

OWNER/OPERATOR MANUAL

REFRIGERATED(COMPRESSED) AIR DRYER Xeroaqua G-Series

GT5055

GT5075

GT7055

GT7075

GT7095

GT7120

GT7150

GT7200

GT7250

GT7300

GT7400

GT7480

- Be sure to read this manual before operating your dryer.
- Keep this manual within the reach of an operator all the time.



Safety instructions

This dryer must be operated by a person who has basic knowledge of electric, compressed air, liquid, piping, refrigerant, etc. We are not responsible for any accidents caused when a person who does not have the basic knowledge or who is not well trained installation. operation, repair, etc.

Improper operation may cause poor performance of the dryer or may cause accidents. We applied a variety of safety measures to our dryers, but improper handling of dryers could cause accidents. Thus, be sure to read and fully understand this manual before using them. "Keep this manual together with the dryer".

Caution for safety

Cautions at operation are indicated in the following two ways.





WARNING used when improper handling could kill or seriously harm operators



CAUTION used when improper handling could harm operators or damage objects



WARNING: ROTATION

- ★The fan may start rotating suddenly and may be harmful. Do not put your hands or objects into the fan area.
- Be sure to turn off the power before inspection.



WARNING: ELECTRICAL SHOCK

- ★Power supply terminal box, switches, etc. may cause you electrical shock.
- Be sure to turn off the power before inspection. Do not operate the dryer with your wet hands.





A CAUTION: HIGH TEMPERATURE

- ★The dryer is hot for a while after shut down the dryer.
- Be sure to turn off the power and to confirm that dryer becomes cool before inspection.





CAUTION: FOOT HOLD

- ★You could fall if you climb on the panel.
- Do not climb on the panel.



EARTH CONNECTION

★Be sure to connect earth to prevent electrical shock.



This dryer is industrials. Be sure to fully attend to using the dryer.

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Safety instructions

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1. Introduction

Thank you very much for purchasing our refrigerated air dryer, Xeroaqua G Series.

This manual explains basic points of operation to have our dryer performs at their best.

Be sure to read this manual before using your dryer.

Keep this manual together with the dryer.

2. Warranty

Assure next contents.

(1) Warranty period

One year from the date of purchase (date on delivery or invoice date).

(2) Repair free of charge (Note: applied dryers to use in Japan)

- a. We will repair your dryer free of charge during the warranty period if it breaks down and is used properly as indicated in this manual and labels on your dryer.
- b. We will charge you repair service fee even during our warranty period if the following apply.
- * breakdown or damage due to improper operation, repair, or remodeling.
- * breakdown or damage due to relocation after installation, drop, or transportation damage.
- * breakdown or damage due to transportation by automobile, ship, etc.
- * breakdown or damage due to fire, earthquake, flood, thunder, other natural disaster, pollution, salt hazard, gas hazard, abnormal voltage, abnormal water pressure or quality, congelation, or other external causes.
- * breakdown or damage not caused by your dryer.
- * travel expense



Warranty valid is only in Japan.

(3) After warranty expiration

Repair costs are needed for you.

(4) Periodical inspection (charge)

Ask us for this service.

(5) No second compensations

Our warranty policy is covered only for our products. We do not compensate for other equipments, products or compensation for business what are caused by this machine's accidents or failures. Please protect second compensations by your warning systems or nonlife insurances.



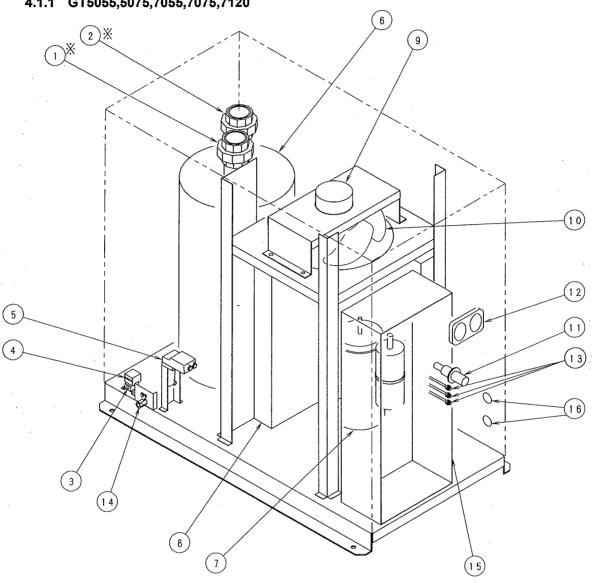
3. Cautions

- 1) Please use the dryer in the specification of operation range.
 - *Operation may stop or the product's life time shorten.
- 2) Turn on the power supply 4 hours before operation.(GT5075,7150,7200,7250,7300,7400,7480) *A crank case heater is built in the dryer to protect the refrigeration compressor.
- 3) Before operation, check pressures by these refrigerant pressure gauges.
 - If the temperature transrated from refrigerant pressure gages are almost same as ambient temperature, it is determined.
 - *If these indications are lower than ambient temperature, it is possible to leak refrigerant gas. Thus, turn off the power supply and referring to trouble shooting.
- 4) Check the indicator of dew point during operation.
 - *If the yellow lamp of the indicator turns on, operation will be stopped.
- 5) Do not turn on and turn off the dryer frequently more than 6 times an hour. Keep it running 5 minutes or more before turning it off and hold restarting it on 5 minutes or longer.
 - *Break-down or shorter life time of the product may result.
- 6) This dryer has a security function for momentary power failure what is produced by lighting ETC. Reactivate the dryer immediately after power recovery, if instantaneous power failure is less than 0.5 seconds. Also, reactivate the dryer 3 minutes later after power recovery, if instantaneous power failure is less than 2 seconds.
 - Do not operate with 5 minutes after stop this dryer, because the restart prevention circuit is operated.
- 7) Remote start terminal D1-D2 is alternate non-voltage input. (GT5055,5075,7055,7075,7095, 7120,7150,7200,7250)
 - Remote start terminal D1-D2 and remote stop terminal D3-D4 are momentary non-voltage input.(GT7300,7400,7480)
- 8) Do not touch any parts, wires, terminals or piping in side of the dryer.
 *Causes of an electric shock or a fire.
- 9) Do not remodel this dryer.
 - *Break-down or shorter life time of the product may result. If you did, the warranty is expired.
- 10) If emergency stop occurs during operation, remove the cause of abnormal conditions referring to the trouble shooting.
 - *If the emergency stop occurs repeatedly, this may cause the dryer to malfunction.
- 11) Discharge drain and sludge accumulated in the heat exchangers and drain pipes when you turn off the dryer.
 - Thus, turn on the manual drain switch 10 second or longer and open the manual drain valve 10 second or longer.
- 12) Please open the manual drain valve once or twice of about ten seconds a week, because contaminant that is accumulated in the pressure vessel need to be exhausted.
- 13) Do not use the dryer for pneumatic caisson shield or respiratory medical equipment.
 *It could cause an accident includes injury.
- 14) Do not use the dryer for transportation devices such as automobile, ship etc.
 - *Vibration could be a cause of break down of the internal components.

4. Component locations

4.1 Structure

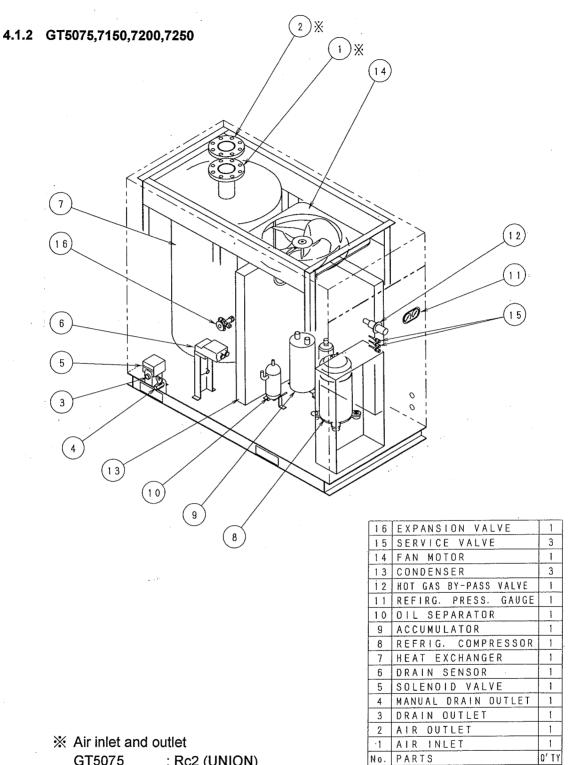
4.1.1 GT5055,5075,7055,7075,7120



※ Air inlet and outlet

GT5055,7055,7075: Rc2(Union) GT7095,7120 : 2¹/₂B 10K Flange

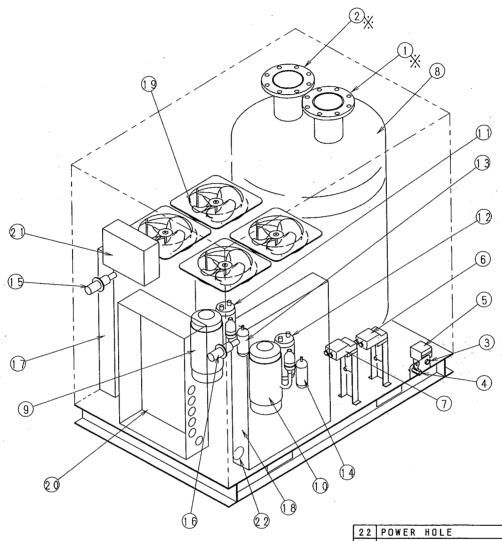
16	POWER SOURCE HOLE	2
15	ELECTRIC BOX	1
14	MANUAL DRAIN OUTLET	1
13	SERVICE VALVE	3
12	REFIRG. PRESS. GAUGE	1
11	HOT GAS BY-PASSVALVE	1
10	FAN BLADE	1
9	FAN MOTOR	1
8	CONDENSER	1
7	REFRIG. COMPRESSOR	1
6	HEAT EXCHANGER	1
5	DRAIN SENSOR	1
4	SOLENOID VALVE	1
3	DRAIN OUTLET	1
2	AIR OUTLET	1
1	AIR INLET	1
No.	PARTS	Q'TY



GT5075 : Rc2 (UNION)

GT7150,7200:3B 10K Flange GT7250 : 4B 10K Flange

4.1.3 GT7300,7400,7480



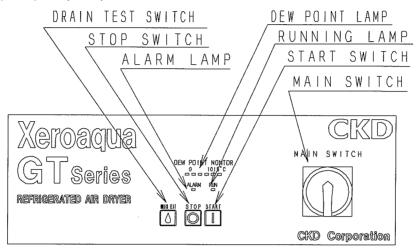
※ Air inlet and outlet

GT7300 : 4B 10K Flange GT7400,7480 : 6B 10K Flange

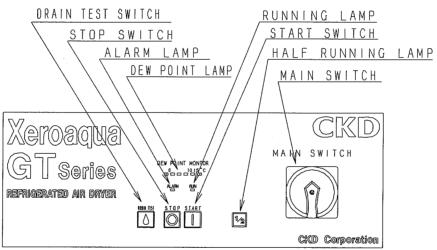
2	2 POWER HOLE	1	
2	1 FAN CONTROLLER BOX	1	
2	O ELECTRIC BOX	1	
1	9 FAN·FAN MOTOR	4	
. 1	8 CONDENSER	1	SYSTEM2
1	7 CONDENSER	1	SYSTEMI
1	6 HDT GAS BY-PASS VALVE	1	SYSTEM2
1	5 HDT GAS BY-PASS VALVE	3	SYSTEMI
1	4 OIL SEPARATOR	1	SYSTEM2
1	3 OIL SEPARATOR	3	SYSTEMI
1	2 ACCUMULATOR	1	SYSTEM2
1	1 ACCUMULATOR	1	SYSTEMI
1	O REFRIG. COMPRESSOR	1	SYSTEM2
9	REFRIG. COMPRESSOR	1	SYSTEMI
8	HEAT EXCHANGER	1	
7	OVER DRAIN SENSOR	1	
6	DRAIN SENSOR	1	
5	SOLENOID VALVE	1	
4	MANUAL DRAIN OUTLET	1	Rc1/2
3	DRAIN OUTLET	1	Rc1/2
2	AIR OUTLET	1	
1	AIR INLET	1	
Νo	. PARTS	0'TY	REMARK

4.2 Operation panel

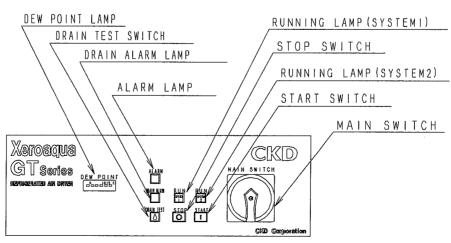
4.2.1 GT5055,7055,7075,7095,7120



4.2.2 GT5075,7150,7200,7250

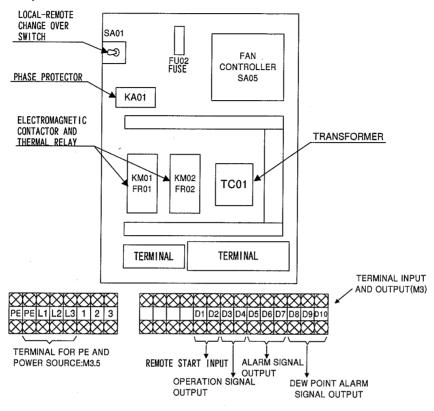


4.2.3 GT7300,7400,7480

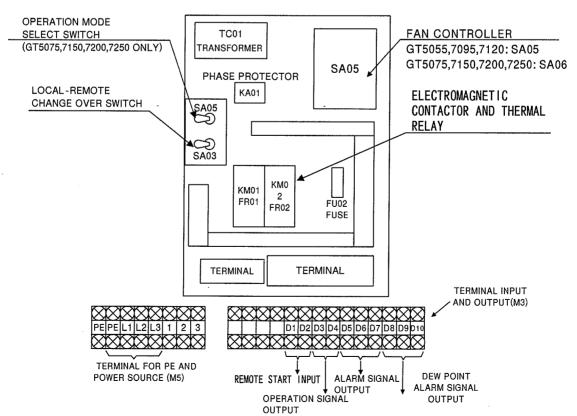


4.3 Electric box

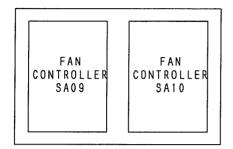
4.3.1 GT7055,7075

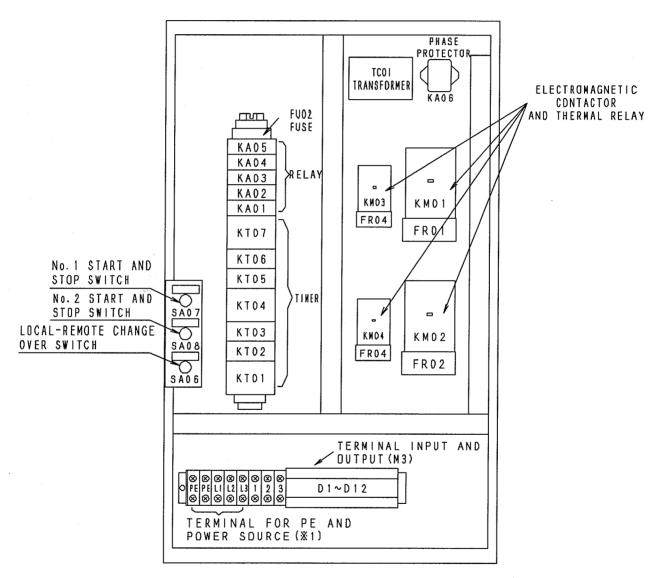


4.3.2 GT5055,5075,7095,7120,7150,7200,7250



4.3.3 GT7300,7400,7480





GT7300 : M5 GT7400, 7480: M6

X2
D1-D2 :REMOTE START TERMINAL
D3-D4 :REMOTE STOP TERMINAL
D5-D6 :RUNNING SIGNAL
D7-D8 :ALARM SIGNAL
D9-D10 :DEW POINT ALARM SIGNAL
D11-D12:DRAIN OVER FLOW SIGNAL

5. Description

1) Air circuit

There is a precooler, an evaporator and a reheater in this heat exchanger. After warm and moisturized compressed air is cooled in the precooler, it goes into the evaporator.

In the evaporator, the compressed air is cooled to the dew point temperature by heat exchanging with cold fleon gas.

Cooled and dehumidified compressed air goes into the reheater, then it so warmed and dried by the reheater and is changed to warm and dry air.

2) Refrigerant circuit

High-temperature and high-pressure fleon gas produced by the compressor are cooled and condensed in the condenser to make high pressure refrigerant liquid. This refrigerant liquid is decompressed in a capillary tube or expansion valve to be low-temperature and low pressure liquid.

This refrigerant liquid exchange heat with warm and wet compressed air in the evaporater. Then, that liquid cooles compressed air by vapourization heat of refrigerant evaporating, refrigerant gas returns to the refrigerant compressor again.

3) Drain circuit

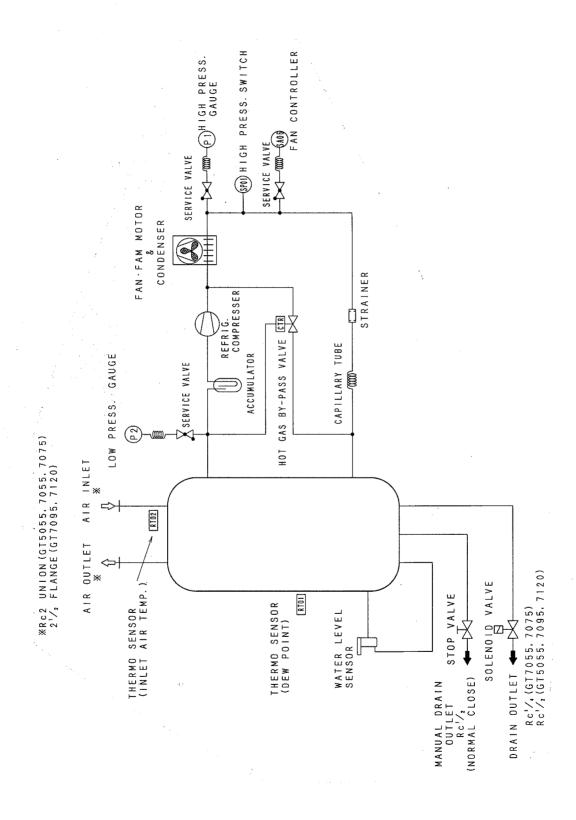
Drain becomes water vapor in compressed air that is cooled in the evaporator. Drain is accumulated at the lower portion of the heat exchanger.

Drain accumulated in the heat exchanger is regularly discharged compulsorily by air pressure when the solenoid valve is on.

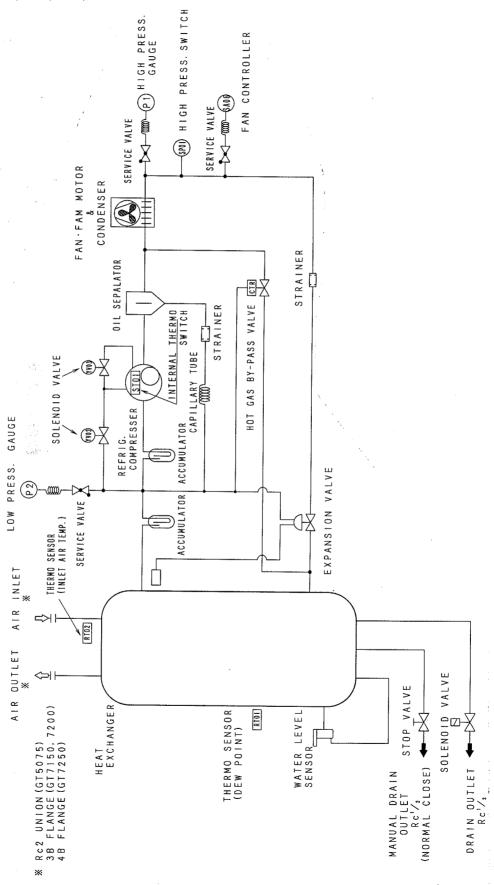
Also, this dryer has manual drain valve attached.

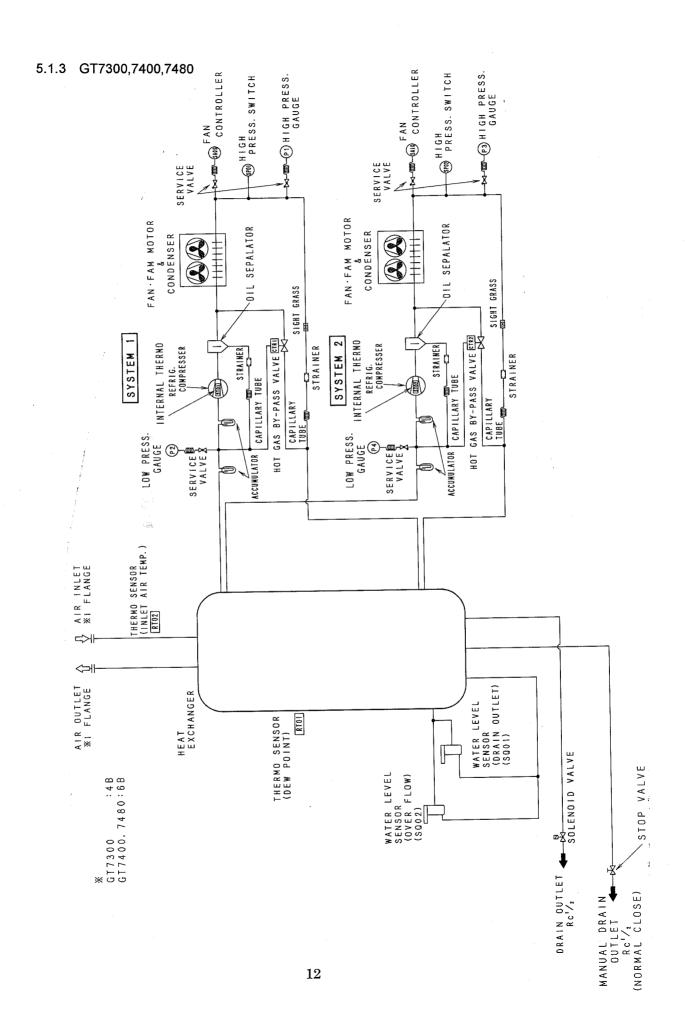
5.1 System diagram

5.1.1 GT5055,7055,7075,7095,7120



5.1.2 GT5075,7150,7200,7250





6. Startup and operation

6.1 Startup

- 1) Confirm air piping, drain piping and electrical wiring those are properly connected.
- 2) Confirm gate valves across the dryer are opened and the gate valve of by-pass piping those are closed. Confirm supply air pressure in the pipes that is zero.
- 3) Confirm the stop valve for manual drain outlet that is closed.
- 4) Turn on the main switch and turn on the power supply. (GT5055,7055,7075,7095,7120) Turn on the main switch and turn on the power supply 4 hours before operation. (GT5075,7150, 7200,7250,7300,7400,7480)

"DEW POINT" lamp on the operation panel turns on.

At this moment, the lamp indicates ambient temperature.

- 5) To operate the dryer remotely using external signals, change the Local/Remote selector switch to remote.
- 6) GT5075,7150,7200,7250

If the dryer is operated for less than 50% load. Further, the dryer is wanted to operate by the energy saving mode, operation mode switch (SA05) set at "HALF" GT7300,7400,7480

If the dryer is operated for less than 50% load. Further, the dryer is wanted to operate by the energy saving mode, turn off #1 or #2 refrigerant circuit "OPERATE / STOP" switch what are numbered "SA07" or "SA08".

6.2 Operation

1) Start up the dryer

Push "START" button on the operation panel.

In the remote control mode, close between terminal number D1 and D2. (GT5055,5075,7055 7075,7095,7120,7150,7200,7250: Non-voltage contact, Hold input GT7300,7400,7480:Non-voltage contact, Pulse input, Min. 0.5sec.)

2) Starting of operation

"RUN" lamp turns on, and the dryer operates.

System1 and system2 compressors operate one by one with 5 seconds time lag.(GT7300, 7400,7480) Please open supply air valve 5 minutes after dryer had been started.

* If the compressed air is flown into the dryer at the same time of the operation is started, moisturized air enters the outlet piping of the dryer, causing drain to occur.

During operation

After a while, dew point mater is working that should be within the green area.

The drain removed by the dryer is regularly discharged compulsorily by air pressure when solenoid valve is on.

You can check discharge of drain by pushing the "TEST" switch on the operation panel. When starting the dryer, discharge drain.

Reactivate the dryer immediately after power recovery, if instantaneous power failure is less than 0.5 seconds. Also, reactivate the dryer 3 minutes later after power recovery, if instant -aneous power failure is less than 2 seconds.

6.3 Shutdown the dryer

1) Push "STOP" button on the operation panel.

If you are using remote control mode, close the circuit between terminal D3 and D4. (GT5055,5075,7055,7075,7095,7120,7150,7200,7250: Non-voltage contact, Hold input GT7300,7400,7480: Non-voltage contact, Input pulse more than 0.5 second.)

2) "RUN" lamp will be turned off, then the dryer stops operation.

Keep it running 5 minutes or more before turning it off and hold restarting it on 5 minutes or Longer. Do not operate while 3 minutes after stop this dryer, because the restart prevention circuit is operated.

6.4 Safety device activation 6.4.1 Safety devices 6.4.1.1 GT5055,7055,7075,7095,7120

- 1) Thermo switch; When the refrigeration compressor become hot, thermo switch ST01 will be working, then the dryer stops operation.
- 2) Over current relay; When the refrigeration compressor has over current, over current relay FR01 will be working, then the dryer stops operation.
- 3) Over current relay; When the fan motor has over current, over current relay FR02 will be working, then the dryer stops operation.
- 4) High pressure switch; When the refrigerant high pressure exceeds the specified level, the high pressure switch SP01 will be working, then the dryer stops operation.
- 5) Dew point alarm; When the dryer has an abnormal dew point, DEW POINT mater shows a yellow lamp with output signal. (D8-D10) However, the dryer operation is still continuing. When the pressure dew point become correct, the alarm condition is automatically reset.
- 6) Other safety devices; This machine has some fuse for control circuit.
- 7) Alarm indication; When those safety devices (except for fuses) are working and the dryer stop operation, the alarm lamp "HL08" and switch the warning signal "D5-D7".

8) Set points of safety devices.

Mark	Model	Parts name	Application	Set point	How to reset
	CTECE	-000	Fisher el terre ferrefic	115℃ OFF	
	GT5055		External temp for refrig. comp.	85℃ ON	
	077055			135℃ OFF	
	GT7055		External temp for refrig. comp.	113℃ ON	
		Thermo switch		115℃ OFF	
ST01	GT7075	The state of the s	Coil temp. for refrig. comp.	85℃ ON	Auto reset
		†		115℃ OFF	
	GT7095		External temp for refrig. comp.	85℃ ON	
		1		115°C OFF	_
	GT7120		External temp for refrig. comp.	85°C ON	
	GT5055			14A OFF	
	GT7055				-
FR01	GT7075	Over current	Operating current for refrig.	9A OFF	Manual reset
	GT7095	relay	compressor	12A OFF	_ Mariaar 1000t
	GT7120			14A OFF	
	GT5055			1.1A OFF	
	GT7055	Over current	Operating ourrent for for	0.58A OFF]
FR02	GT7075	relay	Operating current for fan motor	1.1A OFF	Manual reset
	GT7095	leidy	motor	0.72A OFF	
	GT7120			1.1A OFF	
	GT5055				·
0004	GT7055	High pressure		2.75MPa OFF 2.26MPa ON	Auto reset
SP01	GT7075	switch	Refrig. circuit		
	GT7095				
	GT7120 GT5055				Auto reset
	GT7055		Cooling air temp.	23.5°Cor over	
SA01	GT7075	Dew point alarm output		and -0.9°C or	
0/101	GT7075			less	
	GT7120				
	GT5055				
	GT7055	Thermo fuse		128℃	
FU01	GT7075				Repare the parts
	GT7095				(TC01)
	GT7120				
	GT5055				-
FLICE	GT7055				Repare the parts
FU02	GT7075	Fuse		1A	(FU02)
	GT7095				`
	GT7120				
	GT5055 GT7055				
FU03	GT7055	Fuse		0.5A	Repare the parts
1 000	GT7075	1 435		U.JA	(FU03)
	GT7120				
	GT5055				
	GT7055				_
FU04	GT7075	Thermo fuse		131℃	Repare the parts (TC02)
·	GT7095			.5, 5	
	GT7120				

6.4.1.2 GT5075,7150,7200,7250

- 1) Internal thermostat; When the refrigeration compressor become hot, thermo switch ST01 will be working, then the dryer stops operation.
- 2) Over current relay; When the refrigeration compressor has over current, over current relay FR01 will be working, then the dryer stops operation.
- 3) Over current relay; When the fan motor has over current, over current relay FR02 will be working, then the dryer stops operation.
- 4) High pressure switch; When the refrigerant high pressure exceeds the specified level, the high pressure switch SP01 will be working, then the dryer stops operation.
- 5) Dew point alarm; When the dryer has an abnormal dew point, DEW POINT mater shows a yellow lamp with output signal. (D8-D10) However, the dryer operation is still continuing. When the pressure dew point become correct, the alarm condition is automatically reset.
- 6) Other safety devices; This machine has some fuse for control circuit.
- 7) Alarm indication; When those safety devices (except for fuses) are working and the dryer stops operation, the alarm lamp "HL08" and switch the warning signal "D5-D7".
- 8) Set points of safety devices.

Mark	Model	Parts name	Application	Set point	How to reset
	GT5075			120℃ OFF	Auto reset
ST01	GT7150	Thermo switch	Coil temp. for refrig. comp.		
3101	GT7200		Con temp. for reing, comp.	98°C ON	
	GT7250				
	GT5075	Over current	Operating current for refrig.	22A OFF	
FR01	GT7150			22/10/1	Manual reset
1101	GT7200	relay	compressor	27.5A OFF	Ivialidal reset
	GT7250			34A OFF	
	GT5075			2.4A OFF	
FR02	GT7150	Over current	Operating current for fan		Manual reset
1102	GT7200	relay	motor	2.6A OFF	ivianuai reset
	GT7250			3.5A OFF	
	GT5075				Auto reset
SP01	GT7150	High pressure	Refrig. circuit	2.75MPa OFF 2.26MPa ON	
0101	GT7200	switch			
	GT7250				
	GT5075	Dew point alarm output	Cooling air temp.	23.5°C or over and –0.9°C or less	Auto reset
SA01	GT7150				
0,101	GT7200				
	GT7250				
	GT5075				
FU01	GT7150	Thermo fuse		128℃	Repare the parts
. 001	GT7200	Thermo lase		1200	(TC01)
	GT7250				
	GT5075				Repare the parts (FU02)
FU02	GT7150	Fuse		1A	
. 002	GT7200				
	GT7250				
	GT5075				
FU03	GT7150	Fuse		0.5A	Repare the parts
. 000	GT7200			0.07	(FU03)
	GT7250				
	GT5075	Thermo fuse			
FU04	GT7150			131℃	Repare the parts
. 00-	GT7200	THOMIC IGGG		131 0	(TC02)
	GT7250				

6.4.1.3 GT7300,7400,7480

- 1) Internal thermostat; When the refrigeration compressor become hot, thermo switch (ST01,02) will be working, then the dryer stops operation.
- 2) Over current relay; When the refrigeration compressor has over current, over current relay FR01,02 will be working, then the dryer stops operation.
- 3) Over current relay; When the fan motor has over current, over current relay FR03,04 will be working, then the dryer stops operation.
- 4) High pressure switch; When the refrigerant high pressure exceeds the specified level, the high pressure switch SP01,02 will be working, then the dryer stops operation.
- 5) Dew point alarm; When the dryer has an abnormal dew point, DEW POINT mater shows a yellow lamp with output signal. (D9-D10) However, the dryer operation is still continuing. When the pressure dew point become correct, the alarm condition is automatically reset.
- 6) If drain level is exceeded over set point, light the drain alarm lamp"HL09" and switch the warning signal "D11-D12". However the dryer do not stop on those conditions.
- 7) Other safety devices; This machine has some fuse for control circuit.
- 8) Alarm indication; When those safety devices (except for fuses) are working and the dryer stops operation, the alarm lamp "HL10" and switch the warning signal "D7-D8".

9) Set points of safety devices.

Mark	Model	Parts name	Application	Set point	How to reset
ST01	1 GT7300	Internal thermo	Internal coil temp. for refrig compressor	120℃ OFF	Auto reset
ST02	GT7400 GT7480	stat		98℃ ON	
FR01	GT7300		0	22A OFF	Manual reset
FR01	GT7400	Over current relay	Operating current for refrig. compressor	27.5A OFF	
	GT7480	Tolay	Compressor	34A OFF	
FR03	GT7300	Over current	Operating current for fan	1.2A OFF	
FR04	GT7400	relay	motor	1.5A OFF	Manual reset
	GT7480			2.2A OFF	
SP01	GT7300	High pressure	Basic de la	2.26MPa ON	Auto reset
SP02	GT7400 GT7480	switch	Refrig. circuit	2.75MPa OFF	
	GT7300				
FU01	GT7400	Thermo fuse		131℃	Repare the parts
1 001	GT7480	Themo idae		1310	(TC01)
	GT7300				Repare the parts (FU02)
FU02	GT7400	Fuse		2A	
	GT7480				
	GT7300	Fuse			
FU03	GT7400			0.5A	Repare the parts
	GT7480				(FU03)
	GT7300				D
FU04	GT7400	Thermo fuse		131℃	Repare the parts (TC02)
	GT7480				(1002)
	GT7300				Repare the parts
FU05	GT7400	Fuse		0.5A	(FU05)
	GT7480				(1 500)
E1100	GT7300				Repare the parts
FU06	GT7400	Thermo fuse		131℃	(TC03)
	GT7480				(. 500)
SA01	GT7300	Dew point		23.5°C or over	Auto reset
SAUT	GT7400 GT7480	alarm output		and -0.9°C or less	
	G1/400	•			

6.4.2 Rest for the alarm

- 1) Turn off the power supply and main switch for "ALARM" lamp turning off.
- 2) Remove causes that stopped the dryer abnormally. (Refer to "Trouble shooting" on pg.19-20.)
- 3) Turn on the power supply.



- CAUTION: Be sure to turns off the power supply when remove causes of problems.
 - If thermal type safety devices had been working, the dryer can not restart until 10 to 15 minutes after power on, because of cooling time. You may restart after then.

7. Trouble shooting

	Condition		Causes		Measures		
"DEW POINT" lamp does not		Power supply did not turn on.		Turn c	Turn on the power supply.		
turn	on	Main switch did not turn on.		Turn on the main switch.			
			FU01		Replace the transformer(TC01).		
	•	vas d	у Б Б FU02		Replace the fuse.		
		Fuse was failed	FU02		•		
		1 E +			Replace the fuse. Replace the transformer(TC02).		
							
		Different power supply phase pattern.			Adjust the phase Replace the main control boad.		
"RUN" lamp does not turn on		· · · · · · · · · · · · · · · · · · ·		1 .			
	the push "START" button.	T			Set "LOCAL" on the Local-Remote change over		
		Main co	ntrol boad(SA01) was failed.	Replac	te the main control boad.		
		Start sw	itch(SB01) was failed.	Replac	e the main control boad.		
		GT7300	,7400,7480	1 .			
			emote change over switchwas set at "REMOTE".	Set "Le switch.	OCAL" on the Local-Remote change over		
		Start sv	witch (SA07,08) was set at	Set "O	N" on the start switch.		
		Run lam	p (HL07,08) bulb was failed.	Replac	e the run lamp bulb.		
			itch (SB01) was failed.		e the start switch.		
nal	Yellow lamp (High temp.	Refer to	"*" mark in water comes out wh	en the d	ryer is running.		
Dew point is abnormal	side of "DEW POINT" lamp) is turned on.	Dew point sensor(RT01) was short-circuited.		Replace the dew point sensor.			
nt is	Yellow lamp (Low temp.	Ambient temp. was low.		Adjust the temp.(2°Cor higher)			
poj	side of "DEW POINT"	Inlet air t	emp. was low.	Adjust	Adjust the temp.(5°Cor higher)		
Dew	lamp) is turned on.	Dew poi	int sensor(RT01) was burned	Replace	e the dew point sensor.		
	Dew point is normal, but water comes out to	The pipe temp. coming out from the dryer was lower than the dew point.		Insurate the pipe from ambient temp.			
	the end of piping	By-pass circuit is open.		Close the by-pass circuit.			
		Too muc	h flow rate.	Reduce	the flow (Less than rated condition.)		
			air pressure.	Increas	e the air pressure.		
_			valve(YV01) for drain	Jan (Replace the solenoid valve.		
running			ge was failed.	he manual in valve			
			ing is clogged.		Take apart and clean the drain pipe.		
er is			h drain capacity.	Open t	Watch drain do not flow in the dryer.		
d _Z	"DEW DOINT" to		sor (SQ01) is broke down.	0	Replace the drain sensor.		
the	"DEW POINT" lamp is on, and water comes out to the	•	c the load.		4		
hen	end of piping.(*)		ibient temp.		e the ambient temp.		
₹ ×		-High inlet air temp.		·Reduce the inlet air temp.			
o se			t air press.	Increase the air press.			
μος		·Too much flow rate.		· Reduce the flow.			
Water comes out when the dryer is				Adjust the voltage.			
				Clean th	Clean the dust filter.		
	ļ	GT5075,7150,7200,7250					
		Operation mode select switch (SA05) was set at "HALF".		Set "FULL" on the operation mode select switch.			
		GT7300,7400,7480					
		Start switch (SA07,08) was set at "OFF".		" on the start switch.			

	Condition		Causes		Measures	
	"ALARM" lamp turns on.	Some safety devices were turning on.		Remove causes of problems and reset		
		Refrigerant gas leakage.		Repair the parts leaking gas and refill refrigerant.		
		-Over s	spec the load.	·Refer the P15 * mark.		
	All the lamps turn off, and	Power	supply was turned off.	Turn on the power supply.		
١.	the dryer stops.	Low or	high power supply voltage.	Adjust the voltage.		
Sdc			FU01	Replac	e the transformer.(TC01)	
The dryer suddenly stops.		Fuse was failed	FU02	Replace the fuse.		
len		use wa failed	FU03	Replac	Replace the fuse.	
ğ		正	FU04	Replac	e the tranceformer (TC02).	
ler 8	"RUN" lamp is turns on			Wait un	til the dryer is restarted by automatically.	
l e	when the dryer stops.			(Reacti	vate the dryer immediately after power	
<u>ĕ</u>		Momen	tary power failure.	recove	ery, if instantaneous power failure is less than	
		INICITIES	tary power failure.	0.5 sec	conds. Also, reactivate the dryer 3 minutes later	
				after power recovery, if instantaneous power failure		
				is less than 2 seconds.)		
	"RUN" lamp is turns off, and the dryer stops.	l		Please restart after three minutes or more. (Do not operate while 5 minutes after stop this dryre, because the restart prevention circuit is operated.)		
	sure drop before/after the is too large.	Stopper valves before/after the dryer is closed.		Fully open the valves.		
		Treated	l flow rate is too large.	Lower the flow rate.		
l		Congelation in the dryer.		Increase ambient temp.		
	,			Increase the inlet air temp.		
exhau	on pressurized air is usted continuously from the			Take apart for clean or replace the solenoid valve.		
drain	drain solenoid valve.		Inlet air temp. sensor (RT02) was burned out.		Replace the inlet air temp. senser.	
	"DRAIN ALARM" lamp(HL09) is),7400,7480			
	on, and "DRAIN OVER- V" signal is output.	Drain discharge circuit was failed or drain pipe is choked up.		manual	Take apart for clean or replace the solenoid valve.	
			temp. sensor (RT02) was rouited.	Open the manual drain valve	Exchange the inlet air temp. senser.	

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