



WIIP

Royalii (RG) Split Type Chiller

Water cooling Innovation International
Partnership



Royalii (RG) Split Type Chiller

— Environmentally friendly Air-cooled device for industry

Product Introduction

Royalii (RG) chiller is consist of indoor unit and outdoor unit. Compressor, fan and condensers are installed into outdoor unit which can discharge most heat and noise outdoor. While indoor unit is consist of pump, water reservior. Greatly reduce the noise and heat in the room.

Functions and Features

- Industrial-designed outdoor unit, high efficiency, avoid plastic parts, durable and long life;
- Equipped with compressor heating at low-temperature , fan speed regulation function, suitable for wide range of outdoor temperature;
- Stainless steel water tank with large opening in favour of filling and cleaning process;
- Adopted with hgh pressure pump;
- Easy to monitor refrigeration system high and low pressure;
- Comprehensive design with over-heating, over-flow protection, high and low pressure protection and phase sequence / phase loss protection for compressor.



Typical Application

Royalii (RG) chiller is environmental friendly and suitable for advanced laboratory equipment, serve as great partners of industrial equipment. RG chiller fit perfectly with X-ray Diffractometer(XRD), X-ray Fluorescence Spectrometer(XRFS), Large Field Emission Electron Microscope, Plasma Etcher, Vacuum Plating Equipment, Ion Plating Equipment, Vacuum Furnace, Industrial Furnace and other Industrial Equipment with large calorific capacity. Additionally, RG series can also be used as central chillers to simulta neously meet the requirements of multiple instruments.

Products Specifications

Type	Model	Temp. Stability (°C)	Temp. Range (°C)	Cooling Capacity (kW@25°C)	Max Flow (L/min)	Max Pressure (bar)	Reservoir (L)	Overall dimensions of indoor unit	Overall dimension of outdoor unit
								WxDxH(mm)	WxDxH(mm)
High stability room temp. split chiller	RG02s	±0.1	5-35	5.2	60	3.6	60	430x635x955	960x410x833
	RG03s			8.0	60	4.5	90	490x715x985	960x410x833
	RG05s			12	110	3.6	140	540x800x1055	960x410x1230
	RG06s			18	110	3.6	200	620x980x1403	700x800x1180
	RG08s			24	110	3.6	200	620x980x1403	700x800x1180
	RG10s			30	230	3.3	260	700x1100x1453	800x900x1298
	RG12s			35	230	3.3	360	800x1210x1553	800x900x1298
	RG16s			45	230	4.4	360	800x1210x1553	900x1000x1525
On/off room temp. split chiller	RG02r	±1	5-35	5.2	60	3.6	60	430x635x954	850x290x580
	RG03r			8.0	60	4.5	90	490x715x984	865x310x710
	RG05r			12	110	3.6	140	540x800x1054	910x310x1300
	RG06r	±2		18	110	3.6	200	620x980x1403	700x800x1180
	RG08r			24	110	3.6	200	620x980x1403	700x800x1180
	RG10r			30	230	3.3	260	700x1100x1453	800x900x1298
	RG12r			35	230	3.3	360	800x1210x1553	800x900x1298
	RG16r			45	230	4.4	360	800x1210x1553	900x1000x1525
On/off room temp. split chiller	RG20b	±2	5-35	60	480	4.1	500	880x1500x1615	980x1970x1455
	RG24b			70	480	4.1	500	880x1500x1615	980x1970x1455
	RG32b			90	480	4.1	500	880x1500x1615	980x1970x1455
	RG40b			110	480	5.5	800	980x1800x1795	980x2950x1455
	RG48b			140	480	5.5	800	980x1800x1795	980x2950x1455
	RG40b.be			120	660	4.0	1000	1080x1800x1995	1900x2210x2225
	RG48b.be			140	660	4.0	1000	1080x1800x1995	1900x2210x2225
	RG64b.be			180	660	5.4	1000	1080x1800x1995	1900x2210x2225
	RG72b.ve			210	900	4.0	1000	1080x1800x1995	1900x3320x2225
	RG96b.ve			270	900	4.0	1000	1080x1800x1995	1900x3320x2225



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