

Water-air Type Water Source Heat Pump (Return Air Condition)															
Model Number	Split type		HWSFY031	HWSFY045	HWSFY055	HWSFY065	HWSFY090	HWSFY110	HWSFY150	HWSFY170	HWSFY200	HWSFY230	HWSFY280	HWSFY340	
	Packaged type		HWSY031	HWSY045	HWSY055	HWSY065	HWSY090	HWSY110	HWSY150	HWSY170	HWSY200	HWSY230	HWSY280	HWSY340	
Cooling Capacity		KW	9.8	13.2	16	19.8	26.5	33	41	49.7	59.3	66.3	82	99.5	
Heating Capacity		KW	10.5	13.8	17.2	21.6	28	35	45.6	52	63	71	87	105	
Power supply			3N~380V 50HZ												
Fan Performance	Air Volume	m³/h	1860	2500	3000	3650	4300	5800	7100	9100	10000	11000	13800	16800	
	External Static Pressure	Pa	30/80	100	120	130	150	150	200	220	220	230	240	260	
	Noise Level	dB(A)	<48/<53	<50	<56	<57	<58	<60	<62	<64	<64	<65	<65	<66	
	Motor Power	KW	0.10/0.28	0.55	0.55	0.75	1.1	1.3	1.5	2.2	2.2	3	4	4	
Refrigerating System	Compressor	Type	Scroll Compressor												
		Power	KW	2.25	3.0	3.75	4.5	3.75+2.25	3.75×2	4.5×2	3.75×3	4.5×3	3.75×4	4.5×4	9×2+4.5
	Water Side Heat Exchanger	Type													
		Water Volume	m³/h	2.3	2.8	3.5	4.3	5.5	6.8	8.8	11	13	14.6	17.1	20.5
		Water Pressure Drop	Kpa	16	18	22	25	30	28	29	30	32	34	35	36
		Pipe Connection	in/mm	1 1/4"/DN32	1 1/4"/DN32	1 1/4"/DN32	1 1/4"/DN32	1 1/2"/DN40	1 1/2"/DN40	1 1/2"/DN40	2"/DN50	2"/DN50	2"/DN50	2 1/2"/DN65	2 1/2"/DN65
Air Side Heat Exchanger	Type	Tube with Fin													
	Fin Type	Slotted-type Two-way Aluminum Fin/Honeycomb Type Finned Aluminum													
Refrigerant	Type	R22/R407C													
	Way of Throttling	Capillary Tube/Expansion Valve													
Net dimensions(L×W×H)	HWSFY(indoor unit)	mm	800*950*550	850*950*600	900×950×600	950×950×600	1100×950×650	1300×950×650	1400×1150×750	1600×1150×750	2100×1300×820	2150×1300×820	2050×1400×1080	2300×1400×1080	
	HWSY	mm	1050*900*580	1120*1000*580	1180×1100×580	1250×1100×580	1600×1100×660	1850×1100×660	2200×1170×690	2450×1170×690	2450×1170×820	2450×1170×930	2450×1170×1080	2750×1500×1300	
Net weight	HWSFY(indoor unit)	kg	70	80	90	100	140	160	225	280	320	350	440	480	
	HWSY	kg	150	170	180	190	250	330	380	500	556	620	660	720	

- NOTE:
- Nominal cooling condition: indoor air temperature 27℃DB/19℃WB; water inlet/outlet temperature 30℃/35℃.
 - Nominal heating condition: indoor air temperature 20℃DB/15℃WB, water temperature 20℃.
 - The dimensions for indoor unit is ceiling mounted, floor standing type is also available.

Water-air Type Water Source Heat Pump(Fresh Air Condition)														
Model Number	Split type		HWSFY031X	HWSFY055X	HWSFY065X	HWSFY090X	HWSFY110X	HWSFY150X	HWSFY170X	HWSFY200X	HWSFY230X	HWSFY280X	HWSFY340X	
	Packaged type		HWSY031X	HWSY055X	HWSY065X	HWSY090X	HWSY110X	HWSY150X	HWSY170X	HWSY200X	HWSY230X	HWSY280X	HWSY340X	
Cooling Capacity		KW	15	24	28	39	48	58	72	87	96	116	142	
Heating Capacity		KW	15.3	23.6	26.5	35.6	42.7	55.9	69	84	91	100	128	
Fan Performance		m³/h	1700	2500	3000	3800	5000	5800	7500	9100	9800	11500	14000	
	External Static Pressure	Pa	80	120	160	180	200	220	240	260	280	300	320	
	Noise Level	dB(A)	53	56	57	57	58	58	60	61	62	63	64	
	Motor Power	KW	0.28	0.55	0.75	1.1	1.1	1.5	1.5	2.2	3	3	4	
Refrigerating System	Compressor	Type	Scroll Compressor											
		Power	KW	2.25	3.75	4.5	3.75+2.25	3.75×2	4.5×2	3.75×3	4.5×3	3.75×4	4.5×4	9×2+4.5
	Water Side Heat Exchanger	Type	High Efficiency Shell and Tube											
		Water Volume	m³/h	3.3	5.2	5.5	7.0	8.8	12	14.5	17.1	18.7	21	28
		Water Pressure Drop	Kpa	24	32	28	32	30	32	32	33	36	36	38
		Pipe Connection	in/mm							2"/DN50	2"/DN50	2"/DN50		
Air Side Heat Exchanger	Type	Tube with Fin												
	Fin Type	Slotted-type Two-way Aluminum Fin/Honeycomb Type Finned Aluminum												
Refrigerant	Type	R22												
	Way of Throttling	Capillary Tube/Expansion Valve												
Net dimensions(L*W*H)	HWSFY(indoor unit)	mm	800*950*550	900*950*600	950*950*600	1100*950*650	1300*950*650	1400*1150*750	1600*1150*750	2100*1300*820	2150*1300*820	2050*1400*1080	2300*1400*1080	
	HWSY	mm	1050*900*580	1180*1100*580	1250*1100*580	1600*1100*660	1850*1100*660	2200*1170*690	2450*1170*690	2450*1170*820	2450*1170*930	2450*1170*1080	2750*1500*1300	
Net weight	HWSFY(indoor unit)	kg	70	90	100	140	160	225	280	320	350	440	480	
	HWSY	kg	150	180	190	250	330	380	500	556	620	660	720	
Voltage			3N~380V 50HZ											

- NOTE:
- Nominal cooling condition: indoor air temperature 34℃DB/28℃WB; water inlet/outlet temperature 30℃/35℃.
 - Nominal heating condition: indoor air temperature 7℃DB/6℃WB, water temperature 20℃.
 - The dimensions for indoor unit is ceiling mounted, floor standing type is also available.