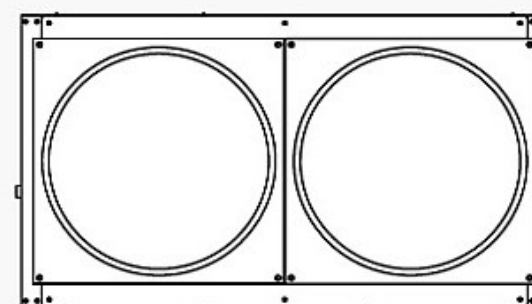
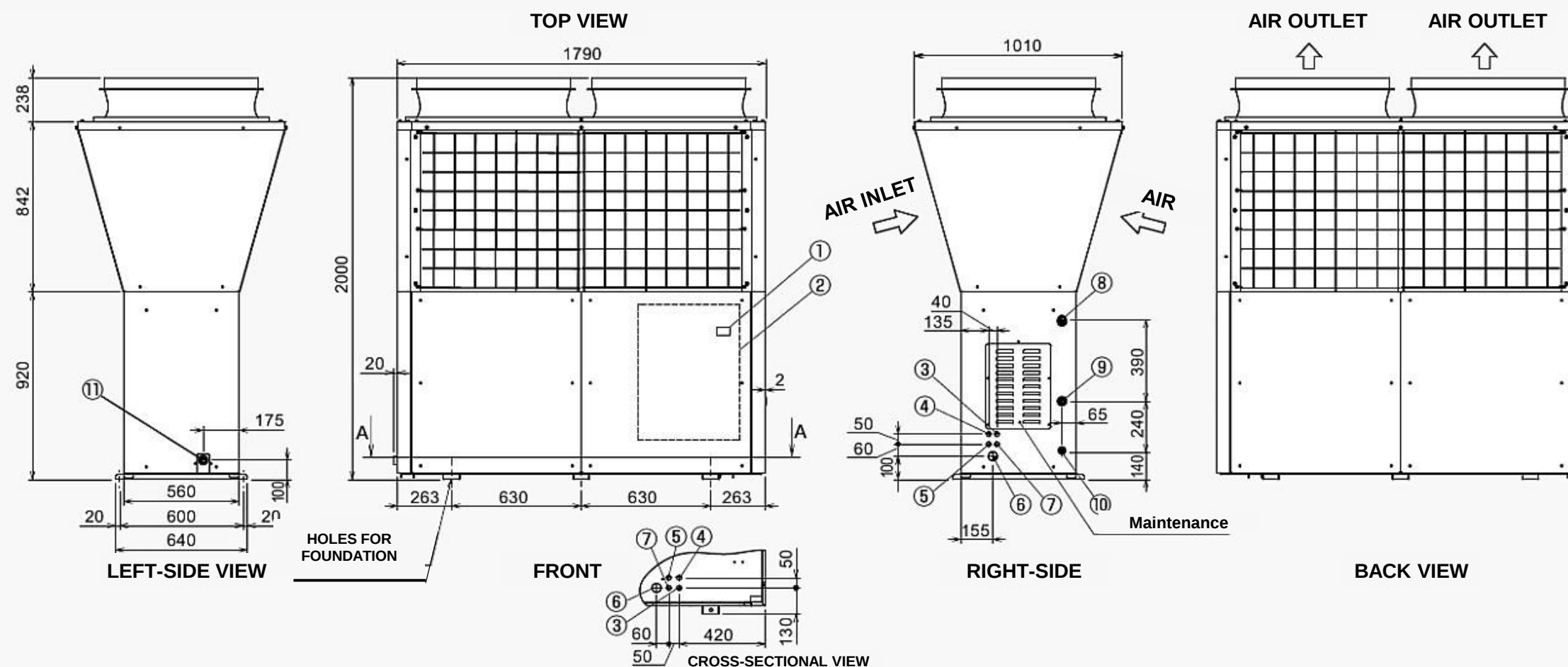


①	Operation display inspection window	
②	Control panel position	
③	External signal connection port	Φ22hole
④	Remote control connection port	Φ22hole
⑤	Operating wiring connection	Φ22hole
⑥	Power supply inlet	Φ44hole
⑦	Distant control panel connection port	Φ22hole
⑧	Hot water outlet	25A CAC406
⑨	Water supply inlet	25A CAC406
⑩	In-unit water outlet	Rc3/4 20A CAC406
⑪	Air heat exchanger Room drain	Rc1 25A CAC406

Product weight 690 kg
Operating mass 710 kg



TOP VIEW



CHP-80Y2 SPECIFICATION SHEET

Temperature DB/WB			℃	7 / 6	16 / 12	25 / 21	2 / 1	-7 / -8	
p e r f o r m a n c e	Constant supply hot water at 65℃	Heating ability	kW	61.1	65.6	65	54.8	50.1	
		Storage capacity	L/h	938	1175	1392	785	718	
		Supply water →Hot water	℃	9 ⇒ 65	17 ⇒ 65	24 ⇒ 65	5 ⇒ 65	5 ⇒ 65	
		Power consumption	kW	16.1	16.1	14.9	18.5	18.8	
		COP		3.80	4.07	4.36	2.96	2.66	
		Annual heating efficiency		3.9					
		Annual heating efficiency in cold district		3.4					
	Constant supply hot water at 90℃	Heating ability	kW	58.9	63.9	62.7	52.7	53.9	
		Storage capacity	L/h	625	752	817	533	545	
		Supply water →Hot water	℃	9 ⇒ 90	17 ⇒ 90	24 ⇒ 90	5 ⇒ 90	5 ⇒ 90	
		Power consumption	kW	18.3	19.3	17.8	20.9	21.1	
		COP		3.22	3.31	3.52	2.52	2.55	
	Thermal insulating performance	Heating ability	kW	34	30.4	31.2	32.5	27.2	
		Storage capacity	L/h	1,800	1,800	1,800	1,800	1,800	
		Supply water →Hot water	℃	60 ⇒ 76	60 ⇒ 75	60 ⇒ 75	60 ⇒ 76	60 ⇒ 73	
		Power consumption	kW	19.8	15.7	15.5	19.5	19.2	
		COP		1.72	1.94	2.01	1.67	1.42	
Supply hot water temperature range			℃	60 ~ 90					
Power source				3φ380V 50/60Hz					
Maximum current			A	51					
Design pressure at refrigerant side			Mpa	Low pressure side 7.5 / High pressure side 14					
Paint color				Ivory white(Munsell code: 2.5Y 8/1)					
Dimensions (Height×Width×Depth)			mm	2000×1790×1010					
Product mass/Operating weight			kg	690/710					
Compressor	Type		Semi-hermetic reciprocating compressor						
	Motor type		Inverter drive three-phase induction motor						
	Rated output	kW	15.8						
Refrigerant/filling volume			kg	C O 2 / 11.3					
Refrigerating capacity per day			Ton	9.6					
Ambient temperature range			℃	General -5~43 / Cold -15~43 / Frozen -20~43					
Operation sound (mid season)			dB	60					
Crankcase heater			W	140					
Fan			W	Propeller fan (300W×2)					
Pump			W	Seal-less, DC282V - 140W					
Air-heat exchanger				Forced cooling cross fin					
Supply hot water heat exchanger				Forced circulation type double tube					
Saftey device				High pressure switch / High·low pressure sensor /Compressor overheat cut out device Compressor pressure relief valve /Over current relay(fan) / Over current protection					
Piping connection (female screw)	Supply water inlet Suppy hot water outlet		Rc1 (25A)						
	Air heat exchanger (room drain outlet)		Rc1 (25A)						
	Drain outlet		Rc3/4 (20A) plug seal (SUS304)]						
Accessory				Remote controller					