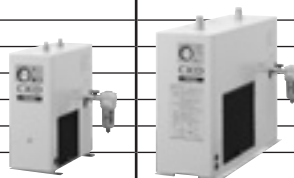


Series variation

Refrigeration air dryer

F.R.L.
F.R.
F (Filtr)
R (Reg)
L (Lub)
Drain Separ
Mech Press SW
Res press exh valve
SlowStart
Anti-bac/Bac-remove Filt
Film Resist FR
Oil-ProhR
Med Press FR
No Cu/ PTFE FRL
Outdrs FRL
Adapter Joiner
Press Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneuR
AirBoost
Speed Ctrl
Silncr
CheckV/ other
Fit/Tube
Nozzle
Air Unit
PrecsCompn
Electro Press SW
ContactSW
AirSens
PresSW Cool
Air Flo Sens/Ctrl
WaterRtSens
TotAirSys (Total Air)
TotAirSys (Gamma)
Gas generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg etc
Ending

		General purpose		
Series		GX3200D	GX5200D	
Applications of installation		Terminal installation in plant, device integrated		
Application	Features Main specifications	General		Air cooling compressor For direct connection
	Applications	- Ambient temperature: max. 45°C - Inlet air temperature 35°C (40°C for GX3255D)		
Air compressor kW		- Ambient temperature Max45°C (48°C for GX5255D and GX5275D) - Inlet air temperature 55°C		
0.75		●	●	
1.5		●	●	
2.2		●	●	
3.7		●	●	
5.5		●	●	
7.5		●	●	
11		●	●	
15		●	●	
22		●	●	
37		●	●	
55		●	●	
75			●	
90				
120				
150				
190				
240				
300				
380				
450				
710				
960				
Digital dew point monitor		x	x	
Medium pressure		x	x	
CE		x	x	
New refrigerant (R-134a, R-410A, R-407C)		● Standard compliance	● Standard compliance	
Stainless steel heat exchanger		● Standard equipment	● Standard equipment	
Drain forcible discharge method		x	x	
Different voltage compatible (transformer integrated)		Contact CKD Option for GX5255D and 5275D		
Paint color specification		x	x	
Copper tube rust proof coating		● Option	● Option	
Bypass piping set		● Accessory	● Accessory	
Remote control		● Option (standard for GX3215D, 3222D, 3237D, and 3255D)	● Option (standard for GX5211D, 5215D, 5222D, 5237D, 5255D, and 5275D)	
External signal		● Option	● Option (standard for GX5255D and GX5275D)	
Outdoors		x	x (GX5255D, GX5275DOContact CKD for details.)	
Instantaneous power failure		● Standard compliance (GX3215D and higher)	● Standard compliance (GX5211D and higher)	
Dust filter for condenser		● Standard equipment	● Standard equipment	
Anchor bolt		● Accessory	● Accessory	
Companion flange		-	-	
Stainless steel nameplate		● Option	● Option	
English language specifications		● Standard equipment	● Standard equipment	
Product photo		Contact CKD for details.		
Page		1738	1742	



Refrigeration air dryer

Series variation

This list is for selection guide. Refer to the appropriate page for selection, and select a model after checking installation conditions.

	GT9000(D)	GT9000W(D)	GT9000WV2
	Compressor direct connection		
	Air cooling air compressor directly connected	Water cooling air compressor directly connected	Water cooling air compressor directly connected
	• Ambient temperature: max. 40°C (48°C for GT9075D, 9090D, 9120D, 9100D, and 9190D) • Inlet air temperature 40°C	• Inlet air temperature 40°C	• Inlet air temperature 40°C
			
	●	●	
	●	●	
	●	●	
	●	●	
	●	●	
	●	●	
	●	●	
	●	●	
			●
	●	●	●
	Standard (GT9300 and higher)	Standard (GT9300W and higher)	Standard equipment
	x	x	x
	x	x	x
	●	●	●
	Standard compliance	Standard compliance	Standard compliance
	●	●	●
	Standard equipment	Standard equipment	Standard equipment
	x	x	●
	●	●	Standard equipment
	Option	Option	●
	Contact CKD for details.		
	●	●	●
	Option	Option	Option
	x	x	x
	●	●	●
	Standard equipment	Standard equipment	Standard equipment
	●	●	●
	Standard equipment	Standard equipment	Standard equipment
	Contact CKD for details.		
	●	●	●
	Standard compliance (excluding GT9240)	Standard compliance (excluding GT9240W)	Standard compliance
	●	-	-
	Standard equipment		
	●	●	●
	Accessory	Accessory	Accessory
	●	●	●
	Accessory (GT9120D and higher)	Accessory (GT9120WD and higher)	Accessory
	●	●	●
	Option	Option	Option
	●	●	●
	Standard equipment	Standard equipment	Standard equipment
	Contact CKD for details.		
	1760	1768	1776

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Adapter Joiner
Press Gauge
CompFRL
LgFRL
PrecsR
VacF/R
Clean FR
ElecPneuR
AirBoost
Speed Ctrl
Silncr
CheckV/ other
Fit/Tube
Nozzle
Air Unit
PrecsCompn
Electro Press SW
ContactSW
AirSens
PresSW Cool
Air Flo Sens/Ctrl
WaterRtSens
TotAirSys (Total Air)
TotAirSys (Gamma)
Gas generator
RefrDry
DesicDry
HiPolymDry
MainFiltr
Dischrg etc
Ending

Refrigeration air dryer

Periodic inspection content

Conduct the following inspections periodically for a long, reliable service life.

Inspection content	Inspection term				Inspection point	Inspection method	Judgment reference
	Daily	Every week	Every month	Per 6 months			
Operation confirmation	○				Operation lamp	Visual inspection	· This should light at operation
	○				Operation sound of refrigerating compressor	Listening to the sound	· No abnormal noise
	○				Fan rotation	Visual inspection Listening to the sound	· No abnormal noise and smooth rotation · ON and OFF operation or turned ON
Dew point (cooling) temperature	○				Refrigerant pressure gauge	Visual inspection	· It should be in the green zone
Inlet air pressure		○			Air pressure gauge	Visual inspection	· It should be within product specifications (should be specification pressure)
Drain discharge	○	(Cleaning)			Drain trap	Visual inspection	· Drainage should be discharged · Air should not be left blowing
Ambient temperature	○				Near condenser inlet	Measuring with thermometer	· It should be within specifications
Condenser clogging			○	(Cleaning)	Air cooling Condenser fin section	Visual inspection	· Foreign matter or dust should not be accumulated. · Condenser inlet section should not be plugged. · Condenser inlet section should not be exposed to hot air.
					Water cooling Refrigerant high pressure gauge		· It should be 1.95 MPa or lower. (Cleaning is required for 2.15 MPa and over)
Power supply voltage			○		Supply power	Measuring with a tester	· Rated voltage of specifications within ±10%
Operating current			○		Supply power	Measuring with a tester	· Rated voltage of specifications within ±20%

Refrigeration air dryer

Guide to recommended replacements for refrigeration air dryer

As of May 2015

Production and sales of the "Old products" listed below have been discontinued.
Select alternative models from "Current products".

Note: The comparison table given below shall be used only as a guide. When making an actual selection, the current working air pressure, inlet air temperature, ambient temperature, required dew point, etc., must be taken into consideration to ensure sufficient performance.

(1) Air cooling (standard inlet air temperature)

Old product Group A	Old product Group B	Old product Group C	Old product Group D	Old product Group E	Current product
	RD(A)1003(A) RDA-3(E)	GK3103	GK3103D	GX3203D	GX3203D
	RD(M)1004(A) RD(M)1006(A) RDA-6(E)	GK3106	GK3106D	GX3206D	GX3206D
4304-25PD	RDA-12(E) RD(M)1008(A)	GX3108	GK3108D	GX3208D	GX3208D
4304-35PD	RDA-12(E) RD(M)1011(A)	GX3111	GK3111D	GX3211D	GX3211D
	RD-15D(E) RD(M)1015(A) GX3015	GX3115	GX3215	GX3215D	GX3215D
4308-50PD 4308-75PD	RD-22D GX3022	GX3122	GX3222	GX3222D	GX3222D
4308-100PD 4308-125PD 4310-150PD	RD-37D GX3037	GX3137	GX3237	GX3237D	GX3237D
4316-250PD	RD-55D	GT7055	GX3255	GX3255D	GX3255D
4316-375PD	RD-75D	GT7075		GT9075	GT9075D
		GT7095		GT9090	GT9090D
4332-575PD	RD-120D	GT7120		GT9120	GT9120D
4332-700PD	RD-150D	GT7150(D)		GT9150	GT9150D
4332-1000PD	RD-190D	GT7200(D)		GT9190	GT9190D
4332-1200PD	RD-240D	GT7250(D)		GT9240	GT9240D
4332-1500PD	RD-300D(E,F)	GT7300(D)		GT9300	GT9300D
4332-1750PD	RD-360D(E,F)	GT7400(D)		GT9380	GT9380D
	RD-450D(E,F)	GT7480(D)		GT9450	GT9450D

(2) Air cooling (high temperature inlet air temperature)

Old product Group A	Old product Group B	Old product Group D	Old product Group E	Current product
RD(M)2001(A) RD(M)2002(A) RD(M)2003(A) GX5003	GX5103	GK5103	GX5203D	GX5203D
RD-3.7(E)-AC RD(M)2004(A) GX5004	GX5104	GK5104	GX5204D	GX5204D
RD-5.5(E)-AC RD(M)2006(A) GX5006	GX5106	GK5106	GX5206D	GX5206D
RD-7.5(E)-AC RD(M)2008(A) GX5008	GX5108	GX5208	GX5208D	GX5208D
RD-11(E)-AC RD(M)2011(A) GX5011	GX5111	GX5211	GX5211D	GX5211D
RD-15(E)-AC RD(M)2015(A) GX5015	GX5115	GX5215	GX5215D	GX5215D
RD-22D-AC GX5022	GX5122	GX5222	GX5222D	GX5222D
RD-37D-AC GX5037	GX5137	GX5237	GX5237D	GX5237D
RD-55D-AC	GT5055	GX5255	GX5255	GX5255D
RD-75D-AC	GT5075D	GX5275	GX5275	GX5275D

(3) Water cooling

Old product Group A	Old product Group B	Old product Group C	Old product Group D	Current product
4310-150PDW	RDW-37D	GT7055W	GT9075W	GT9075WD
4316-250PDW	RDW-55D	GT7055W	GT9075W	GT9075WD
4324-375PDW	RDW-75D	GT7075W	GT9075W	GT9075WD
		GT7095W	GT9090W	GT9090WD
4332-575PDW	RDW-120D	GT7120W(D)	GT9120W	GT9120WD
4332-700PDW	RDW-150D	GT7150W(D)	GT9150W	GT9150WD
4332-1000PDW	RDW-190D	GT7200W(D)	GT9190W	GT9190WD
4332-1200PDW	RDW-240D	GT7250W(D)	GT9240W	GT9240W
4332-1500PDW	RDW-300D(F)	GT7300W(D)	GT9300W	GT9300W
4332-1750PDW	RDW-360D(F)	GT7400W(D)	GT9380W	GT9380W
	RDW-450D(F)	GT7480W(D)	GT9450W	GT9450W
	RDW-680D(F)	GT7710W(D)	GT9710WV	GT9710WV2
	RDW-900D(F)	GT7960W(D)	GT9960WV	GT9960WV2

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Med
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PTFE FRL
Outdrrs FRL
Adapter
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