





OUTDOOR UNITS SPECIFICATIONS

Appearance																									
HP		8	10	12	14	16	18	20	22	24		26	28	30	32	34	36	38	40	42	44	46	48		
Model name (SPW-)		CR704GDZH8	CR904GDZH8	CR1154GDZH8	CR1304GDZH8	CR1404GDZH8	CR704GDZH8 CR904GDZH8	CR904GDZH8 CR904GDZH8	CR904GDZH8 CR1154GDZH8	CR904GDZH8 CR1304GDZH8		CR904GDZH8 CR1404GDZH8	CR1154GDZH8 CR1404GDZH8	CR1304GDZH8 CR1404GDZH8	CR1404GDZH8 CR1404GDZH8	CR904GDZH8 CR904GDZH8 CR1304GDZH8	CR904GDZH8 CR904GDZH8 CR1404GDZH8	CR904GDZH8 CR1154GDZH8 CR1404GDZH8	CR904GDZH8 CR1304GDZH8 CR1404GDZH8	CR904GDZH8 CR1404GDZH8 CR1404GDZH8	CR1154GDZH8 CR1404GDZH8 CR1404GDZH8	CR1304GDZH8 CR1404GDZH8 CR1404GDZH8	CR1404GDZH8 CR1404GDZH8 CR1404GDZH8		
Powersupply		380/400/415V-3phase/50Hz										380/400/415V-3phase/50Hz													
Capacity	Cooling	(kW)	22.4	28.0	33.5	40.0	45.0	50.4	56.0	61.5	68.0		73.0	78.5	85.0	90.0	96.0	101.0	107.0	113.0	118.0	124.0	130.0	135.0	
	(BTU/h)	76,400	95,500	114,300	136,500	153,600	172,000	191,100	219,900	232,000		249,100	267,900	290,100	307,100	327,600	344,700	363,400	385,600	402,700	421,400	443,600	460,700		
COP	Cooling	(W/W)	3.78	3.45	3.41	3.45	3.38	3.57	3.46	3.44	3.45		3.41	3.40	3.41	3.38	3.45	3.41	3.42	3.42	3.40	3.41	3.40	3.38	
	Heating	(W/W)	4.09	3.95	3.81	3.91	3.79	4.01	3.96	3.88	3.92		3.84	3.80	3.85	3.79	3.93	3.88	3.84	3.88	3.84	3.81	3.83	3.79	
Dimensions (HxWxD)		(mm)	1,887 x 890 x 890 (+60)					1,887 x 1,880 x 890 (+60)					1,887 x 1,880 x 890 (+60)					1,887 x 2,870 x 890 (+60)							
Netweight		(kg)	290	290	290	350	350	580	580	580	640		640	640	700	700	930	930	930	990	990	1,050	1,050		
Electrical ratings	Cooling	Running amperes	(A)	10.0/9.5/9.2	13.7/13.0/12.6	16.6/15.7/15.2	20.0/19.0/18.3	23.0/21.8/21.0	23.8/22.6/21.8	27.3/26.0/25.0	30.2/28.7/27.7	33.6/31.9/30.8		36.5/34.7/33.5	39.4/37.5/36.1	43.0/40.8/39.4	45.9/43.6/42.1	47.5/45.1/43.5	50.5/48.0/46.3	53.0/51.0/49.0	57.0/54.0/52.0	60.0/57.0/55.0	63.0/60.0/58.0	66.0/63.0/60.0	69.0/65.0/63.0
		Powerinput	(kW)	5.93	8.12	9.82	11.6	13.3	14.1	16.2	17.9	19.7		21.4	23.1	24.9	26.6	27.8	29.6	31.3	33.0	34.7	36.4	38.2	39.9
	Heating	Running amperes	(A)	10.3/9.8/9.4	13.5/12.8/12.3	16.6/15.8/15.2	19.9/18.9/18.2	22.8/21.6/20.9	23.8/22.6/21.8	26.8/25.5/24.6	30.0/28.5/27.5	33.3/31.6/30.5		36.2/34.4/33.1	39.3/37.3/36.0	42.6/40.5/39.0	45.6/43.3/41.7	46.9/44.6/43.0	49.7/47.2/45.5	53.0/50.0/48.0	56.0/54.0/52.0	59.0/56.0/54.0	63.0/59.0/57.0	65.0/62.0/60.0	68.0/65.0/63.0
		Powerinput	(kW)	6.11	7.97	9.84	11.5	13.2	14.1	15.9	17.8	19.5		21.2	23.0	24.7	26.4	27.5	29.1	31.0	32.7	34.4	36.2	37.9	39.6
Aircirculation		(m ³ /min)	150	160	180	200	220	150+160	160+160	160+180	160+200		160+220	180+220	200+220	220+220	160+160+200	160+160+220	160+180+220	160+200+220	160+220+220	180+220+220	200+220+220	220+220+220	
Refrigerant amount at shipment		(kg)	12.0	12.0	12.0	15.0	15.0	24.0	24.0	24.0	27.0		27.0	27.0	30.0	30.0	39.0	39.0	39.0	42.0	42.0	42.0	45.0	45.0	
Piping connections	Suction pipe	(mm)	ø19.05	ø22.22	ø25.4	ø25.4	ø28.58	ø28.58	ø28.58	ø28.58	ø28.58		ø31.75	ø31.75	ø31.75	ø31.75	ø31.75	ø38.1	ø38.1	ø38.1	ø38.1	ø38.1	ø38.1	ø38.1	
	Discharge pipe	(mm)	ø15.88	ø19.05	ø19.05	ø22.22	ø22.22	ø22.22	ø22.22	ø25.4	ø25.4		ø25.4	ø28.58	ø28.58	ø28.58	ø28.58	ø28.58	ø31.75	ø31.75	ø31.75	ø31.75	ø31.75	ø31.75	
	Liquid pipe	(mm)	ø9.52	ø9.52	ø12.7	ø12.7	ø15.88	ø15.88	ø15.88	ø15.88	ø15.88		ø19.05	ø19.05	ø19.05	ø19.05	ø19.05	ø19.05	ø19.05	ø19.05	ø19.05	ø19.05	ø19.05	ø19.05	
	Balance pipe	(mm)	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52		ø9.52	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52	ø9.52	
Ambient temperature operating range			Cooling/Dry: -10C~+43C (DB), Heating: -20C~+15C (WB) Simultaneous operation: -10C~+43C (DB)										Cooling/Dry: -10C~+43C (DB), Heating: -20C~+15C (WB) Simultaneous operation: -10C~+24C (DB)												
Operating sound	Normal mode	dB(A)	54.5	55	56	60	61	58	58	58.5	61.5		62	62.5	63.5	64	62.5	63	63	64.5	64.5	65	65.5	66	
	Silent mode	dB(A)	51.5	52	53	57	58	55	55	55.5	58.5		59	59.5	60.5	61	59.5	60	60	61.5	61.5	62	62.5	63	

Note: Rated conditions Cooling: indoor air temperature 27C CB/19C WB, outdoor air temperature 35C DB
Heating: indoor air temperature 20C DB, outdoor air temperature 7C DB/6C WB

These specifications are tentative and subject to change without notice.

* For mixed heating and cooling operation with an outdoor temperature in excess of 24C DB, please use 50% or more of the horsepower of the outdoor unit for cooling operation.