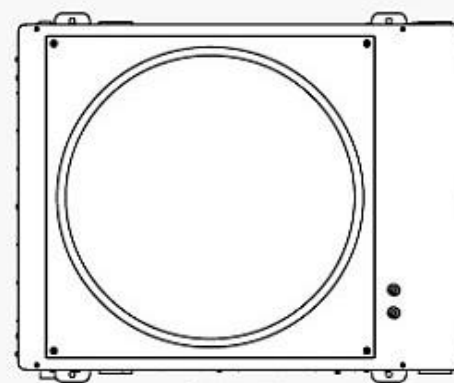
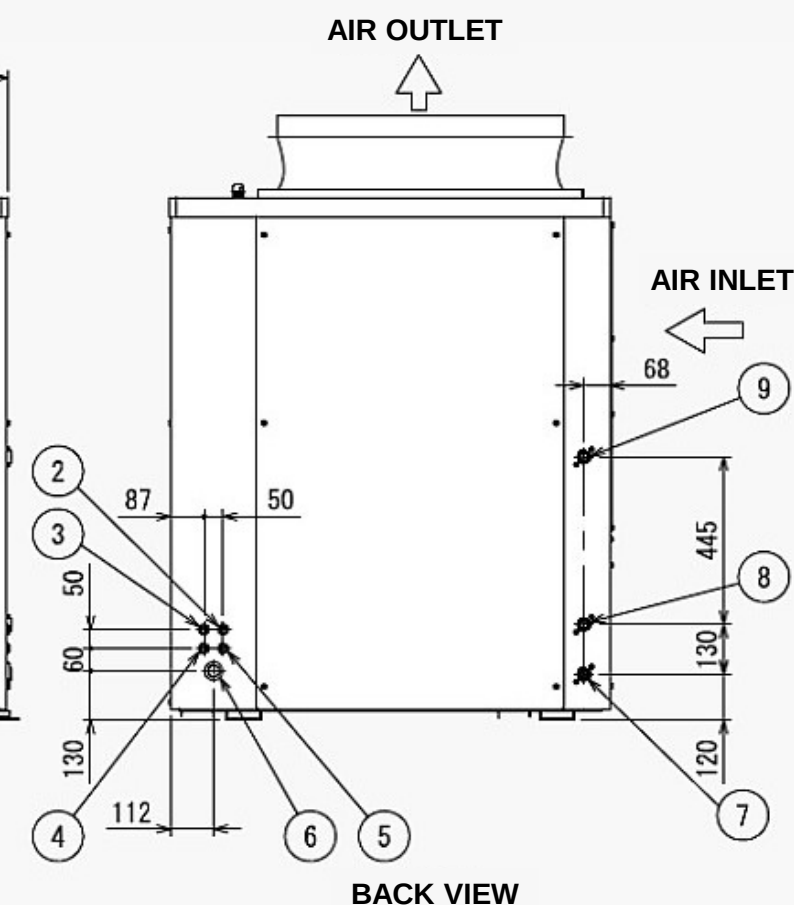
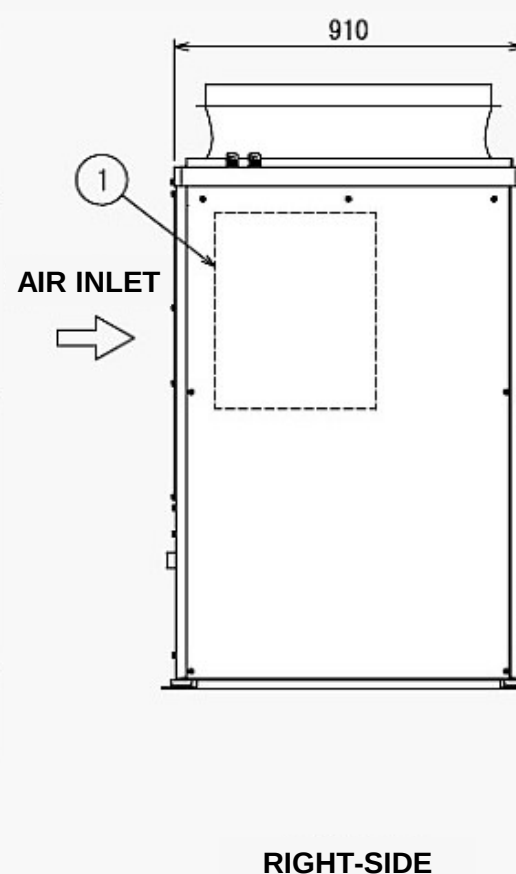
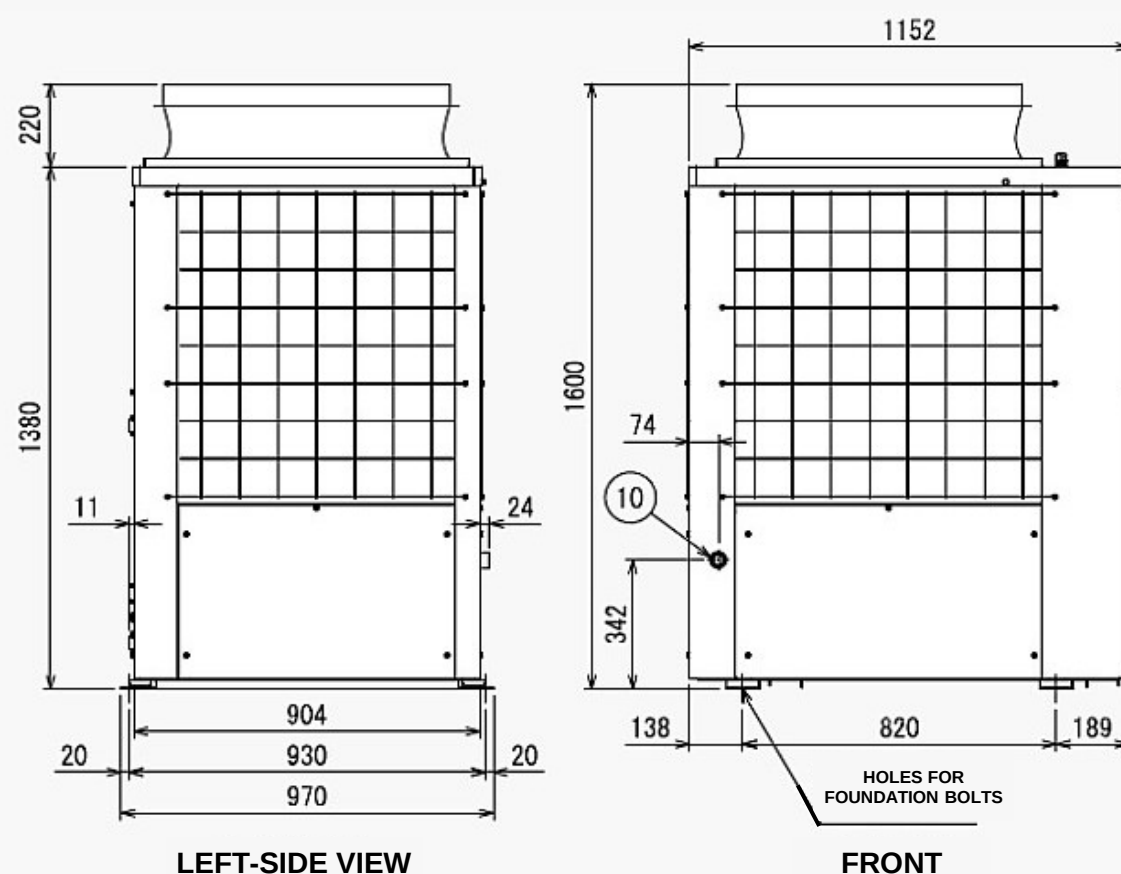


①	Control board	
②	External signal connection port	Φ22hole
③	Remote control connection port	Φ22hole
④	Operating wiring connection	Φ22hole
⑤	Distant control panel connection port	Φ22hole
⑥	Power supply inlet	Φ44hole
⑦	In-unit water outlet	Rc3/4 20A
⑧	Water supply inlet	Rc3/4 20A
⑨	Hot water outlet	Rc3/4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

Product weight 530 kg
Operating mass 535 kg



TOP VIEW



CHP-35H 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	36.5	35.5	36.5	31.5	30	
		Storage capacity	L/h	560	636	765	451	430	
		Supply water →Hot water	℃	9 ⇒ 65	17 ⇒ 65	24 ⇒ 65	5 ⇒ 65	5 ⇒ 65	
		Power consumption	kW	9.67	8.95	8.13	12.3	13	
		COP		3.77	3.97	4.49	2.56	2.31	
		Annual heating efficiency		3.7					
		Annual heating efficiency in cold district		3.1					
	Constant supply hot water at 90℃	Heating ability	kW	35.5	35.5	36.5	31.5	30.5	
		Storage capacity	L/h	376	418	475	318	308	
		Supply water →Hot water	℃	9 ⇒ 90	17 ⇒ 90	24 ⇒ 90	5 ⇒ 90	5 ⇒ 90	
		Power consumption	kW	11.3	11.0	10.4	13.8	15.1	
		COP		3.14	3.23	3.51	2.28	2.02	
	Thermal insulating performance	Heating ability	kW	20.5	19.0	18.0	21.0	16.5	
		Storage capacity	L/h	1,080	1,080	1,080	1,080	1,080	
		Supply water →Hot water	℃	60 ⇒ 76	60 ⇒ 75	60 ⇒ 75	60 ⇒ 76	60 ⇒ 73	
		Power consumption	kW	12.4	11.0	9.2	13.6	13.3	
		COP		1.65	1.73	1.95	1.54	1.24	
Supply hot water temperature range			℃	60 ～ 90					
Power source				3φ380V 50／60Hz					
Maximum current			A	40					
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	1618×1152×910					
Product mass／Operating weight			kg	530/535					
Compressor	Type		Semi-hermetic reciprocating compressor						
	Motor type		Inverter drive three-phase induction motor						
	Rated output	kW	11.2						
Refrigerant／filling volume			kg	C O 2 (R744) ／ 7.0					
Refrigerating capacity per day			Ton	7.4					
Ambient temperature range			℃	General・Cold -10～43 ／ Frozen -20～43					
Operation sound (mid / winter season)			dB	66.7 / 68.7					
Crankcase heater			W	140					
Fan			W	Propeller fan (300W)					
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 over heat cut out device Compressor pressure relief valve ／Over current relay(fan) ／ Over current protection (compressor)					
Piping connection (female screw)	Supply water inlet Supply hot water outlet		Rc3/4 (20A)						
	Air heat exchanger (room drain outlet)		Rc1 (25A)						
	Drain outlet		Rc3/4 (20A) plug seal (SUS304)]						
Accessory				Remote controller					