

General Data (R22)

HP			150HP	170HP	180HP	200HP	220HP	260HP	300HP
Nominal Cooling Capacity*1	Standard //Heat Recovery	kW	516	608	637	669	713	842	971
		kcal/h	443,760	522,880	547,820	575,340	613,180	724,120	835,060
		RT	146.7	172.9	181.2	190.2	202.7	239.5	276.1
Nominal Cooling Capacity*2	Low Temp.	kW	301	355.5	370	391	417	492	567
		kcal/h	258,860	305,730	318,200	336,260	358,620	423,120	487,620
		RT	85.6	101.1	105.2	111.2	118.6	139.9	161.3
Heat Recovery Capacity*1		kW	77	91	96	100	107	126	146
Hot Water Flow Rate*3 ★1		m ³ /h	2.7	3.1	3.3	3.4	3.7	4.3	5.0
Cooling Capacity Control		—	Continuous Capacity Control						
	%	100~15,(5) ^{1/4} ,0	100~15,0	100~15,(5) ^{1/4} ,0	100~15,0	100~15,(7.5) ^{1/4} ,0			
Cooling Capacity Control ★3		—	Step	Continuous	Step	Continuous			
	%	100,66,33,17,0	100~50,0	100,66,33,17,0	100~50,(25) ^{1/4} ,0				
Refrigerant	Type	—	R22						
	Flow Control	—	Electronic Expansion Valve						
	Number Of Circuits	—	3	1	3	1	2		
Compressor	Type	—	Semi-Hermetic Screw Type						
	Model	—	ASCCW-50Z	ASCCW-170Z	ASCCW-60Z	ASCCW-170Z	ASCCW-100/100 Z	ASCCW-130/100 Z	ASCCW-130/130 Z
	Quantity	—	3	1	3	1	2		
Compressor ★3	Type	—	Semi-Hermetic Screw Type						
	Model	—	ASCCW-50Z	ASCCW-170Z	ASCCW-60Z	ASCCW-170Z	ASCCW-100/100 Z	ASCCW-130/100 Z	ASCCW-130/130 Z
	Quantity	—	3	1	3	1	2		
Condenser		—	Shell-and-Tube Type						
Evaporator		—	Shell-and-Tube Type,Dry Expansion Type						
Safety Devices		—	Three-Phase Overcurrent Relay, High-Pressure Switch, Low-Pressure Switch, Oil Heater, Internal Thermostat for Compressor Motor, Freeze Protection Thermistor, Reverse Phase Protection Relay, Discharge Gas Thermistor, Operation Hour-Meter and Pressure Relief Valve.						
Piping Connections for Condenser	Inlet	—	With DN100 Flange						
	Outlet	—							
Piping Connections for Evaporator	Inlet	—	With DN125 Flange						
	Outlet	—							
Hot Water Piping Connections ★1	Inlet	—	With φ19.3	With φ78 Inner	With φ19.3	With φ78 Inner	With φ78 Inner Diameter Flange		
	Outlet	—	Welded Fitting	Diameter Flange	Welded Fitting	Diameter Range			
Outer Dimensions	Height	mm	1,688	1,877	1,688	1,877	1,810	1,877	
	Width	mm	1,220	1,296	1,220	1,296	2,692	2,692	
	Depth	mm	3,531	2,134	3,531	2,134	2,134	2,134	
Shipping Dimensions ^③	Height	mm	2,003	2,150	2,003	2,150	2×2,150		
	Width	mm	1,346	1,500	1,346	1,500	2×1,500		
	Depth	mm	3,662	2,460	3,662	2,460	2×2,460		
Net Weight(No.1/No.2)	kg	3,010	2,988	3,220	3,038	2×2,726	2,858 / 2,726		2,858 / 2,858
Shipping Weight(No.1/No.2)	kg	3,220	3,150	3,430	3,200	2×2,888	3,020 / 2,888		3,020 / 3,020
Net Weight(No.1/No.2) ★1	kg	3,085	3,038	3,295	3,088	2×2,776	2,908/2,776		2,908/2,908
Shipping Weight(No.1/No.2) ★1	kg	3,295	3,200	3,505	3,250	2×2,938	3,070/2,938		3,070/3,070
Input Power	kW	101.0	117	124.0	129	137.0	162.0		187.0
Input Power ★2	kW	93	107.7	114.3	118.5	126	149.1		172.2