

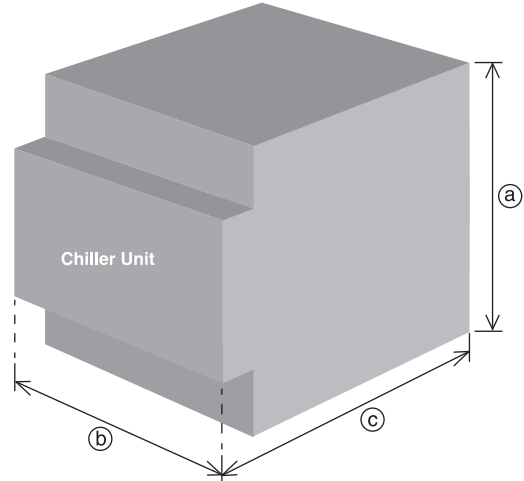
Specifications

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		m³/h	24.8	29.9	34.2	49.5	59.8	68.4
Continuous Capacity Control		%	100~15, 0			100~15, (7.5)*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	m³/min	930	930	930	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:**
- 1. 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)
 - 2. Applicable Power Supply
Main power source (3 phases) Control power source (1 phase)
380V-415V 50Hz 200V-220V 50Hz
 - 3. Capacity control rate with () marked with *2 is available by option switch;
 - 4. 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	(a)	mm	2,312	2,312	2,312	2,352	2,352
	(b)	mm	1,940	1,940	1,940	1,940	1,940
	(c)	mm	2,390	2,390	2,390	4,490	4,490
Shipping Dimension (a) x (b) x (c)		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.



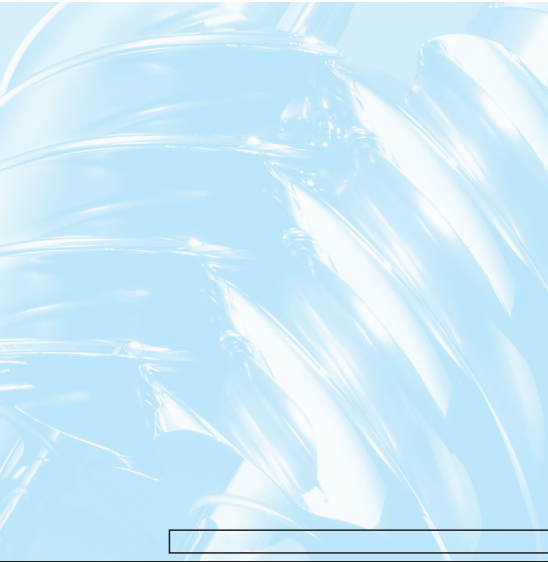
AIR-COOLED TYPE
ASYZ Series

CHILLER

HITACHI
Inspire the Next



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.

