

**HITACHI**

***TWIN SCREW COMPRESSOR TYPE  
HITACHI AIR-COOLED CHILLERS***

**H Series**

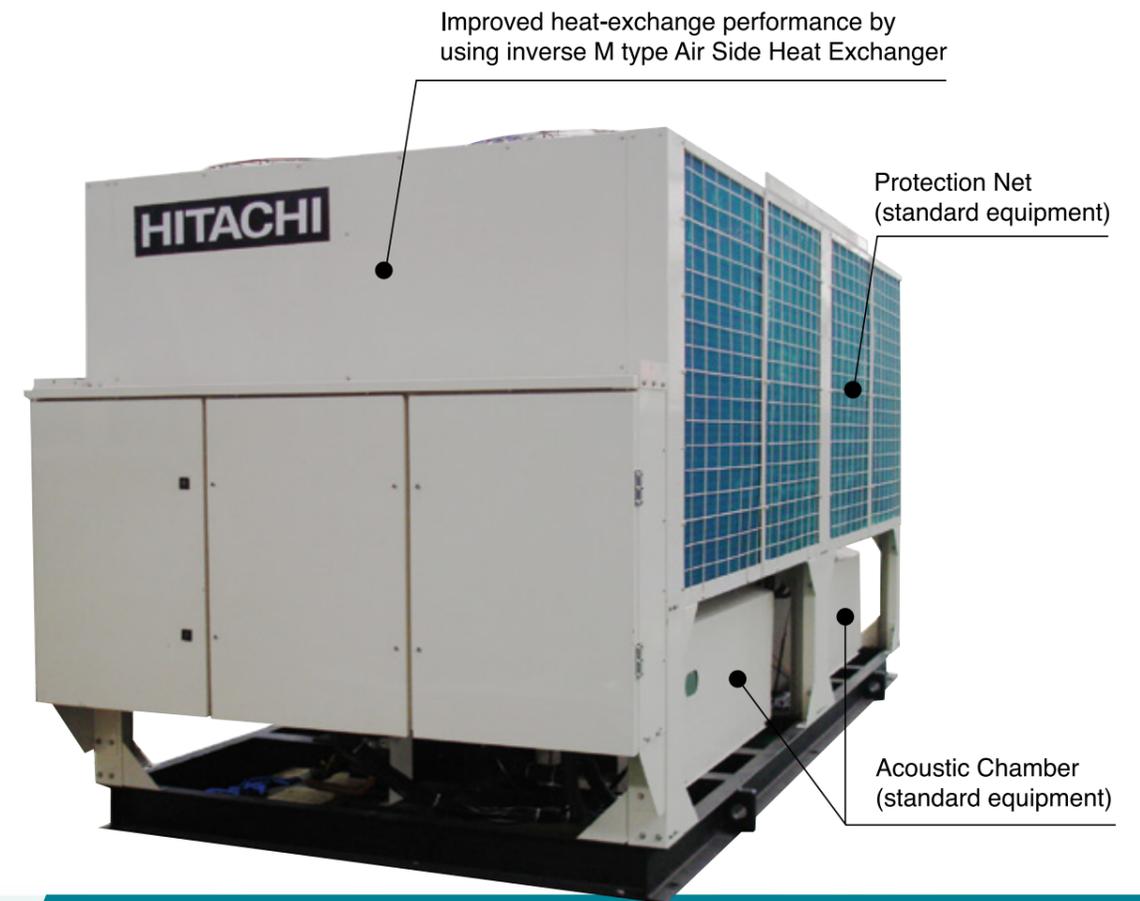


**R407C**

# The High-efficiency Air-cooled Chiller "H series"

The air-cooled chiller "H series" with improved efficiency and functionality by several advanced technologies.

This series with the world's best standard A-type screw compressor and newly designed shell and tube heat exchanger that have powerful cooling ability, low noise, low vibration, high efficiency and high reliability is the perfect answer to all your needs!!



## Product Series

### RCUG-AHYZ1

Nominal Capacity Range (50Hz)

110 kW to 1,089 kW

31 USRT to 310 USRT

94,600 kcal/h to 936,540 kcal/h

### RCUG-ATHYZ1

Nominal Capacity Range (50Hz)

98 kW to 957 kW

28 USRT to 272 USRT

84,280 kcal/h to 823,020 kcal/h

**R407C**

**E**nhanced Line-up ~up to 400 HP~

**H**igh-performance A-type Screw Compressor

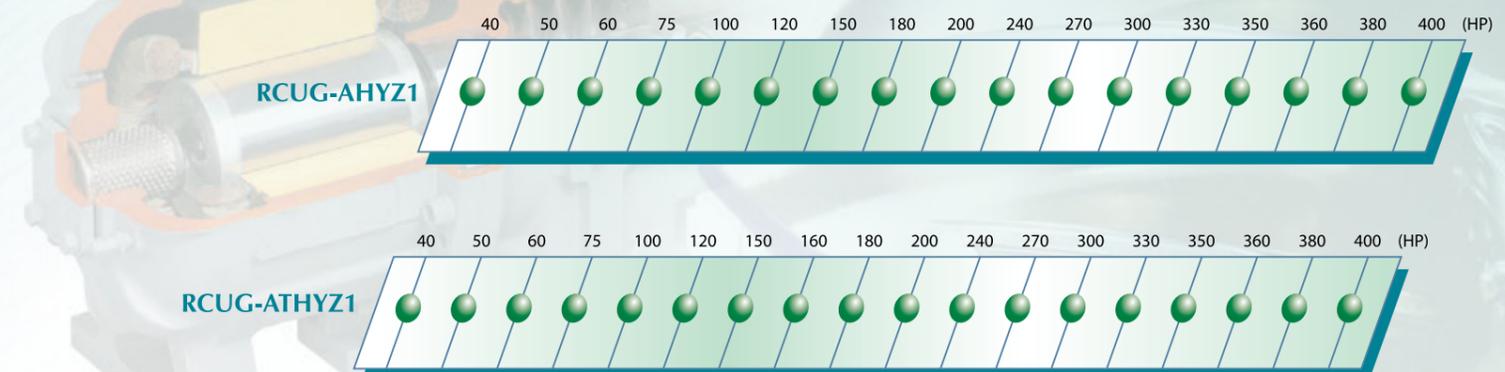
**P**recise Capacity Control Technology

**E**xcellent Control Function

**H**ighly Reliable Shell and Tube Heat Exchanger

## Wide Line-up

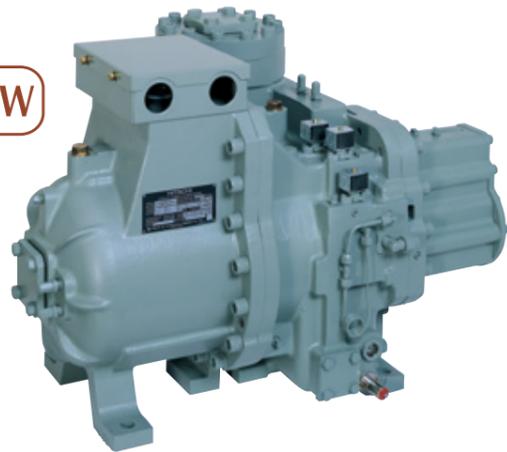
To meet the need for air conditioning systems for large facilities and the demand for higher capacity industrial cooling systems.



# Technical Features

## High-performance A-type Screw Compressor ~ Newly Designed ~

NEW



**No outside pump is required due to the reliable differential-pressure oil-feeding system.**

This oil-feeding system, which does not use any electrical mechanism, prevents the compressor from being damaged and maintains long-term stable operation.

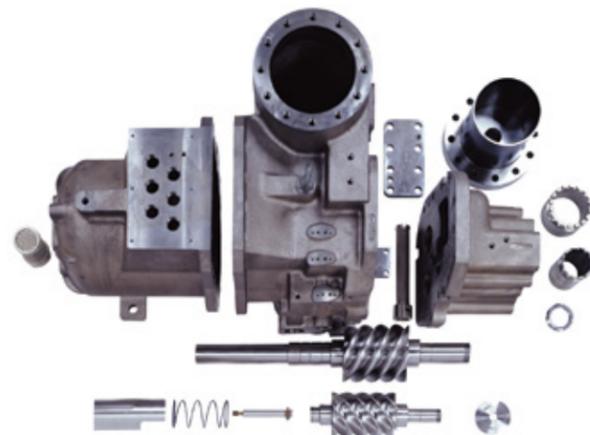
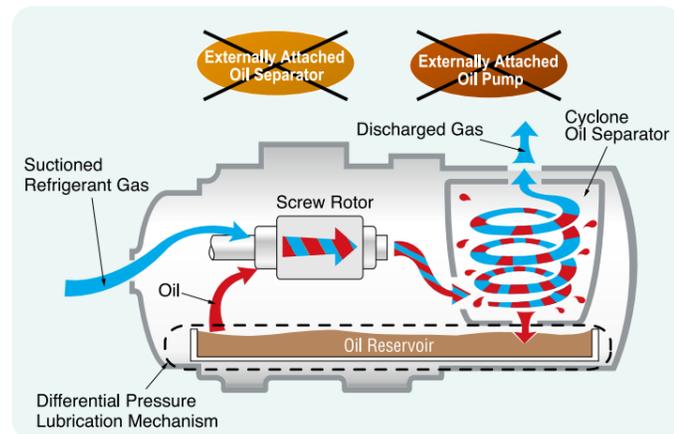
### Built-in Cyclone Oil Separator

Low oil carrying-out is realized and reduction of heat transfer efficiency is minimized.

### High Technology by Internal Manufacture

Because all manufacturing processes, from rotor manufacturing to unit assembly, are done internally, exceptional reliability is achieved.

### New Screw Compressor Operation Image



### Simple Structure with a Small Number of Parts

Whereas the number of main parts for the casing, compression mechanism and capacity control mechanism of a reciprocating compressor is **268**, that of a screw compressor is only **27**, just one tenth of the number !

A structure with so few parts offers high reliability and easy maintenance.

### Vibration Comparison

Type	Reciprocating	Screw
Comp. speed (rpm) 50/60Hz	1,430 / 1,720	<b>2,880 / 3,470</b>
Full amplitude	At leg of comp.	<b>5-8</b>
	At base frame	<b>Less than 10</b>
Vib. frequency	At leg of comp.	<b>48.5 / 57.8</b>
	At base frame	<b>48 / 57.8</b>
Acceleration energy	Screw: 1/5 of reciprocating type	

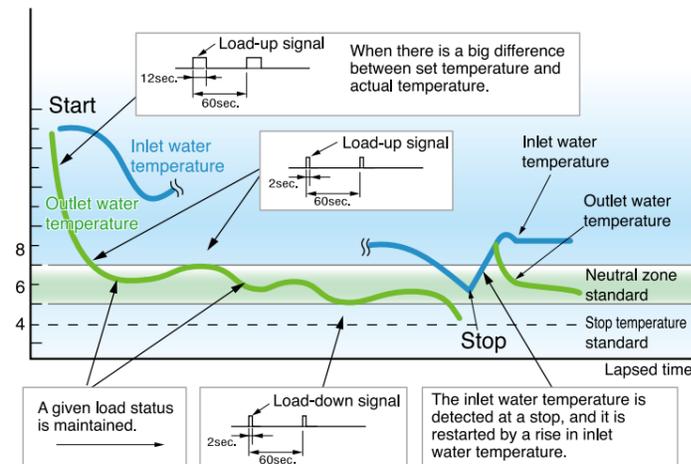
### Low Vibration Level

No exclusive vibration control equipment is necessary by using low-vibration screw compressor.

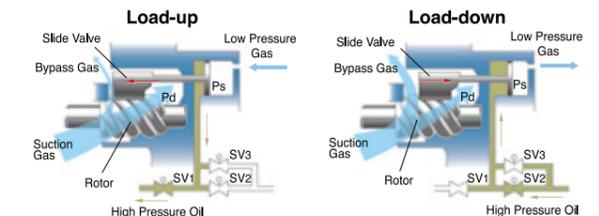
## Precise Capacity Control Technology

### Continuous Capacity Control

The temperature of the chilled water outlet can be kept at the set temperature  $\pm 1^\circ\text{C}$  by continuous capacity control, so it is suitable for industrial use.



### Capacity Controller Structural Outline (HITACHI Patented System)

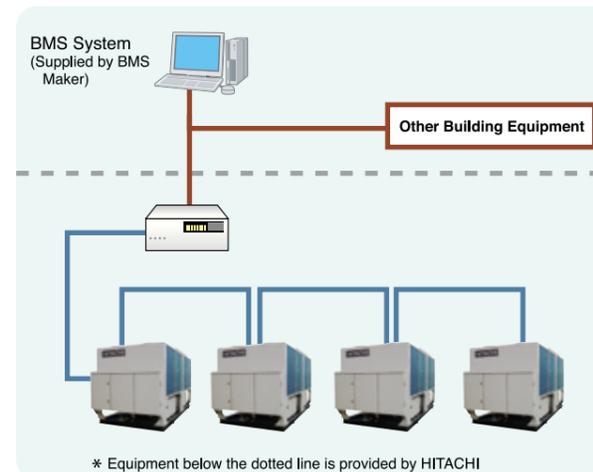


Pd: Discharge pressure, Ps: Suction pressure, SV1,2,3 : Solenoid valve : Valve open : Valve close

## Excellent Control Function

### Building Management System (BMS)

Hitachi uses Building Management System for chiller air-conditioning, Hitachi provides its own central station system. No complicated work is necessary.



### List of Functions

#### Remote Setting

- ON / OFF Operation
- Chilled Water Temperature (Inlet or Outlet)

#### Remote Monitor

- ON / OFF Status
- Setting Chilled Water Temperature (Inlet or Outlet)
- Current Water Temperature of Inlet and Outlet
- Alarm Code

## Highly Reliable Shell and Tube Heat Exchanger ~ Newly Designed ~

- Dry expansion cooler system
- Low environmental impact: refrigerant quantity reduced by 60% from the current unit
- Perfect matching with the chiller unit due to our own design
  - Downsized by redesigned heat-transfer tube
  - Improved efficiency by optimized refrigerant distribution

Model	RCUG40AHYZ1		RCUG50AHYZ1		RCUG60AHYZ1		RCUG75AHYZ1		RCUG100AHYZ1		RCUG120AHYZ1		RCUG150AHYZ1		RCUG180AHYZ1		RCUG200AHYZ1		RCUG240AHYZ1	
Power Source	Main (AC 3 φ) 380, 415V / 50Hz, Control (AC 1 φ) 220, 240V / 50Hz																			
Nominal Cooling Capacity*1	kW	110	136	170	181	272	340	363	510	544	680									
	USRT	31	39	48	51	77	97	103	145	155	193									
	kcal/h	94,600	116,960	146,200	155,660	233,920	292,400	312,180	438,600	467,840	584,800									
Capacity Control	%	Continuous Capacity Control 100~15, 0						Continuous Capacity Control 100~15(7.5)*2, 0						Continuous Capacity Control 100~15(5)*2, 0						
Outer Dimensions	Height	mm	2,170	2,170	2,170	2,170	2,170	2,170	2,170	2,170	2,170									
	Width	mm	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057									
	Depth	mm	2,390	2,390	2,390	2,390	4,490	4,490	4,490	6,590	6,590									
Net Weight	kg	1,790	1,830	1,870	1,890	3,210	3,280	3,320	4,865	4,900	2 x 3,280									
Refrigerant	Type	R407C																		
	Flow Control	Thermal Expansion Valve																		
	Number of Circuits	1						2						3						
Compressor	Type	Semi-Hermetic Screw Type																		
	Model	ASCCW-40Z	ASCCW-50Z	ASCCW-60Z	ASCCW-60Z	ASCCW-50Z	ASCCW-60Z	ASCCW-60Z	ASCCW-60Z	ASCCW-60Z	ASCCW-60Z									
	Quantity	1						2						3						
Heat Exchanger	Condenser	Cross Fin Type																		
		Direct Drive Propeller Fan																		
	Fan Motor	Power Input	kW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
		Quantity	4	4	4	4	8	8	8	12	12	12	12	12	12	12	12	12	12	12
	Evaporator	Shell-and-Tube Type																		
Safety Devices	Overcurrent Relay for Compressor, Internal Thermostat for Compressor, Reverse Phase Protection Device for Compressor, Thermal Overcurrent Relay for Fan Motor, High-Pressure Switch, Low-Pressure Control, Suction Gas Temperature Control, Freeze Protection Thermistor Control, Oil Heater, Discharge Gas Thermistor, Fusible Plug, Fuse for Control Circuit and Pressure Relief Valve																			
Shipping Dimensions	Height	mm	2,510	2,510	2,510	2,510	2,510	2,510	2,510	2,510	2,510									
	Width	mm	2,190	2,190	2,190	2,190	2,190	2,190	2,190	2,190	2,190									
	Depth	mm	2,600	2,600	2,600	2,600	4,700	4,700	4,700	6,800	6,800									
Shipping Weight	kg	2,000	2,040	2,080	2,100	3,610	3,680	3,720	5,500	5,535	2 x 3,680									
Piping Connections for Water Side Heat Exchanger	Inlet / Outlet	With DN80 Flange									With DN125 Flange									
Connection Hole	Main Power (square orifice)	mm	233 x 140									233 x 140								
	Circuit	mm	3 x φ 48; 2 x φ 75									3 x φ 48; φ 64; φ 52; 2 x φ 75								

Model	RCUG270AHYZ1		RCUG300AHYZ1		RCUG330AHYZ1		RCUG350AHYZ1		RCUG360AHYZ1		RCUG380AHYZ1		RCUG400AHYZ1	
Power Source	Main (AC 3 φ) 380, 415V / 50Hz, Control (AC 1 φ) 220, 240V / 50Hz													
Nominal Cooling Capacity*1	kW	703	726	873	907	1,020	1,055	1,089						
	USRT	200	206	248	258	290	300	310						
	kcal/h	604,580	624,360	750,780	780,020	877,200	907,300	936,540						
Capacity Control	%	Continuous Capacity Control 100~15(7.5)*2, 0				Continuous Capacity Control 100~15(6)*2, 0				Continuous Capacity Control 100~15(7.5)*2, 0				
Outer Dimensions	Height	mm	2,170	2,170	2,170	2,170	2,170	2,170						
	Width	mm	2,057	2,057	2,057	2,057	2,057	2,057						
	Depth	mm	9,080(min.)	9,080(min.)	11,180(min.)	11,180(min.)	13,280(min.)	13,280(min.)	13,280(min.)					
Net Weight	kg	3,320 + 3,280	2 x 3,320	4,865 + 3,320	4,900 + 3,320	2 x 4,865	4,900 + 4,865	2 x 4,900						
Refrigerant	Type	R407C												
	Flow Control	Thermal Expansion Valve												
	Number of Circuits	4				5				6				
Compressor	Type	Semi-Hermetic Screw Type												
	Model	ASCCW-60Z	ASCCW-60Z	ASCCW-60Z	ASCCW-60Z	ASCCW-60Z	ASCCW-60Z	ASCCW-60Z	ASCCW-60Z					
	Quantity	4				5				6				
Heat Exchanger	Condenser	Cross Fin Type												
		Direct Drive Propeller Fan												
	Fan Motor	Power Input	kW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
		Quantity	8 + 8	2 x 8	12 + 8	12 + 8	2 x 12	12 + 12	2 x 12					
	Evaporator	Shell-and-Tube Type												
Safety Devices	Overcurrent Relay for Compressor, Internal Thermostat for Compressor, Reverse Phase Protection Device for Compressor, Thermal Overcurrent Relay for Fan Motor, High-Pressure Switch, Low-Pressure Control, Suction Gas Temperature Control, Freeze Protection Thermistor Control, Oil Heater, Discharge Gas Thermistor, Fusible Plug, Fuse for Control Circuit and Pressure Relief Valve													
Shipping Dimensions	Height	mm	2,510	2,510	2,510	2,510	2,510	2,510						
	Width	mm	2,190	2,190	2,190	2,190	2,190	2,190						
	Depth	mm	2 x 4,700	2 x 4,700	6,800 + 4,700	6,800 + 4,700	2 x 6,800	2 x 6,800	2 x 6,800					
Shipping Weight	kg	3,720 + 3,680	2 x 3,720	5,500 + 3,720	5,535 + 3,720	2 x 5,500	5,535 + 5,500	2 x 5,535						
Piping Connections for Water Side Heat Exchanger	Inlet / Outlet	With DN125 Flange												
Connection Hole	Main Power (square orifice)	mm	2 x 233 x 140											
	Circuit	mm	6 x φ 48; 2 x φ 64; 2 x φ 52; 4 x φ 75											

NOTES:

- The nominal cooling capacities are based on the following conditions. (\*1)  
Chilled Water Inlet / Outlet Temperature: 12°C / 7°C  
Condenser Air Inlet Temperature: 35°C(DB)
- The units greater than 240AHYZ1 including 240AHYZ1 consist of two modules and are separately shipped. The common chilled water piping (Filed-Supplied) between each water cooler shall be directly connected at site.
- Water Flow  
1) RCUG240, 300, 360, 400AHYZ1  
It is necessary to control the common water flow volume to each cooler.  
2) RCUG270, 330, 350, 380AHYZ1  
The chilled water flow rate is different between No.1 & No.2 units. It is necessary to control the water flow volume of each unit with adjusting valves (Filed-Supplied).
- It is required to connect electrical control wires between No.1 & No.2 units for the unit greater than 240AHYZ1 including 240AHYZ1.
- ( ) marked with \*2 is available by selection switch.

Working Range

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

Model			RCUG40ATHYZ1	RCUG50ATHYZ1	RCUG60ATHYZ1	RCUG75ATHYZ1	RCUG100ATHYZ1	RCUG120ATHYZ1	RCUG150ATHYZ1	RCUG160ATHYZ1	RCUG180ATHYZ1	RCUG200ATHYZ1	RCUG240ATHYZ1
Power Source			Main (AC 3 φ) 380, 415V / 50Hz, Control (AC 1 φ) 220, 240V / 50Hz					Main (AC 3 φ) 380, 415V / 50Hz, Control (AC 1 φ) 220, 240V / 50Hz					
Nominal Cooling Capacity*1	kW		110	136	170	181	272	340	363	408	510	544	680
	USRT		31	39	48	51	77	97	103	116	145	155	193
	kcal/h		94,600	116,960	146,200	155,660	233,920	292,400	312,180	350,880	438,600	467,840	584,800
Nominal Cooling Capacity*2	kW		98	119	150	160	239	299	319	358	449	479	598
	USRT		28	34	43	45	68	85	91	102	128	136	170
	kcal/h		84,280	102,340	129,000	137,600	205,540	257,140	274,340	307,880	386,140	411,940	514,280
Capacity Control			Continuous Capacity Control					Continuous Capacity Control					
			100~15, 0					100~15(7.5)*3, 0					
Outer Dimensions	Height	mm	2,170	2,170	2,170	2,170	2,170	2,170	2,170	2,170	2,170	2,170	2,170
	Width	mm	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057
	Depth	mm	2,390	2,390	2,390	2,390	4,490	4,490	4,490	6,590	6,590	6,590	9,080(min.)
Net Weight	kg	1,790	1,830	1,870	1,890	3,210	3,280	3,320	4,745	4,865	4,900	2 x 3,280	
Refrigerant			R407C					R407C					
Flow Control			Thermal Expansion Valve					Thermal Expansion Valve					
Number of Circuits			1					2					
Compressor			Semi-Hermetic Screw Type					Semi-Hermetic Screw Type					
Type			ASCCW-40Z					ASCCW-60Z					
Model			ASCCW-50Z					ASCCW-60Z					
Quantity			1					2					
Heat Exchanger			Cross Fin Type					Cross Fin Type					
Condenser			Direct Drive Propeller Fan					Direct Drive Propeller Fan					
Fan Power Input			1.1					1.1					
Motor Quantity			4					8					
Evaporator			Shell-and-Tube Type					Shell-and-Tube Type					
Safety Devices			Overcurrent Relay for Compressor, Internal Thermostat for Compressor, Reverse Phase Protection Device for Compressor, Thermal Overcurrent Relay for Fan Motor, High-Pressure Switch, Low-Pressure Control, Suction Gas Temperature Control, Freeze Protection Thermistor Control, Oil Heater, Discharge Gas Thermistor, Fusible Plug, Fuse for Control Circuit and Pressure Relief Valve					Overcurrent Relay for Compressor, Internal Thermostat for Compressor, Reverse Phase Protection Device for Compressor, Thermal Overcurrent Relay for Fan Motor, High-Pressure Switch, Low-Pressure Control, Suction Gas Temperature Control, Freeze Protection Thermistor Control, Oil Heater, Discharge Gas Thermistor, Fusible Plug, Fuse for Control Circuit and Pressure Relief Valve					
Shipping Dimensions	Height	mm	2,510	2,510	2,510	2,510	2,510	2,510	2,510	2,510	2,510	2,510	2,510
	Width	mm	2,190	2,190	2,190	2,190	2,190	2,190	2,190	2,190	2,190	2,190	2,190
	Depth	mm	2,600	2,600	2,600	2,600	4,700	4,700	4,700	6,800	6,800	6,800	2 x 4,700
Shipping Weight*4	kg	2,000	2,040	2,080	2,100	3,610	3,680	3,720	5,380	5,500	5,535	2 x 3,680	
Piping Connections for Water Side Heat Exchanger			With DN80 Flange					With DN125 Flange					
Connection Hole			500 x 160					500 x 160					
Main Power (square orifice)			φ 48; φ 64.5; φ 102; φ 52					2 x φ 48; φ 64.5; φ 102; φ 52					
Circuit								2 x φ 48; φ 64.5; φ 102; φ 52					

Model			RCUG270ATHYZ1	RCUG300ATHYZ1	RCUG330ATHYZ1	RCUG350ATHYZ1	RCUG360ATHYZ1	RCUG380ATHYZ1	RCUG400ATHYZ1
Power Source			Main (AC 3 φ) 380, 415V / 50Hz, Control (AC 1 φ) 220, 240V / 50Hz					Main (AC 3 φ) 380, 415V / 50Hz, Control (AC 1 φ) 220, 240V / 50Hz	
Nominal Cooling Capacity*1	kW		703	726	873	907	1,020	1,055	1,089
	USRT		200	206	248	258	290	300	310
	kcal/h		604,580	624,360	750,780	780,020	877,200	907,300	936,540
Nominal Cooling Capacity*2	kW		618	638	768	798	897	927	957
	USRT		176	181	218	227	264	264	272
	kcal/h		531,480	548,680	660,480	686,280	771,420	797,220	823,020
Capacity Control			Continuous Capacity Control					Continuous Capacity Control	
			100~15(7.5)*3, 0					100~15(7.5)*3, 0	
Outer Dimensions	Height	mm	2,170	2,170	2,170	2,170	2,170	2,170	2,170
	Width	mm	2,057	2,057	2,057	2,057	2,057	2,057	2,057
	Depth	mm	9,080(min.)	9,080(min.)	11,180(min.)	11,180(min.)	13,280(min.)	13,280(min.)	13,280(min.)
Net Weight	kg	3,320 + 3,280	2 x 3,320	4,865 + 3,320	4,900 + 3,320	2 x 4,865	4,900 + 4,865	2 x 4,900	
Refrigerant			R407C					R407C	
Flow Control			Thermal Expansion Valve					Thermal Expansion Valve	
Number of Circuits			4					6	
Compressor			Semi-Hermetic Screw Type					Semi-Hermetic Screw Type	
Type			ASCCW-60Z					ASCCW-60Z	
Model			ASCCW-60Z					ASCCW-60Z	
Quantity			4					6	
Heat Exchanger			Cross Fin Type					Cross Fin Type	
Condenser			Direct Drive Propeller Fan					Direct Drive Propeller Fan	
Fan Power Input			1.1					1.1	
Motor Quantity			8 + 8					12 + 12	
Evaporator			Shell-and-Tube Type					Shell-and-Tube Type	
Safety Devices			Overcurrent Relay for Compressor, Internal Thermostat for Compressor, Reverse Phase Protection Device for Compressor, Thermal Overcurrent Relay for Fan Motor, High-Pressure Switch, Low-Pressure Control, Suction Gas Temperature Control, Freeze Protection Thermistor Control, Oil Heater, Discharge Gas Thermistor, Fusible Plug, Fuse for Control Circuit and Pressure Relief Valve					Overcurrent Relay for Compressor, Internal Thermostat for Compressor, Reverse Phase Protection Device for Compressor, Thermal Overcurrent Relay for Fan Motor, High-Pressure Switch, Low-Pressure Control, Suction Gas Temperature Control, Freeze Protection Thermistor Control, Oil Heater, Discharge Gas Thermistor, Fusible Plug, Fuse for Control Circuit and Pressure Relief Valve	
Shipping Dimensions	Height	mm	2,510	2,510	2,510	2,510	2,510	2,510	2,510
	Width	mm	2,190	2,190	2,190	2,190	2,190	2,190	2,190
	Depth	mm	2 x 4,700	2 x 4,700	6,800 + 4,700	6,800 + 4,700	2 x 6,800	2 x 6,800	2 x 6,800
Shipping Weight*4	kg	3,720 + 3,680	2 x 3,720	5,500 + 3,720	5,535 + 3,720	2 x 5,500	5,535 + 5,500	2 x 5,535	
Piping Connections for Water Side Heat Exchanger			With DN125 Flange					With DN125 Flange	
Connection Hole			2 x 500 x 160					2 x 500 x 160	
Main Power (square orifice)			4 x φ 48; 2 x φ 64.5; 2 x φ 102; 2 x φ 52					6 x φ 48; 2 x φ 64.5; 2 x φ 102; 4 x φ 52	
Circuit								6 x φ 48; 2 x φ 64.5; 2 x φ 102; 4 x φ 52	

**NOTES:**

- The nominal cooling capacities are based on the following conditions:  
 \*1 Chilled Water Inlet/Outlet Temperature 12°C/7°C  
 Condenser Air Inlet Temperature 35°C (DB)  
 \*2 Chilled Water Inlet/Outlet Temperature 12°C/7°C  
 Condenser Air Inlet Temperature 46°C (DB)
- The units greater than 240ATHYZ1 including 240ATHYZ1 consist of two modules and are separately shipped>(\*4). The common chilled water piping (Filed-Supplied) between each water cooler shall be directly connected at site.
- Water Flow  
 1) RCUG240,300,360,400ATHYZ1  
 It is necessary to control the common water flow volume to each cooler.  
 2) RCUG270,330,350,380ATHYZ1  
 The chilled water flow rate is different between No.1 & No.2 units.  
 It is necessary to control the water flow volume of each unit with adjusting valves (Filed-Supplied) .
- It is required to connect electrical control wires between No.1&No.2 units for the unit greater than 240ATHYZ1 including 240ATHYZ1.
- ( )marked with \*3 is available by selection switch.
- Companion flanges are factory supplied.
- Communication adapter connecting the unit to BMS (Building Management System) is an optional accessory, please contact with HITACHI or HITACHI distributor if required. For the details, please refer to Technical Catalog 1 .

**Working Range**

Item	Standard
Chilled Water Outlet Temperature	5~10°C
Condenser Air Inlet Temperature (DB)	5~50°C

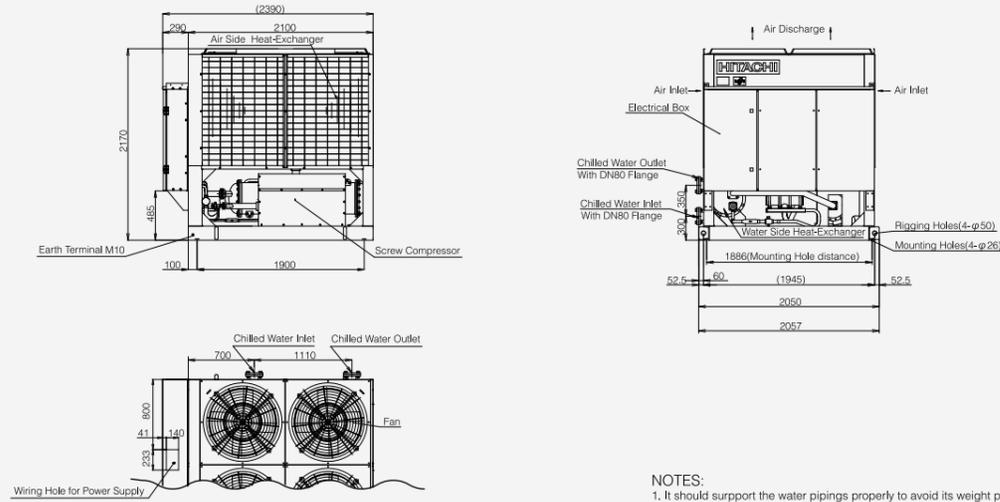
**Options**

- Heat Recovery System
- Separate LCD Control Panel

# Dimensional Data

## RCUG40, 50, 60 and 75AHYZ1 RCUG40, 50, 60 and 75ATHYZ1

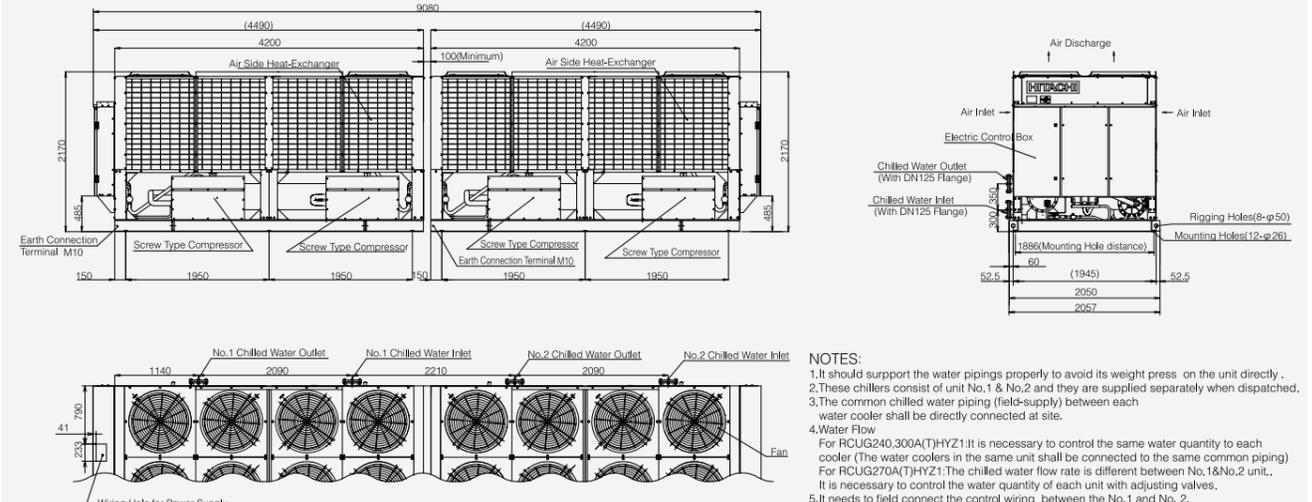
(Unit: mm)



NOTES:  
1. It should support the water pipings properly to avoid its weight press on the unit directly

## RCUG240, 270 and 300AHYZ1 RCUG240, 270 and 300ATHYZ1

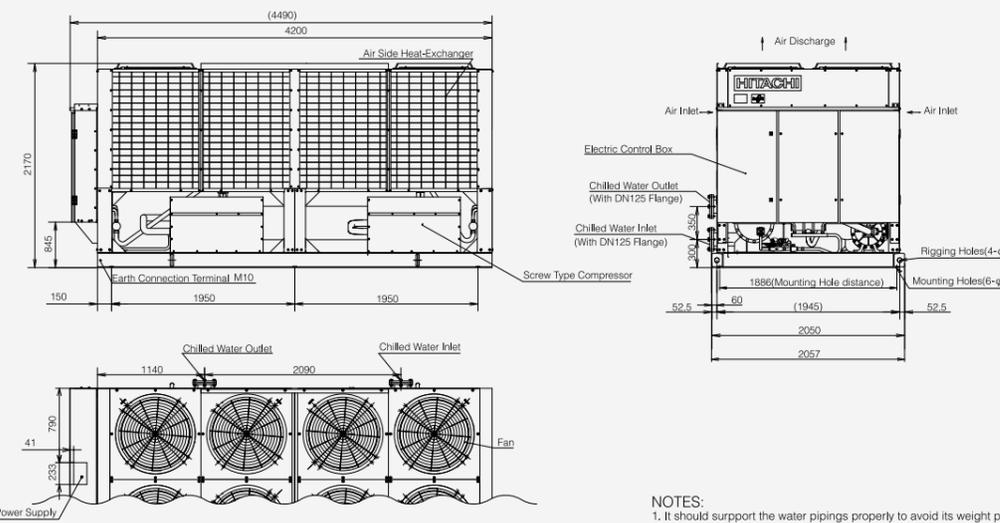
(Unit: mm)



NOTES:  
1. It should support the water pipings properly to avoid its weight press on the unit directly.  
2. These chillers consist of unit No.1 & No.2 and they are supplied separately when dispatched.  
3. The common chilled water piping (field-supply) between each water cooler shall be directly connected at site.  
4. Water Flow  
For RCUG240,300A(T)HYZ1: It is necessary to control the same water quantity to each cooler (The water coolers in the same unit shall be connected to the same common piping)  
For RCUG270A(T)HYZ1: The chilled water flow rate is different between No.1&No.2 unit.. It is necessary to control the water quantity of each unit with adjusting valves.  
5. It needs to field connect the control wiring between the No.1 and No. 2.

## RCUG100, 120 and 150AHYZ1 RCUG100, 120 and 150ATHYZ1

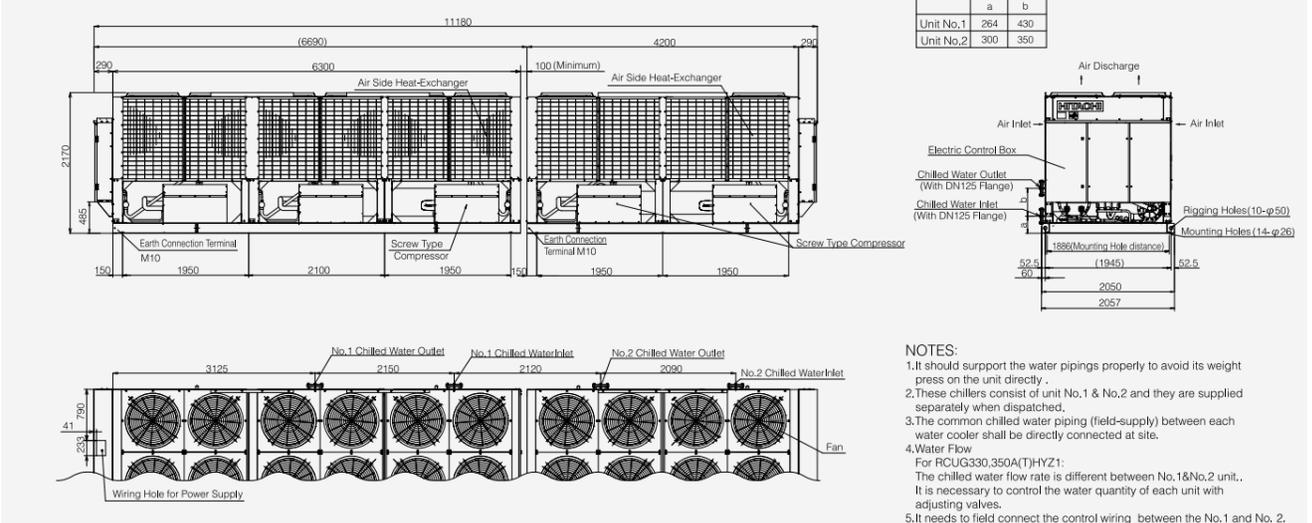
(Unit: mm)



NOTES:  
1. It should support the water pipings properly to avoid its weight press on the unit directly

## RCUG330 and 350AHYZ1 RCUG330 and 350ATHYZ1

(Unit: mm)



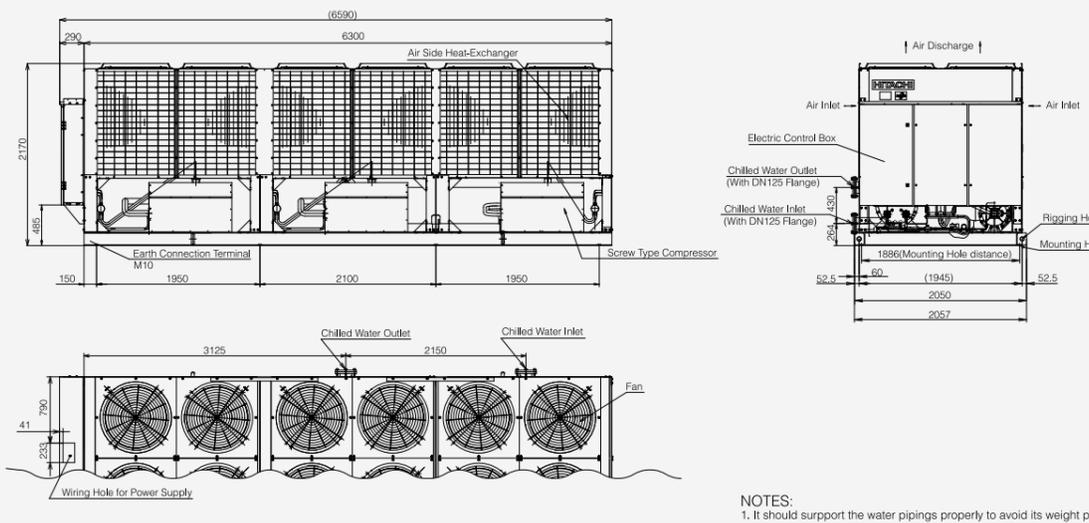
Dimension by Unit

	a	b
Unit No.1	264	430
Unit No.2	300	350

NOTES:  
1. It should support the water pipings properly to avoid its weight press on the unit directly.  
2. These chillers consist of unit No.1 & No.2 and they are supplied separately when dispatched.  
3. The common chilled water piping (field-supply) between each water cooler shall be directly connected at site.  
4. Water Flow  
For RCUG330,350A(T)HYZ1:  
The chilled water flow rate is different between No.1&No.2 unit.. It is necessary to control the water quantity of each unit with adjusting valves.  
5. It needs to field connect the control wiring between the No.1 and No. 2.

## RCUG180 and 200AHYZ1 RCUG160,180 and 200ATHYZ1

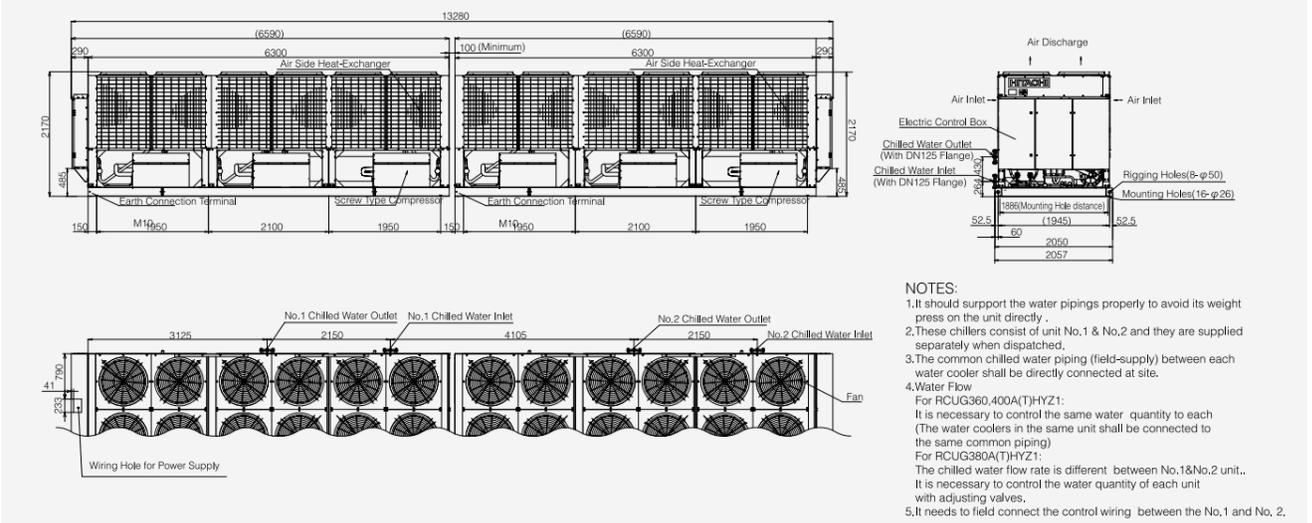
(Unit: mm)



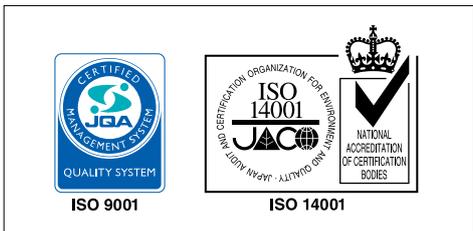
NOTES:  
1. It should support the water pipings properly to avoid its weight press on the unit directly

## RCUG360, 380 and 400AHYZ1 RCUG360, 380 and 400ATHYZ1

(Unit: mm)



NOTES:  
1. It should support the water pipings properly to avoid its weight press on the unit directly.  
2. These chillers consist of unit No.1 & No.2 and they are supplied separately when dispatched.  
3. The common chilled water piping (field-supply) between each water cooler shall be directly connected at site.  
4. Water Flow  
For RCUG360,400A(T)HYZ1:  
It is necessary to control the same water quantity to each (The water coolers in the same unit shall be connected to the same common piping)  
For RCUG380A(T)HYZ1:  
The chilled water flow rate is different between No.1&No.2 unit.. It is necessary to control the water quantity of each unit with adjusting valves.  
5. It needs to field connect the control wiring between the No.1 and No. 2.



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