency supported

Refrigerated air dryer Xeroaqua

GT Series (75 kW to 190 kW)

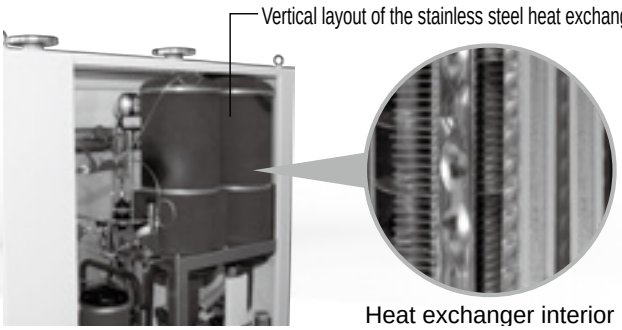
High quality, high reliability

Keeps working even at high temperatures

Operation won't stop even in summer. (Max. ambient temperature 48°C)

Heat exchanger with excellent climate resistance

The use of a stainless steel vessel prevents dust generation from the heat exchanger.
The refrigerant pipes within the heat exchanger are nickel plated for improved corrosion resistance.



Heat exchanger interior

Easy maintenance

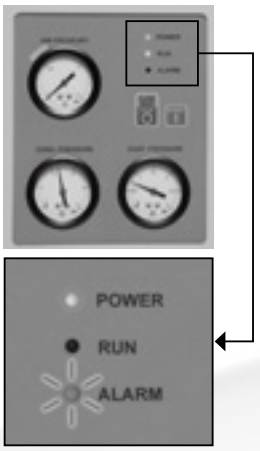
Inspection via control panel

Regular inspection can be performed by simply looking at the control panel. The refrigerant pressure gauge and operation lamp make operating status visible at a glance.

Easy error diagnostics

The causes of error-induced stoppages can be identified through the blinking pattern of the ALARM LED.

When ON	Refrigerant circuit pressure error
When blinking 2 times	Refrigerant circuit temperature error
When blinking 3 times	Current error



Dust filter installed as standard

Reduces the hassle of condenser cleaning. Attachment and removal are extremely easy.

Centralized control possible

Remote control, operating and alarm signal interface equipped as standard.

Space saving

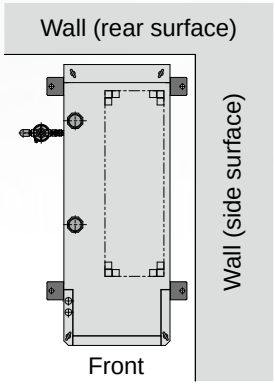
Space saving realized with top surface exhaust

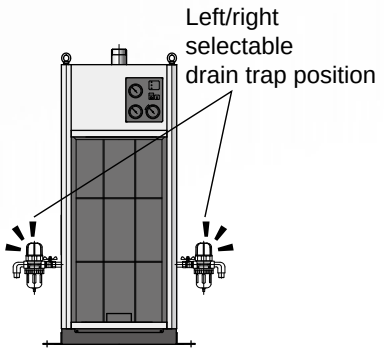
Top surface exhaust allows the unit to be mounted flush against a wall.

Flush-mounting and freely installable

Select drain trap left or right mounting: depending on the environment, installation is possible flush with the rear and either left or right walls.

* GT9150D(WD) and 9190D(WD) can only be installed flush against walls to the right.
* Right takeout drain trap is an option.





* Note that right side mounting requires optional accessories.

[Series variation]

	Rated conditions: Pressure dew point (°C)	Inlet air pressure (MPa)	Ambient temperature (°C)	Inlet air temperature (°C)	Cooling water inlet temperature (°C)	Applicable air compressor (kW)
Standard inlet/air cooling GT9000(D) Series	10	0.7	32	40	–	55 75 90 120 150 190 240 300 380 450 710 980
Standard inlet/water cooling GT9000W(D) Series	10	0.7	32	40	32	55 75 90 120 150 190 240 300 380 450 710 980
Inverter-controlled/water-cooling type GT9000WV2 Series	10	0.7	32	40	32	55 75 90 120 150 190 240 300 380 450 710 980

Advanced energy saving, ease-of-use, and environment performance.

Refrigeration air dryer

Large model series / 240 to 960 kW

The large Xeroaqua air dryer GT Series with directly connected air compressor has been reborn into three different series with various features.

Promising high quality and high reliability

Stainless steel heat exchanger for oil free compressed air

A heat exchanger incorporating the newly developed stainless steel vessel has been incorporated. This prevents dust generation from the heat exchanger.

Outstanding weather resistance

The refrigerating piping (copper pipes) in the heat exchanger are nickel-plated to improve corrosion resistance.
Stainless steel piping specifications are also available. Contact CKD for information.

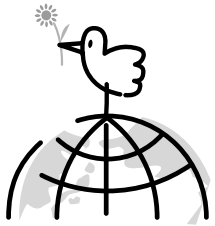
No abnormal stop under high loads (GT9000WV2 Series)

The self-protection control activated during high load operation to drop the compressor's speed. This allows operation to be continued without abnormal stopping.

Environment-friendly refrigerant

Environment-friendly refrigerant R-407C

The new refrigerant R-407C has a zero ozone depletion potential. This surpasses conventional refrigerants in terms of global warning.



Energy saving

Multi-unit control for 50% power reductions (GT9300 to 9450, GT9300W2 to 9450W)

The 2-stage selection refrigerant system automatically switches to 1-stage energy-saving operation during low loads. Power consumption can be reduced by up to 50%.

Inverter control for 60% power reductions (GT9000WV2 Series)

The compressor's inverter control realizes optimum energy-saving operation which corresponds to the load.
Power consumption can be reduced by up to 60%.

Configurable dew point (GT9000WV2 Series)

Configurable pressure dew point in the range of 10 to 18°C. Power consumption can be reduced drastically by setting above 10°C when dew condensation is unlikely to occur such as during the summer.

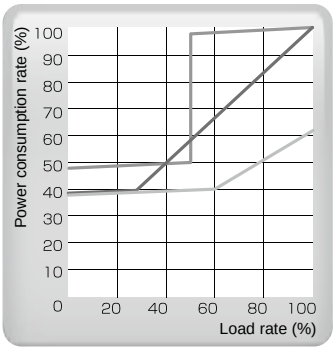
Linking dew point temperature to ambient temperature (GT9000WV2 Series)

A function to link the pressure dew point to the ambient temperature and automatically control the link is provided. The dew point temperature is automatically adjusted to a temperature at which condensation does not occur. This eliminates the need to manually change the dew point setting, and realizes ideal energy saving operation.

Same performance at 50 and 60 Hz (GT9000WV2 Series)

The compressor inverter control allows the same performance to be attained in 50 and 60 Hz districts.

Relation of GT9000WV2 Series load rate and power consumption



GT 9000(Air cooling) 9000W(Water cooling) 9000WV2(Water cooling inverter) Series

Easy maintenance

The operation status is visible at a glance

The electronic operation panel makes the operating status, dew point and failure status of the dryer visible at a glance.

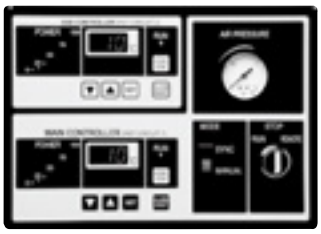
GT9300(W) to 9450(W)

Air pressure gauge provided as standard

All models are equipped with an air pressure gauge on the operation panel.

Centralized control possible

Central control within the plant is possible with remote operation and operation/error signal output takeout.



GT9960WV

Equipped with dust filter (GT9240 to GT9450)

Equipped with dust filter for condenser. It can also be attached/detached easily without tools.

With additional service ports (GT9240 to GT9450, GT9240W to GT9450W, GT9000WV2 Series)

Service ports (with check joint) have been provided on the inlet and outlet piping. Usable for monitoring pressure, dew point, etc.

Universal installation anywhere

Space saving realized with top surface exhaust (GT9240 to 9450)

An exhaust duct is mounted on the top of the body to save floor installation space.