

Specifications

Model		RCUG50ASYZ	RCUG60ASYZ	RCUG75ASYZ	RCUG100ASYZ	RCUG120ASYZ	RCUG150ASYZ	
Nominal Cooling Capacity *1	kW	144	174	199	288	348	398	
	RT	41.0	49.5	56.6	82.0	99.0	113.2	
Chilled Water Flow Rate	m ³ /h	24.8	29.9	34.2	49.5	59.8	68.4	
Continuous Capacity Control	%	100-15, 0			100-15, (75)*2, 0			
Refrigerant	Type	R407C						
	Flow Control	Electronic Expansion Valve						
	Number of Circuits	1			2			
Compressor	Type	Semi-hermetic Screw Type						
	Quantity	1			2			
	Input Power	kW	39.3	50.2	61.2	78.6	100.4	122.4
Heat Exchanger	Condenser	Cross Finned Tube						
	Condenser Fan	DC Converter Propeller Fan						
	Fan Motor	Input Power	kW	1	1	1	1	1
		Quantity	-	4	4	4	8	8
	Air Discharge	m ³ /min	930	930	930	1,860	1,860	1,860
	Evaporator	-	Shell and Tube Type					
Piping Connections for Water Side Heat Exchanger	-	DN80 Flange*2, (Pairing flanges on service side should be prepared by customers themselves.)			DN125 Flange*2, (Pairing flanges on service side should be prepared by customers themselves.)			
Connection Hole	Main Power (square orifice)	mm	300 x 150					
	Circuit	mm	7 x φ48; 2 x φ78					
Net Weight	kg	1,660	1,740	1,760	3,280	3,340	3,380	
Shipping Weight	kg	1,920	2,000	2,020	3,800	3,860	3,900	

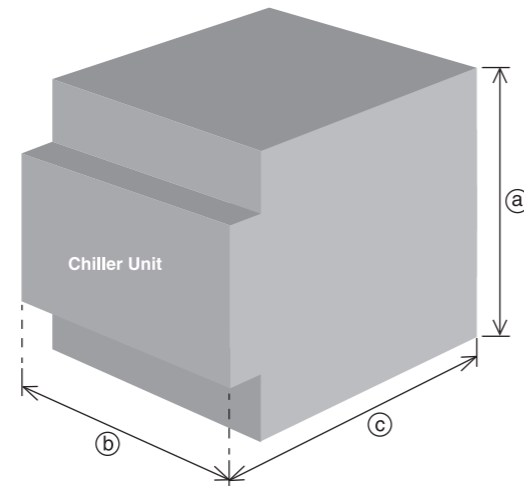
Notes:

- The nominal cooling capacities (*1) are based on GB/T 18430.1-2007
Chilled Water Inlet/Outlet Temperature: 12/7°C
Condenser Air Inlet Temperature: 35°C (DB)
- Applicable Power Supply
Main power source (3 phases) Control power source (1 phase)
380V-415V 50Hz 200V-220V 50Hz
- Capacity control rate with () marked with *2 is available by option switch;
- Above each model is feasible to combine with the same one, and the biggest combination is 1200HP.

Working Range

Item	Range
Chilled Water Outlet Temperature	5-15°C
Condenser Air Inlet Temperature (DB)	-15-43°C

Unit Dimension



Model		RCUG50ASYZ	RCUG60ASYZ	RCUG75ASYZ	RCUG100ASYZ	RCUG120ASYZ	RCUG150ASYZ
Dimension	①	mm	2,312	2,312	2,312	2,352	2,352
	②	mm	1,940	1,940	1,940	1,940	1,940
	③	mm	2,390	2,390	2,390	4,490	4,490
Shipping Dimension	① x ② x ③	mm	2,660 x 2,190 x 2,600			2,700 x 2,190 x 4,700	

Specifications in this catalogue are subject to change without notice in order that HITACHI may bring the latest innovations to their customers.

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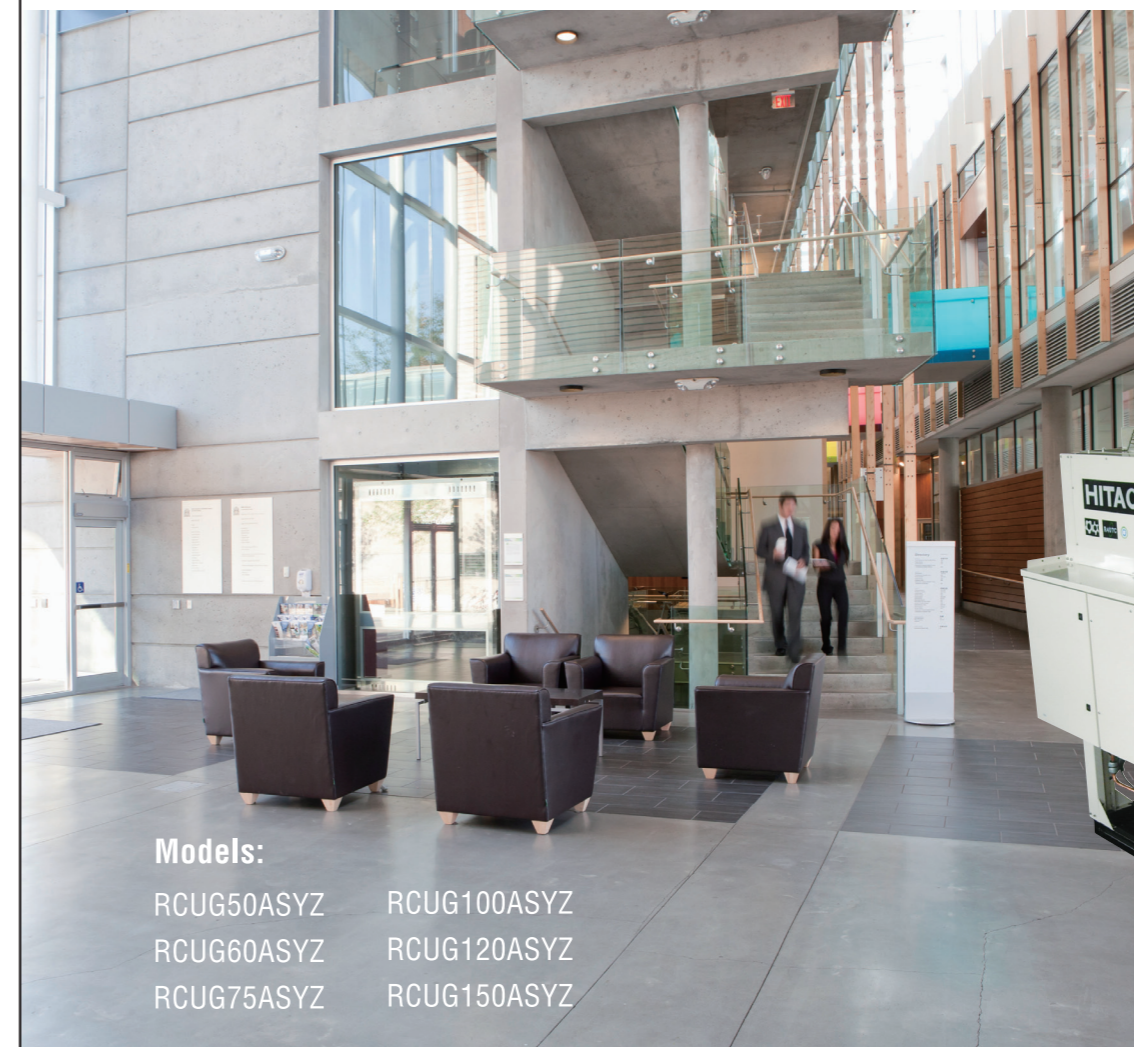
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AIR-COOLED TYPE
ASYZ Series

CHILLER

HITACHI
Inspire the Next



Models:

RCUG50ASYZ RCUG100ASYZ
RCUG60ASYZ RCUG120ASYZ
RCUG75ASYZ RCUG150ASYZ

Nominal Capacity Range:

144 kW to 398 kW
41.0 RT to 113.2 RT

Thanks to Hitachi's technical expertise in the **Twin Screw Compressor**, it is possible to achieve precise water temperature control that is ideal for industrial processes and air conditioning applications.

