



# Discontinue

Refrigerating type dryer

## RD7000 Series

Drain piping not required

Applicable air compressor: 0.75kW to 3.7kW

JIS symbol

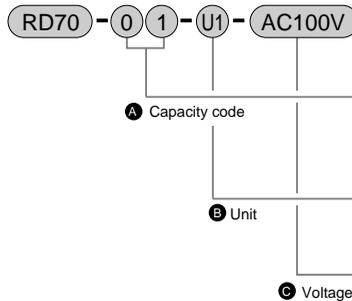


### Specifications

Descriptions		RD7001	RD7003	RD7004	
Applicable air compressor		kW	to 0.75	2.2	3.7
Rated	Treating air flow rate	m <sup>3</sup> /min(ANR)	to 0.1/0.11	0.31/0.35	0.5/0.55
	Inlet air pressure	MPa		0.7	
	Inlet air temperature	°C		35	
	Ambient temperature	°C		32	
	Outlet air pressure dew point	°C		10	
Working range	Working fluid		Compressed air		
	Inlet air temperature	°C		5 to 50	
	Ambient temperature	°C		2 to 40	
	Working pressure	MPa		0.2 to 1.0	
Electrical specifications	Power supply		100/200V single phase, 50/60Hz		
	Power consumption	kW	0.15/0.16	0.16/0.17	0.16/0.17
	Operating current	AC100V	A	1.9/2.0	2.0/2.1
AC200V		A	0.9/0.9	1.0/1.0	1.0/1.0
Operating method			Automatic and manual operations by air pressure detection (0.17MPa: ON and 0.07MPa: OFF)		
Refrigerant			R22		
Air inlet/outlet port size		Rc	3/8		
Mass		kg	15	15	21

Note 1: Standard paint color: A front panel (front view) is quality cool white (Munsell No.5GY7.5/0.5) and the main body panel is quality cool gray (Munsell No.3G6.0/0.5).

### How to order

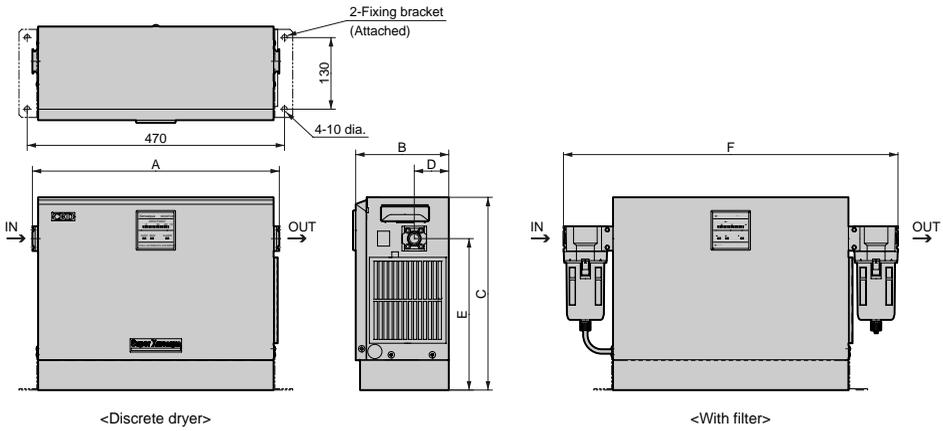


Symbol	Descriptions
<b>A Capacity code</b>	
01	0.75kW
03	2.2kW
04	3.7kW
<b>B Unit</b>	
Blank	Discrete dryer
U1	With filter
<b>C Voltage</b>	
AC100V	
AC200V	

### Configuration

Model no.	IN side filter	Out side filter	Joiner set
RD7001-U1	F3000-10-F1	M3000-10	C4000-J400
RD7003-U1	F4000-10-F	M4000-10	C4000-J400
RD7004-U1	F4000-10-F	SM4100-10	C4000-J400

### Dimensions



Port size of IN and OUT is Rc3/8.

Discrete dryer	A	B	C	D	E	Unit	F	B	C	D	E
RD7001	451	170	350	63	275	RD7001-U1	577	170	350	63	275
RD7003	451	170	350	63	275	RD7003-U1	611	170	350	63	275
RD7004	451	170	490	75	415	RD7004-U1	611	170	490	75	415

\* An air filter is modular-connected to the unit at dryer inlet side, while an oil mist filter at the outlet side.  
Replace elements of both filters every one year. Fixing brackets (2 pieces) are attached.

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  
Small precision control dryer