

**Discontinue**

Refrigerating type dryer, air cooling type

# GT5000 Series

Direct connection to air compressor and high temperature inlet air (55 °C) type

Applicable air compressor: 55kW and 75kW

JIS symbol



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## Specifications

Descriptions		GT5055	GT5075
Applicable air compressor	kW	55	75
Use range	Working fluid	Compressed air	
	Inlet air temperature	°C	
	Inlet air pressure	MPa	
	Ambient temperature	°C	
Rated	Treated flow rate (50/60Hz) m <sup>3</sup> /min(ANR)	9.6/10.6	13/14.3
	Inlet air temperature	°C	
	Inlet air pressure	MPa	
	Ambient temperature	°C	
Electrical specifications	Outlet air pressure dew point	°C	
	Pressure drop	0.0088/0.0108	0.0101/0.0122
	Power supply	Three phase AC200V 50/60Hz and AC220 V60Hz	
	Power consumption	kW	2.4/2.9
Operating current	A	9.3/10.2	13.3/14.3
Starting current	A	55/50	93/88
Refrigerant		R407C	
Air inlet/outlet port size		Union Rc2	
Product mass	kg	220	285
Exhaust heat	kW	9.5/10.9	13.0/14.8

Note 1. Standard paint color Outer panel : Quality cool white (Munsell No. 5GY7.5/0.5)  
Quality cool gray (Munsell No. 3G6.0/0.5)  
Base : Black (Munsell No. N1.0)

Note 2. ANR shows conditions where 20 °C atmospheric pressure and relative humidity 65%.

**Selection guide** If other than rated conditions, select a model according to the following selections method.

• Selection guide to air dryer: To select applicable model of air dryer according to air consumption.

	Input working conditions.	Input selecting conditions	Input coefficient
(1) How much pressure dew point is?	°C	°C	(1)
	Select a pressure dew point less than working conditions as selecting conditions, and indicate the coefficient.		X
(2) How much inlet air temperature is? (Compressor discharge temperature)	°C	°C	(2)
	Select a value exceeding upper limit of working conditions as inlet air temperature, and indicate the coefficient.		X
(3) How much ambient temperature is?	°C	°C	(3)
	Select a value exceeding upper limit of ambient temperature as ambient temperature, and indicate the coefficient.		X
(4) How much inlet pressure is? (Compressor discharge pressure)	MPa	MPa	(4)
	Select a pressure less than lower limit of working pressure, and indicate the inlet pressure coefficient.		
How much max. air consumption is?	m <sup>3</sup> /min(ANR)	/	(A)

$$= \boxed{\text{m}^3/\text{min(ANR)}} \leq \boxed{\text{Standard treating flow rate}} \text{ } \boxed{\text{m}^3/\text{min(ANR)}}$$

Rated air capacity is the rated treating flow rate listed in the catalog specifications.  
Select frequency 50Hz/60Hz and a model having flow rate larger than standard treating flow rate.

$$\boxed{\text{(5) Applicable model}}$$

(1) Pressure dew point coefficient	
Pressure dew point	Coefficient
15 °C	1.10
10 °C	1.00
7 °C	0.80
5 °C	0.68

(2) Inlet air temperature coefficient	
Inlet air temperature	Coefficient
55 °C	1.00
60 °C	0.88
65 °C	0.72
70 °C	0.59
75 °C	0.48
80 °C	0.39

(3) Ambient temperature coefficient	
Ambient temperature	Coefficient
32 °C	1.00
35 °C	0.95
38 °C	0.88
40 °C	0.84
43 °C	0.82

(4) Pressure coefficient	
Inlet pressure	Coefficient
0.2MPa	0.48
0.3MPa	0.62
0.4MPa	0.75
0.5MPa	0.88
0.6MPa	0.95
0.7MPa	1.00
0.8MPa	1.07
0.9MPa	1.11
1.0MPa	1.15

(5) Applicable model		
Frequency	Standard treated flow rate m <sup>3</sup> /min(ANR)	Model
50Hz	9.6	GT5055
	13	GT5075
60Hz	10.6	GT5055
	14.3	GT5075

• To check max. treating air flow rate of selected dryer

$$\boxed{\text{(5) How much flow rate of applicable model is?}} \text{ } \boxed{\text{m}^3/\text{min(ANR)}} \times \boxed{\text{(A)}} = \boxed{\text{Max. treated air flow rate}} \text{ } \boxed{\text{m}^3/\text{min(ANR)}}$$

Refrigerating type dryer  
 Desiccant type dryer  
 High polymer membrane dryer  
 Air filter  
 Automatic drain other  
 F.R.L (Module)  
 F.R.L (Separate)  
 Small F.R.  
 Precise R.  
 Electro pneumatic R.  
 Auxiliary  
 Flow control valve  
 Silencer  
 Check valve / others  
 Joint / tube  
 Vacuum F.  
 Vacuum R.  
 Vacuum generator  
 Vacuum auxiliary / pad  
 Mechanical pressure SW  
 Electronic pressure SW  
 Electronic dif. pres. SW  
 Sealing / close contact conf. SW  
 Pressure SW for coolant  
 Flow sensor for air  
 Total air system  
 Water cooling refrigerator  
 Flow sensor for water  
**Main line unit**  
 Refrigerating type dryer GT

## How to order

GT5 **055** - **G** - **AC400V**

**A** Capacity code

**B** Option  
Note 1  
Note 2

**C** Voltage  
Note 3

Symbol	Descriptions
<b>A Capacity code</b>	
055	55kW
075	75kW
<b>B Option</b>	
Blank	Standard products
F	Optional color
G	Optional voltage
H	English documentations
H2	SUS name plate
K2	With inlet air pressure gauge
M2	With overflow sensor
N1	Copper tube rust proof coating
0	Outdoors specifications (protection grade IP X 3)
Y2	Product photo
<b>C Voltage</b>	
AC200V (standard)	
AC220V (60Hz only standard)	
AC230V	
AC240V	
AC380V	
AC400V	
AC415V	
AC440V	
AC460V	
AC480V	

### Note on model No. selection

Note 1: Refer to "Pneumatic/vacuum/auxiliary components (No.CB-24S)" for descriptions of options.

Note 2: When multiple options are selected, indicate them in alphabetic order.  
(E.g.) When an optional color and an inlet air pressure gauge are provided to the standard product GT5055-AC200V.  
GT5055-FK2-AC200V

Note 3: (1) Indicate voltage for standard products. (E.g.) GT5055-AC200V  
(2) Order model no. for voltage AC220V is the following.  
(E.g.) For 50Hz and AC220V, option G product: GT5055-G-AC220V  
For 60Hz and AC220V, standard product: GT5055-AC200V

[Example of model number]

### **GT5055-G-AC400V**

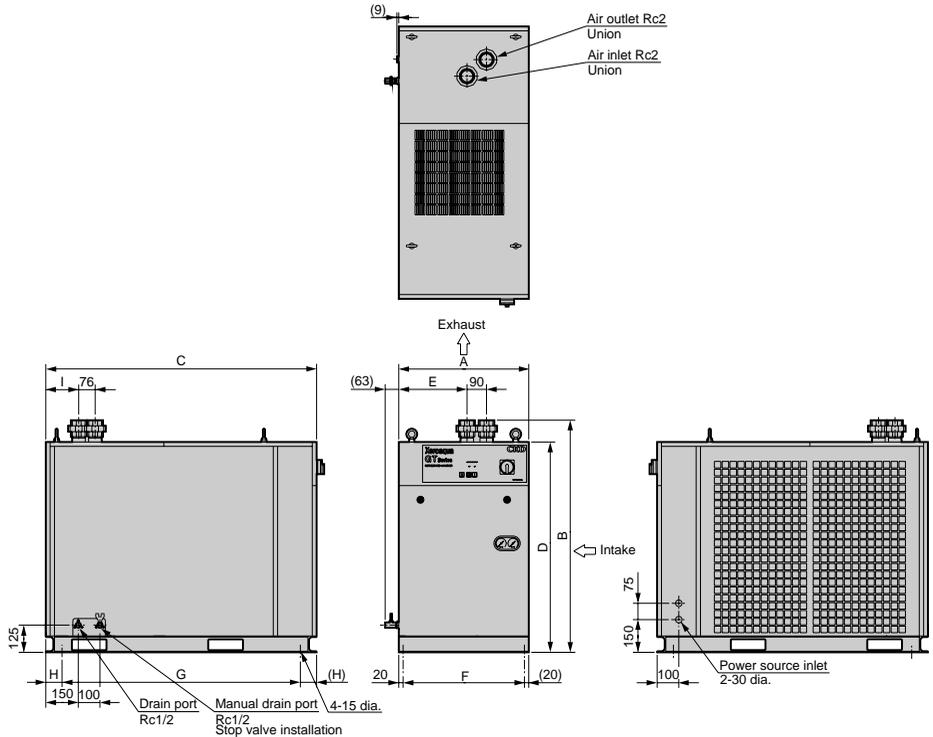
Model: Direct connection to refrigerating type  
dryer air compressor  
(high temperature inlet air type) air cooling  
type

**A** Capacity code : 55kW  
**B** Option : Optional voltage  
**C** Voltage : AC400V

#### Dimensions

• GT5055 to GT5075

(File name: Page 101 or Ending 13)

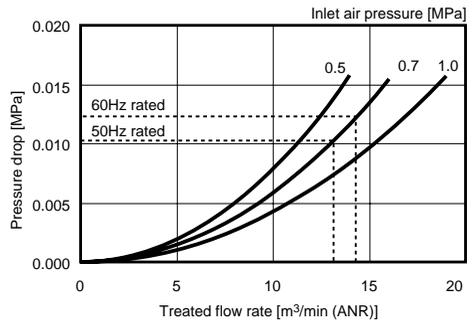
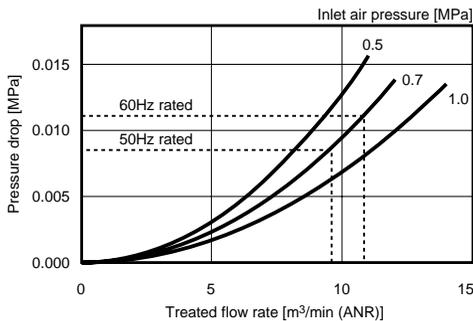


Symbol Model	A	B	C	D	E	F	G	H	I
GT5055	600	1065	1250	965	315	560	1100	75	180
GT5075	700	1095	1450	995	385	660	1250	100	232

#### Flow characteristics

• GT5055

• GT5075



- Refrigerating type dryer
- Desiccant type dryer
- High polymer membrane dryer
- Air filter
- Automatic drain other
- F.R.L (Module)
- F.R.L (Separate)
- Small F.R.
- Precise R.
- Electro pneumatic R.
- Auxiliary
- Flow control valve
- Silencer
- Check valve others
- Joint / tube
- Vacuum F.
- Vacuum R.
- Vacuum generator
- Vacuum auxiliary pad
- Mechanical pressure SW
- Electronic pressure SW
- Electronic dif. pres. SW
- Sealing / close contact conf. SW
- Pressure SW for coolant
- Flow sensor for air
- Total air system
- Water cooling refrigerator
- Flow sensor for water
- Main line unit Refrigerating type dryer GT

Discontinue

Refrigerating type dryer, air cooling type

# GT7000 Series

Direct connection to air compressor, standard inlet air type

Applicable air compressor: 55, 75, 95, 120, 150, 200, 250, 300, 400 and 480kW

JIS symbol



CAD DATA AVAILABLE.



## Specifications

Descriptions	GT7055	GT7075	GT7095	GT7120	GT7150	GT7200	GT7250	GT7300	GT7400	GT7480		
Applicable air compressor	kW											
	55	75	95	120	150	200	250	300	400	480		
Use range	Working fluid	Compressed air										
	Inlet air temperature	°C										
	Inlet air pressure	MPa										
	Ambient temperature	°C										
Rated	Treated flow rate (50/60Hz) m <sup>3</sup> /min(ANR)	9.6/10.6	13/14.3	16/18.8	20/23.5	25/30	32/37.6	39/46	48/56.5	67/79	78/92	
	Inlet air temperature	°C										
	Inlet air pressure	MPa										
	Ambient temperature	°C										
Functionality	Outlet air pressure dew point	°C										
	Pressure drop	MPa										
Electrical specifications	Power supply	Three phase AC200V 50/60Hz and AC220V 60Hz										
	Power consumption	kW	1.3/1.5	1.6/2.0	2.1/2.6	2.4/2.9	3.5/4.4	4.3/5.4	5.1/6.3	6.6/8.1	8.6/10.4	10.0/12.0
	Operating current	A	5.0/5.4	5.9/6.3	7.4/8.5	9.3/10.2	13.3/14.3	16.3/17.2	18.6/19.8	25.6/27.5	31.9/33.4	37.1/38.8
	Starting current	A	27.5/26.5	46/42	45/42	55/50	93/88	115/108	133/122	105/101	130/124	150/140
Refrigerant	R407C											
Air inlet/outlet port size	Union Rc2		Flange 21/2B		Flange 3B		Flange 4B		Flange 6B			
Product mass	kg											
	145	175	260	260	360	390	610	800	1050	1100		
Exhaust heat	kW											
	4.9/5.6	6.4/7.3	8.2/9.7	10.0/11.8	12.8/15.5	16.4/19.4	19.7/23.4	24.8/29.7	33.9/40.3	39.4/46.8		

Note 1. Standard paint color Outer panel : Quality cool white (Munsell No. 5GY7.5/0.5)  
Quality cool gray (Munsell No. 3G6.0/0.5)

Base : Black (Munsell No. N1.0)

Note 2. ANR shows conditions where 20 °C atmospheric pressure and relative humidity 65%.  
Note 3. Flange is 10K flange.

**Selection guide** If other than rated conditions, select a model according to the following selection method.

• Selection guide to air dryer: To select applicable model of air dryer according to air consumption.

	Input working conditions.	Input selecting conditions.	Input coefficient.
(1) How much pressure dew point is?	°C	°C	(1)
	Select a pressure dew point less than working conditions as selecting conditions, and indicate the coefficient.		X
(2) How much inlet air temperature is? (Compressor discharge temperature)	°C	°C	(2)
	Select a value exceeding upper limit of working conditions as inlet air temperature, and indicate the coefficient.		X
(3) How much ambient temperature is?	°C	°C	(3)
	Select a value exceeding upper limit of ambient temperature as ambient temperature, and indicate the coefficient.		X
(4) How much inlet pressure is? (Compressor discharge pressure)	MPa	MPa	(4)
	Select a pressure less than lower limit of working pressure, and indicate the inlet pressure coefficient.		
How much max. air consumption is?	m <sup>3</sup> /min(ANR)	/	(A)

$$= \boxed{\text{m}^3/\text{min(ANR)}} \leq \boxed{\text{Standard treating flow rate}} \quad \boxed{\text{m}^3/\text{min(ANR)}}$$

Rated air capacity is the rated treating flow rate listed in the catalog specifications.

Select frequency of 50Hz/60Hz and a model having flow rate larger than standard treating flow rate.

(5) Applicable model	
----------------------	--

(1) Pressure dew point coefficient	
Pressure dew point	Coefficient
15 °C	1.10
10 °C	1.00
7 °C	0.80
5 °C	0.70
3 °C	0.60

(2) Inlet air temperature coefficient	
Inlet air temperature	Coefficient
38 °C	1.09
40 °C	1.00
45 °C	0.83
50 °C	0.68
55 °C	0.57
60 °C	0.48

(3) Ambient temperature coefficient	
Ambient temperature	Coefficient
32 °C	1.00
35 °C	0.97
38 °C	0.92
40 °C	0.88
43 °C	0.86

(4) Pressure coefficient	
Inlet pressure	Coefficient
0.2MPa	0.53
0.3MPa	0.67
0.4MPa	0.79
0.5MPa	0.89
0.6MPa	0.95
0.7MPa	1.00
0.8MPa	1.07
0.9MPa	1.11
1.0MPa	1.15

(5) Applicable model		
Frequency	Standard treated flow rate m <sup>3</sup> /min(ANR)	Model
50Hz	9.6	GT7055
	13	GT7075
	16	GT7095
	20	GT7120
	25	GT7150
	32	GT7200
	39	GT7250
	48	GT7300
	67	GT7400
	78	GT7480
60Hz	10.6	GT7055
	14.3	GT7075
	18.8	GT7095
	23.5	GT7120
	30	GT7150
	37.6	GT7200
	46	GT7250
	56.5	GT7300
	79	GT7400
	92	GT7480

• To check max. treating air flow rate of the selected dryer

$$(5) \text{ How much flow rate of applicable models is? } \boxed{\text{m}^3/\text{min(ANR)}} \times \boxed{(A)} = \boxed{\text{Max. treated air flow rate}} \quad \boxed{\text{m}^3/\text{min(ANR)}}$$

Refrigerating type dryer  
 Desiccant type dryer  
 High polymer membrane dryer  
 Air filter  
 Automatic drain other  
 F.R.L (Module)  
 F.R.L (Separate)  
 Small F.R.  
 Precise R.  
 Electro pneumatic R.  
 Auxiliary  
 Flow control valve  
 Silencer  
 Check valve / others  
 Joint / tube  
 Vacuum F.  
 Vacuum R.  
 Vacuum generator  
 Vacuum auxiliary / pad  
 Mechanical pressure SW  
 Electronic pressure SW  
 Electronic dif. pres. SW  
 Sealing / close contact conf. SW  
 Pressure SW for coolant  
 Flow sensor for air  
 Total air system  
 Water cooling refrigerator  
 Flow sensor for water  
**Main line unit**  
 Refrigerating type dryer GT

## How to order

GT7 055 - G - AC400V

**A** Capacity code

**B** Option

Note 1

Note 2

Note 3

**C** Voltage

Note 4

Symbol	Descriptions
<b>A Capacity code</b>	
055	55kW
075	75kW
095	95kW
120	120kW
150	150kW
200	200kW
250	250kW
300	300kW
400	400kW
480	480kW
<b>B Option</b>	
Blank	Standard products
F	Optional color
G	Optional voltage
H	English documentations
H2	SUS name plate
K2	With inlet air pressure gauge
M2	With overflow sensor
N1	Copper tube rust proof coating
0	Outdoors specifications (protection grade IP X 3)
Y2	Product photo
<b>C Voltage</b>	
AC200V	
AC220V	
AC230V	
AC240V	
AC380V	
AC400V	
AC415V	
AC440V	
AC460V	
AC480V	

### Note on model No. selection

Note 1: Refer to "Pneumatic/vacuum/auxiliary components (No.CB-24S)" for descriptions of options.

Note 2: When multiple options are selected, indicate them in alphabetic order.  
(E.g.) When an optional color and an inlet air pressure gauge are provided to the standard product GT7120-AC200V.  
GT7120-FK2-AC200V

Note 3: **B** Option "M2" overflow sensors is provided to GT7300 to GT7480 types as standard.

Note 4: (1) Indicate voltage for standard products. (E.g.) GT7120-AC200V  
(2) Order model no. for voltage AC220V is the following.  
(E.g.) For 50Hz and AC220V, option G product: GT7120-G-AC220V  
For 60Hz and AC220V, standard product: GT7120-AC200V

[Example of model number]

### GT7055-G-AC400V

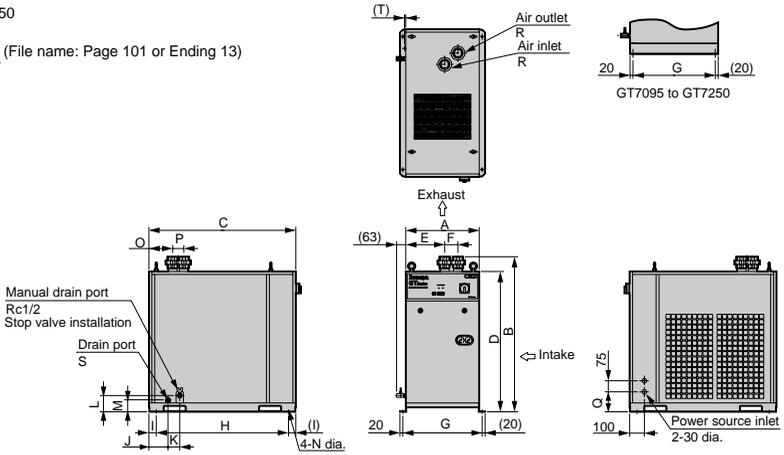
Model: Direct connection to refrigerating type dryer air compressor (standard inlet air type) air cooling type

**A** Capacity code : 55kW  
**B** Option : Optional voltage  
**C** Voltage : AC400V

#### Dimensions

• GT7055 to GT7250

(File name: Page 101 or Ending 13)

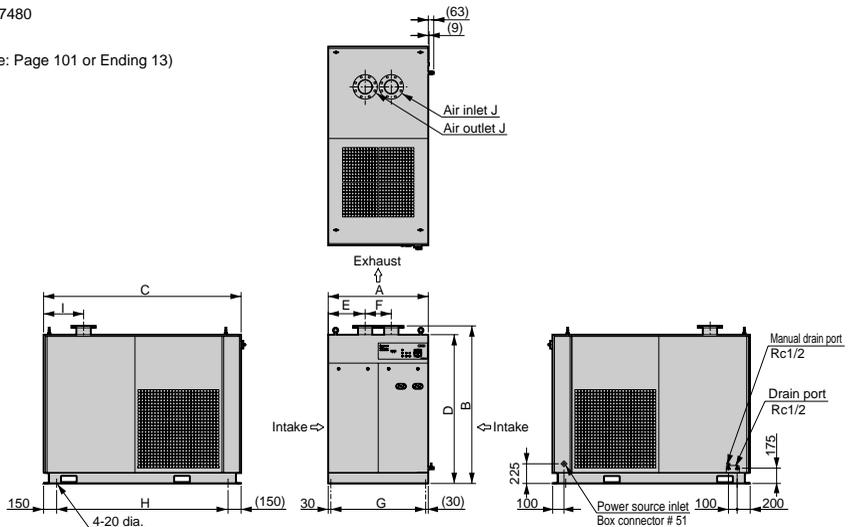


Symbol Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
GT7055	500	1050	1000	950	265	90	540	900	50	130	80	110	81	13 dia.	162	76	135	Union Rc2	Rc1/4	-5 *
GT7075	550	1080	1100	980	285	90	590	1000	50	130	80	110	81	13 dia.	182	76	135	Union Rc2	Rc1/4	-5 *
GT7120	600	1175	1250	1100	290	160	560	1100	75	150	100	125	125	15 dia.	215	90	150	Flange 21/2B	Rc1/2	9
GT7150	700	1375	1450	1300	350	140	660	1250	100	150	100	125	125	15 dia.	230	140	150	Flange 3B	Rc1/2	9
GT7200	800	1375	1550	1300	430	140	760	1350	100	150	100	125	125	15 dia.	230	140	150	Flange 3B	Rc1/2	9
GT7250	850	1600	1700	1500	392	156	810	1500	100	150	100	125	125	15 dia.	242	156	150	Flange 4B	Rc1/2	9

\* shows the position approx. 5mm inside from the panel edge.

• GT7300 to GT7480

(File name: Page 101 or Ending 13)

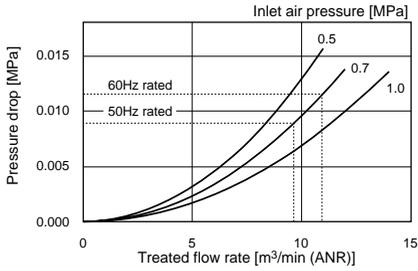


Symbol Model	A	B	C	D	E	F	G	H	I	J
GT7300	980	1750	1750	1650	300	230	920	1450	350	Flange 4B
GT7400	1150	1800	2250	1700	425	300	1090	1950	460	Flange 6B
GT7480	1150	1800	2250	1700	425	300	1090	1950	460	Flange 6B

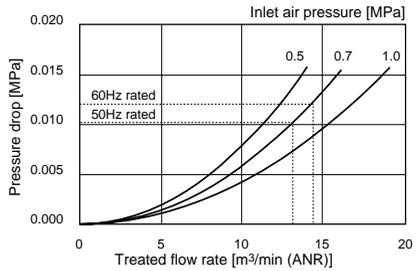
- Refrigerating type dryer
- Desiccant type dryer
- High polymer membrane dryer
- Air filter
- Automatic drain other
- F.R.L (Module)
- F.R.L (Separate)
- Small F.R.
- Precise R.
- Electro pneumatic R.
- Auxiliary
- Flow control valve
- Silencer
- Check valve / others
- Joint / tube
- Vacuum F.
- Vacuum R.
- Vacuum generator
- Vacuum auxiliary / pad
- Mechanical pressure SW
- Electronic pressure SW
- Electronic dif. pres. SW
- Seating / close contact conf. SW
- Pressure SW for coolant
- Flow sensor for air
- Total air system
- Water cooling refrigerator
- Flow sensor for water
- Main line unit
- Refrigerating type dryer GT

Flow characteristics

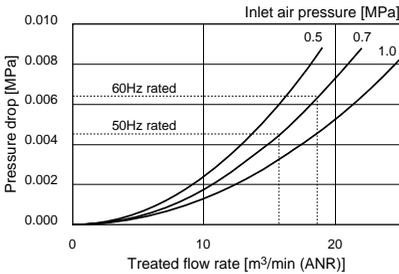
• GT7055



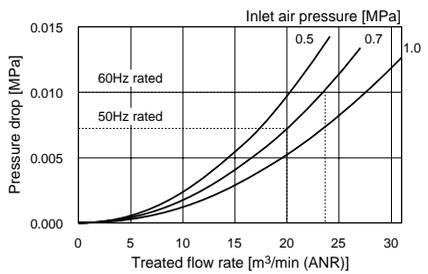
• GT7075



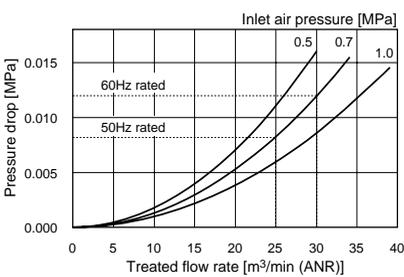
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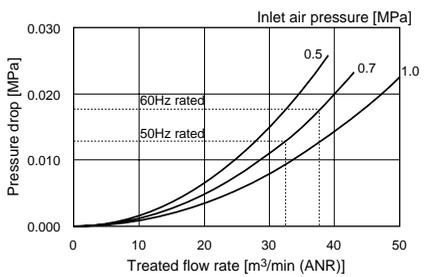
• GT7120



• GT7150

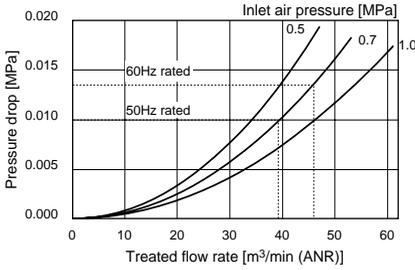


• GT7200

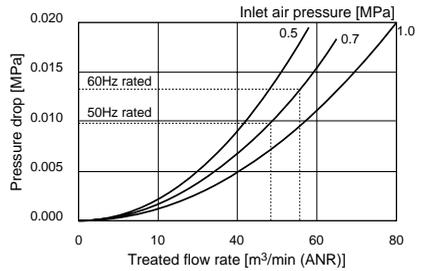


### Flow characteristics

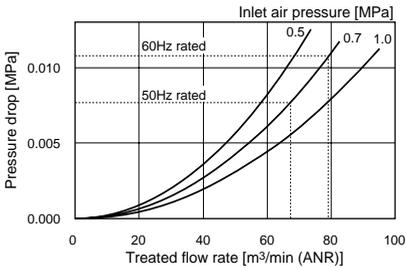
• GT7250



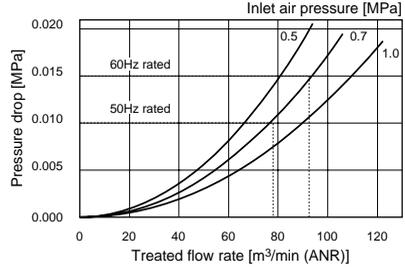
• GT7300



• GT7400



• GT7480



Refrigerating type dryer
Desiccant type dryer
High polymer membrane dryer
Air filter
Automatic drain other
F.R.L (Module)
F.R.L (Separate)
Small F.R.
Precise R.
Electro pneumatic R.
Auxiliary
Flow control valve
Silencer
Check valve / others
Joint / tube
Vacuum F.
Vacuum R.
Vacuum generator
Vacuum auxiliary / pad
Mechanical pressure SW
Electronic pressure SW
Electronic dif. pres. SW
Seating / close contact conf. SW
Pressure SW for coolant
Flow sensor for air
Total air system
Water cooling refrigerator
Flow sensor for water

Main line unit  
Refrigerating type dryer GT

**Discontinue**  
Refrigerating type dryer water cooling type

# GT7000W Series

Direct connection to compressor, standard inlet air type

Applicable air compressor: 55, 75, 95, 120, 150, 200, 250, 300, 400, 480, 710 and 960  
JIS symbol



CAD DATA AVAILABLE.

## Specifications

Descriptions		GT7055W	GT7075W	GT7095W	GT7120W	GT7150W	GT7200W	GT7250W	GT7300W	GT7400W	GT7480W	GT7710W	GT7960W		
Applicable air compressor		kW	55	75	95	120	150	200	250	300	400	480	710	960	
Use range	Working fluid	Compressed air													
	Inlet air temperature	°C													
	Inlet air pressure	MPa													
	Cooling water inlet pressure	MPa													
Rated	Ambient temperature	°C													
	Treating flow rate (50/60Hz)	m <sup>3</sup> /min(ANR)													
	Inlet air temperature	°C													
	Inlet air pressure	MPa													
	Cooling water inlet temperature	°C													
	Cooling water volume	ℓ/min													
Functionality	Ambient temperature	°C													
	Outlet air pressure dew point	°C													
	Pressure drop (air)	MPa													
Electrical specifications	Pressure drop (cooling water)	MPa													
	Power supply	Three phase AC200V50/60Hz and AC220V60Hz													
	Power consumption	kW													
	Operating current	A													
	Starting current	A													
Refrigerant		R407C													
Air inlet/outlet port size		Union Rc2			Flange 21/2B		Flange 3B		Flange 4B		Flange 6B		Flange 8B		
Product mass		kg		120	150	200	200	320	360	480	710	960	980	1900	2000

Note 1. Standard paint color outer panel: Quality cool white (Munsell No. 5GY7.5/0.5)

Quality cool gray (Munsell No. 3G6.0/0.5)

Base: Black (Munsell No. N1.0)

Note 2. ANR shows conditions where 20°C atmospheric pressure and relative humidity 65%.

Note 3. Flange is 10K flange.

**Selection guide** If other than rated conditions, select a model according to the following selection method.

- Selection guide to dryer: To select an applicable model of dryer according to air consumption.

	Input working conditions.	Input selecting conditions.	Input coefficient.
(1) How much pressure dew point is?	°C	°C	(1)
Select a pressure dew point less than working conditions as selecting conditions, and indicate the coefficient.			X
(2) How much inlet air temperature is? (Compressor discharge temperature)	°C	°C	(2)
Select a value exceeding upper limit of working conditions as inlet air temperature, and indicate the coefficient.			X
(3) How much inlet pressure is? (Compressor discharge pressure)	MPa	MPa	(3)
Select a pressure less than lower limit of working pressure, and indicate the inlet pressure coefficient.			
How much max. air consumption is?	m <sup>3</sup> /min(ANR)	/	(A)

$$= \boxed{\text{m}^3/\text{min(ANR)}} \leq \boxed{\text{Standard treating flow rate}} \quad \boxed{\text{m}^3/\text{min(ANR)}}$$

Rated air capacity is the rated treating flow rate listed in the catalog specifications.  
Select frequency 50Hz/60Hz, and select a model having flow rate larger than standard treating flow rate.

(4) Applicable model	
----------------------	--

(1) Pressure dew point coefficient	
Pressure dew point	Coefficient
15 °C	1.10
10 °C	1.00
7 °C	0.80
5 °C	0.70
3 °C	0.60

(2) Inlet air temperature coefficient	
Inlet air temperature	Coefficient
38 °C	1.09
40 °C	1.00
45 °C	0.83
50 °C	0.68
55 °C	0.57
60 °C	0.48

(3) Pressure coefficient	
Inlet pressure	Coefficient
0.2MPa	0.53
0.3MPa	0.67
0.4MPa	0.79
0.5MPa	0.89
0.6MPa	0.95
0.7MPa	1.00
0.8MPa	1.07
0.9MPa	1.11
1.0MPa	1.15

(4) Applicable models			
Frequency	Standard treated flow rate m <sup>3</sup> /min(ANR)	Model	
50Hz	10	GT7055W	
	13.4	GT7075W	
	17	GT7095W	
	21	GT7120W	
	26	GT7150W	
	34	GT7200W	
	41	GT7250W	
	50	GT7300W	
	70	GT7400W	
	82	GT7480W	
	123	GT7710W	
	164	GT7960W	
	60Hz	11	GT7055W
		14.7	GT7075W
19.8		GT7095W	
24.7		GT7120W	
31		GT7150W	
39.5		GT7200W	
48.5		GT7250W	
59.5		GT7300W	
82.5		GT7400W	
96.5		GT7480W	
145	GT7710W		
193	GT7960W		

- To check max. treating air flow rate of selected dryer

$$(4) \text{ How much flow rate of applicable model is? } \boxed{\text{m}^3/\text{min(ANR)}} \times \boxed{(A)} = \boxed{\text{Max. treated air flow rate}} \quad \boxed{\text{m}^3/\text{min(ANR)}}$$

Refrigerating type dryer  
 Desiccant type dryer  
 High polymer membrane dryer  
 Air filter  
 Automatic drain other  
 F.R.L (Module)  
 F.R.L (Separate)  
 Small F.R.  
 Precise R.  
 Electro pneumatic R.  
 Auxiliary  
 Flow control valve  
 Silencer  
 Check valve / others  
 Joint / tube  
 Vacuum F.  
 Vacuum R.  
 Vacuum generator  
 Vacuum auxiliary / pad  
 Mechanical pressure SW  
 Electronic pressure SW  
 Electronic dif. pres. SW  
 Sealing / dose contact conf. SW  
 Pressure SW for coolant  
 Flow sensor for air  
 Total air system  
 Water cooling refrigerator  
 Flow sensor for water  
**Main line unit**  
 Refrigerating type dryer GT

## How to order

GT7 **055** **W** - **G** - **AC400V**

Water cooling type

**A** Capacity code

**B** Option  
Note 1  
Note 2  
Note 3

**C** Voltage  
Note 4

Symbol	Descriptions
<b>A Capacity code</b>	
055	55kW
075	75kW
095	95kW
120	120kW
150	150kW
200	200kW
250	250kW
300	300kW
400	400kW
480	480kW
710	710kW
960	960kW

<b>B Option</b>	
Blank	Standard products
F	Optional color
G	Optional voltage
H	English documentation
H2	SUS name plate
K2	With inlet air pressure gauge
M2	With overflow sensor
N1	Copper tube rust proof coating
0	Outdoors specifications (protection grade IP X 3)
Y2	Product photo

<b>C Voltage</b>	
AC200V	
AC220V	
AC230V	
AC240V	
AC380V	
AC400V	
AC415V	
AC440V	
AC460V	
AC480V	

### Note on model No. selection

- Note 1: Refer to Page 74 for descriptions of options.  
 Note 2: When multiple options are selected, write them in alphabetic order.  
 (E.g.) When optional color and inlet air pressure gauge are installed to standard product GT7120-AC200V.  
 GT7120-FK2-AC200V
- Note 3: **B** Option "M2" overflow sensor is provided for GT7300 to GT7480 types as standard.
- Note 4: (1) Indicate the voltage even for standard product (E.g.) GT7120-AC200V  
 (2) Ordering model no. is following for voltage AC220V.  
 (E.g.) If 50Hz and AC220 V, option G product : GT7120-G-AC220V  
 If 60Hz and AC220 V, standard product : GT7120-AC200V
- Note 5: Please consult with CKD for outdoors specifications of GT7710W, GT7960W.

### [Example of model number]

#### **GT7055W-G-AC400V**

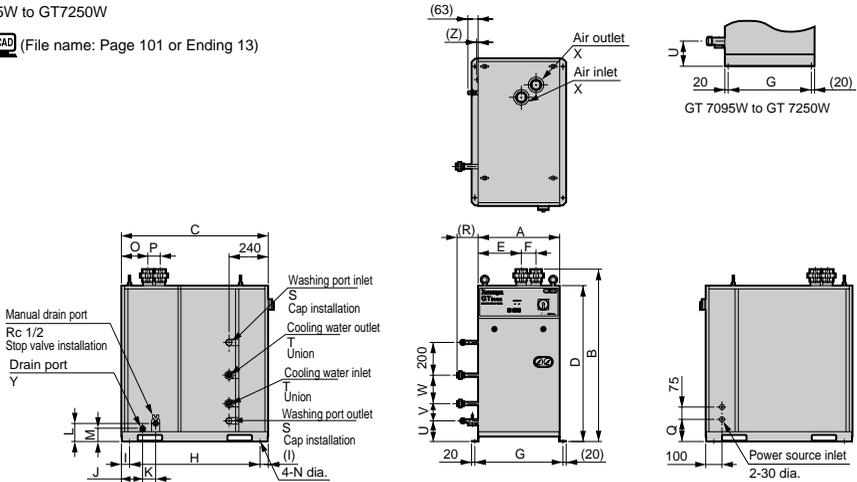
Model: Direct connection to refrigerating type dryer air compressor (standard inlet air type) water cooling type

- A** Capacity code: 55kW
- B** Option: Optional voltage
- C** Voltage: AC400V

#### Dimensions

• GT7055W to GT7250W

(File name: Page 101 or Ending 13)

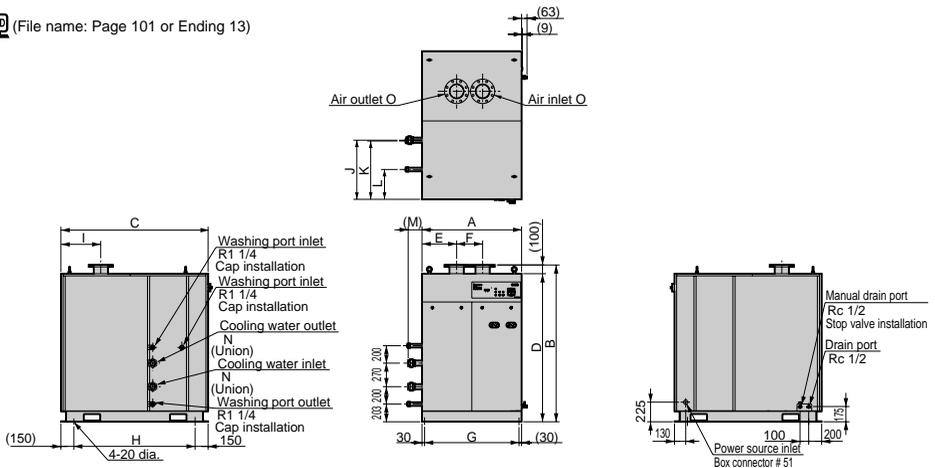


Symbol Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
GT7055W	500	1050	900	950	265	90	540	800	50	130	80	110	81	13 dia.	162	76	135	100	R1/2	Rc1/2	126	105	173	Union Rc2	Rc1/4	-5 *
GT7075W	500	1080	1000	980	235	90	540	900	50	130	80	110	81	13 dia.	182	76	135	100	R3/4	Rc3/4	126	105	173	Union Rc2	Rc1/4	-5 *
GT7095W	550	1175	1100	1100	240	160	510	950	75	150	100	125	125	15 dia.	215	90	150	100	R1 1/4	Rc1 1/4	153	200	270	Flange 2 1/2B	Rc1/2	9
GT7120W	550	1175	1100	1100	240	160	510	950	75	150	100	125	125	15 dia.	215	90	150	100	R1 1/4	Rc1 1/4	153	200	270	Flange 2 1/2B	Rc1/2	9
GT7150W	650	1375	1200	1300	300	140	610	1000	100	150	100	125	125	15 dia.	230	140	150	100	R1 1/4	Rc1 1/4	153	200	270	Flange 3B	Rc1/2	9
GT7200W	700	1375	1200	1300	330	140	660	1000	100	150	100	125	125	15 dia.	230	140	150	100	R1 1/4	Rc1 1/4	153	200	270	Flange 3B	Rc1/2	9
GT7250W	750	1600	1300	1500	292	156	710	1100	100	200	100	125	125	15 dia.	242	156	150	100	R1 1/4	Rc1 1/4	153	200	270	Flange 4B	Rc1/2	9

\* shows the position approx. 5mm inside from panels edges.

• GT7300W to GT7480W

(File name: Page 101 or Ending 13)



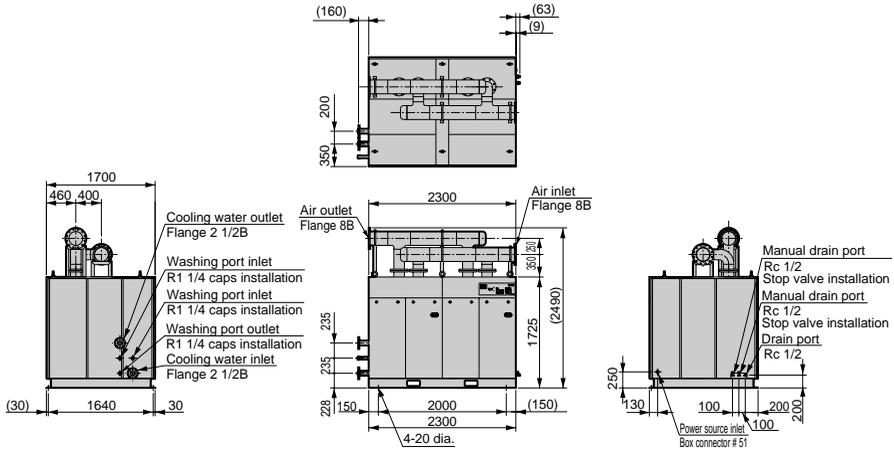
Symbol Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
GT7300W	800	1750	1550	1650	260	230	740	1250	350	750	750	422	100	Rc1 1/4	Flange 4B
GT7400W	1150	1800	1700	1700	400	300	1090	1400	460	679	670	343	180	Rc2	Flange 6B
GT7480W	1150	1800	1700	1700	400	300	1090	1400	460	679	670	343	180	Rc2	Flange 6B

Refrigerating type dryer  
 Desiccant type dryer  
 High polymer membrane dryer  
 Air filter  
 Automatic drain other  
 F.R.L (Module)  
 F.R.L (Separate)  
 Small F.R.  
 Precise R.  
 Electro pneumatic R.  
 Auxiliary  
 Flow control valve  
 Silencer  
 Check valve / others  
 Joint / tube  
 Vacuum F.  
 Vacuum R.  
 Vacuum generator  
 Vacuum auxiliary / pad  
 Mechanical pressure SW  
 Electronic pressure SW  
 Electronic dif. pres. SW  
 Sealing / dose contact conf. SW  
 Pressure SW for coolant  
 Flow sensor for air  
 Total air system  
 Water cooling refrigerator  
 Flow sensor for water  
 Main line unit  
 Refrigerating type dryer GT

**Dimensions**

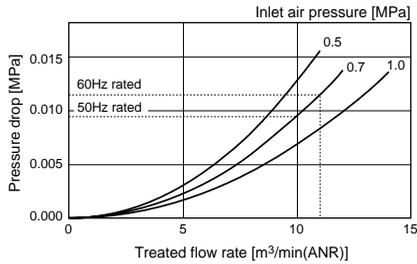
• GT7710W to GT7960W

 (File name: Page 101 or Ending 13)

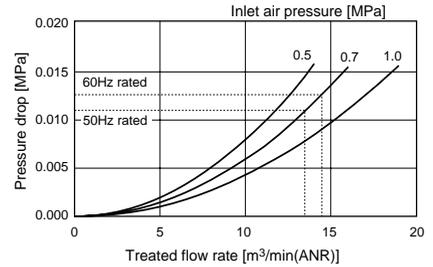


#### Flow characteristics

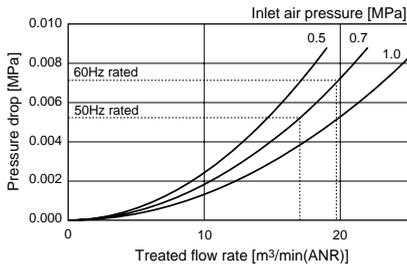
• GT7055W



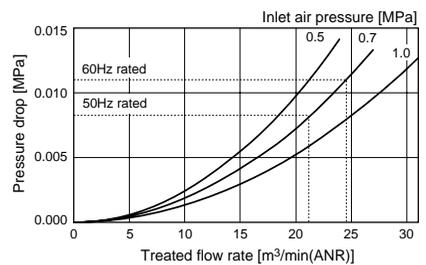
• GT7075W



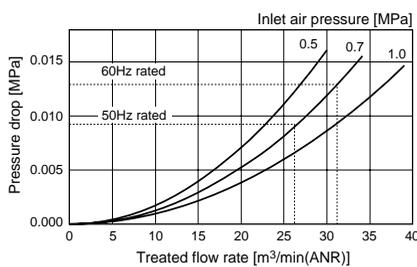
• GT7095W



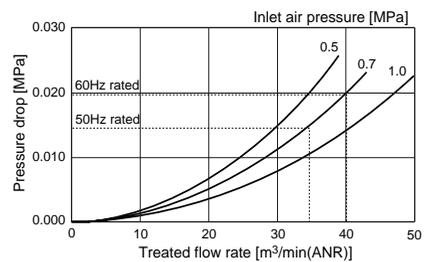
• GT7120W



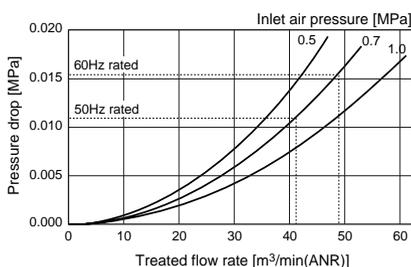
• GT7150W



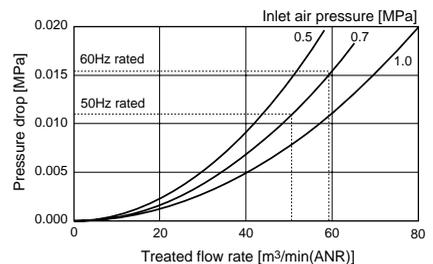
• GT7200W



• GT7250W



• GT7300W

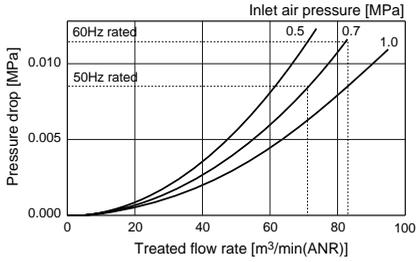


- Refrigerating type dryer
- Desiccant type dryer
- High polymer membrane dryer
- Air filter
- Automatic drain other
- F.R.L (Module)
- F.R.L (Separate)
- Small F.R.
- Precise R.
- Electro pneumatic R.
- Auxiliary
- Flow control valve
- Silencer
- Check valve / others
- Joint / tube
- Vacuum F.
- Vacuum R.
- Vacuum generator
- Vacuum auxiliary / pad
- Mechanical pressure SW
- Electronic pressure SW
- Electronic dif. pres. SW
- Sealing / close contact conf. SW
- Pressure SW for coolant
- Flow sensor for air
- Total air system
- Water cooling refrigerator
- Flow sensor for water

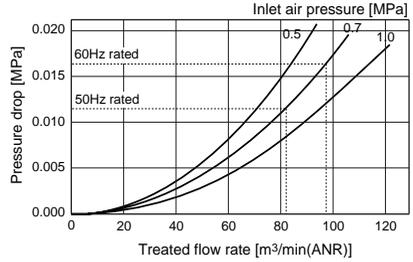
Main line unit  
Refrigerating type dryer GT

Flow characteristics

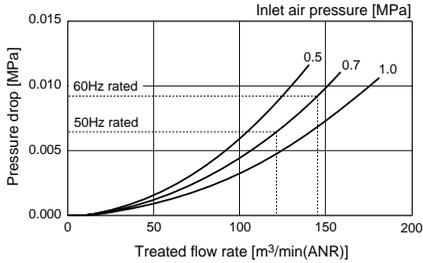
• GT7400W



• GT7480W



• GT7710W



• GT7960W

