

General Data (R22)

HP			40HP	50HP	60HP	80HP	100HP	120HP	140HP	
Nominal Cooling Capacity*1	Standard #Heat Recovery	kW	139.5	172	212.5	279	344	425	485	
		kcal/h	119,970	147,920	182,750	239,940	295,840	365,500	417,100	
		RT	39.7	48.9	60.4	79.3	97.8	120.8	137.9	
Nominal Cooling Capacity*2	Low Temp.	kW	81	100	124	163	200	248	284	
		kcal/h	69,660	86,000	106,640	140,180	172,000	213,280	243,810	
		RT	23.0	28.4	35.3	46.4	56.9	70.5	80.6	
Heat Recovery Capacity*1		kW	21	26	32	42	52	64	72	
Hot Water Flow Rate*3		m ³ /h	0.7	0.9	1.1	1.4	1.8	2.2	2.5	
Cooling Capacity Control		Continuous Capacity Control								
		—	100~15.0				100~15,(7.5) ¹ ,0			100~15.0
Cooling Capacity Control*3		Step Capacity Control								
		—	100,75,50,15,0				100,75,50,25,0			100~50.0
Refrigerant		Type	R22							
		Flow Control	Electronic Expansion Valve							
		Number Of Circuits	1				2			1
Compressor		Type	Semi-Hermetic Screw Type							
		Model	ASCCW-40Z	ASCCW-50Z	ASCCW-60Z	ASCCW-40Z	ASCCW-50Z	ASCCW-60Z	ASCCW-130Z	
		Quantity	1				2			1
Compressor*3		Type	Semi-Hermetic Screw Type							
		Model	ASCCW-40Z	ASCCW-50Z	ASCCW-60Z	ASCCW-40Z	ASCCW-50Z	ASCCW-60Z	ASCCW-130Z	
		Quantity	1				2			1
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 Thermostat, Reverse Phase Protection Relay, Discharge Gas Thermostat, Operation Hour-Meter and Pressure Relief Valve.							
Piping Connections for Condenser		Inlet	Rc	With DN65 Flange			4	4	4	With DN100 Flange
		Outlet	Rc				4	4	4	
Piping Connections for Evaporator		Inlet	R	With DN80 Flange			With DN125 Flange			
		Outlet	R							
Hot Water Piping Connections*1		Inlet	—	With φ22.3 Inner Diameter Flange			With φ28.2 Inner Diameter Flange			With φ78 Inner Diameter Flange
		Outlet	—	With φ22.3 Inner Diameter Flange			With φ28.2 Inner Diameter Flange			
Outer Dimensions		Height	mm	1,506	1,505			1,877		
		Width	mm	965	1,079			1,296		
		Depth	mm	1,977	2,956			2,134		
Shipping Dimensions*3		Height	mm	1,747	1,753			2,150		
		Width	mm	1,146	1,234			1,500		
		Depth	mm	2,088	3,076			2,460		
Net Weight		kg	1,072	1,142	1,212	1,800	1,980	2,070	2,858	
Shipping Weight		kg	1,170	1,240	1,310	1,960	2,140	2,230	3,020	
Net Weight*1		kg	1,097	1,167	1,237	1,850	2,030	2,120	2,908	
Shipping Weight*1		kg	1,195	1,265	1,335	2,010	2,190	2,280	3,070	
Input Power		kW	27.0	33.5	41.5	54.0	67.0	83.0	93.5	
Input Power*2		kW	24.9	31	38.1	49.8	62	76.2	86.1	