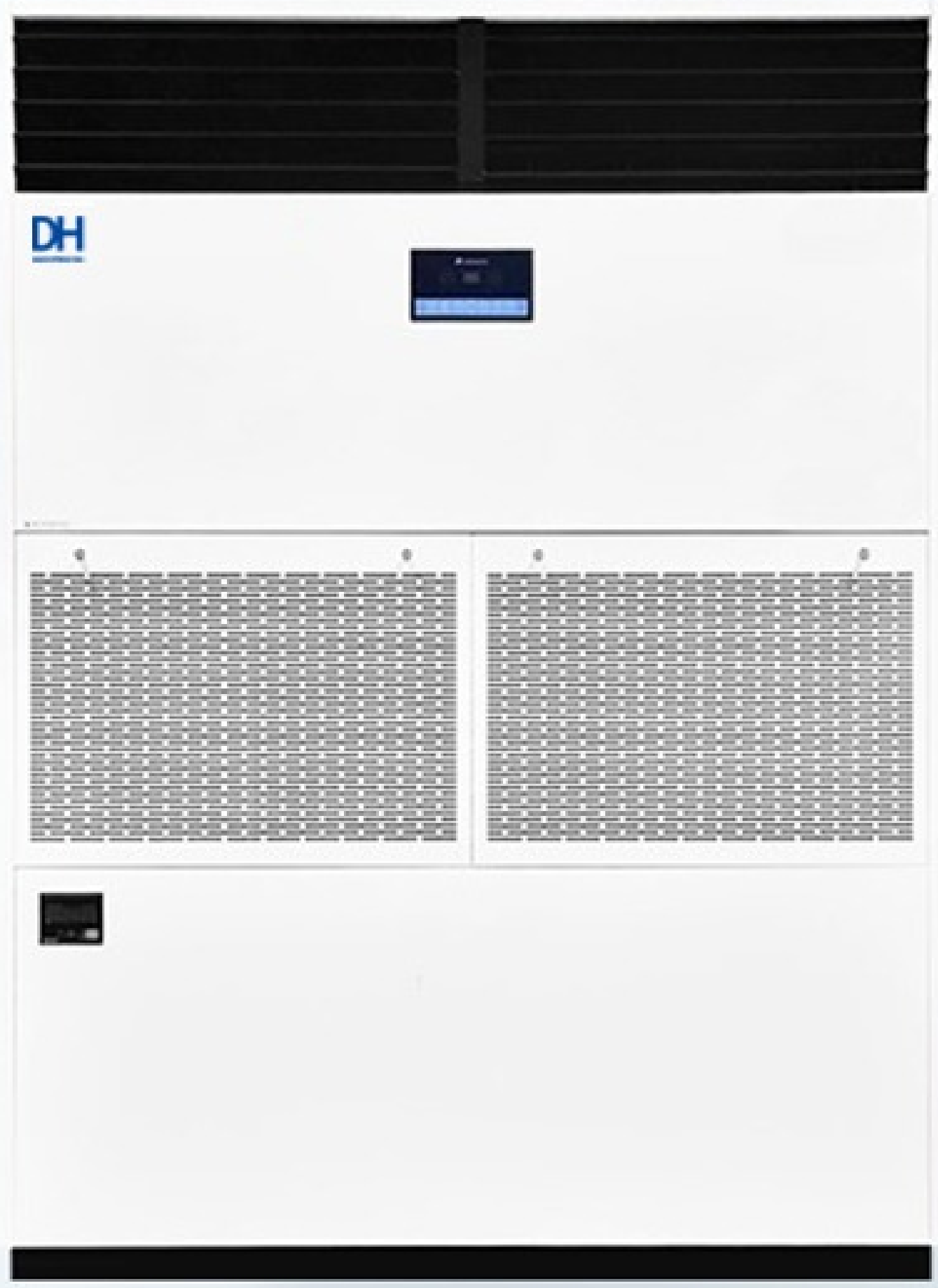
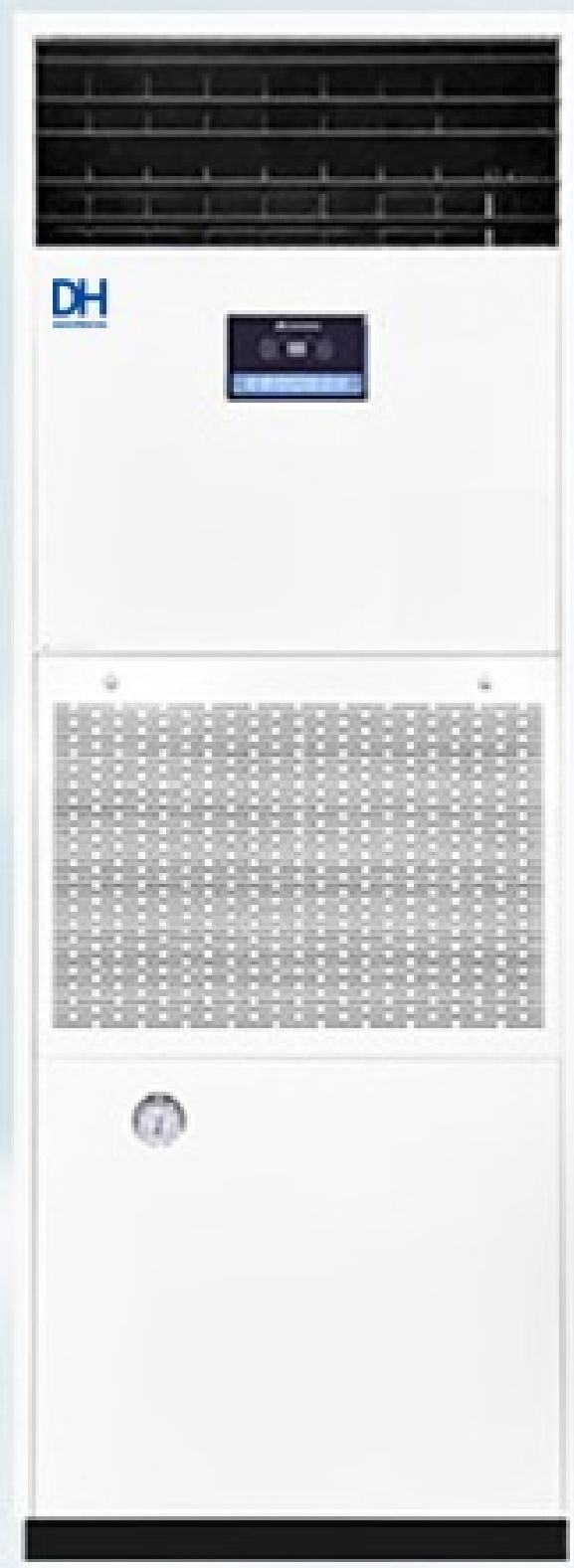
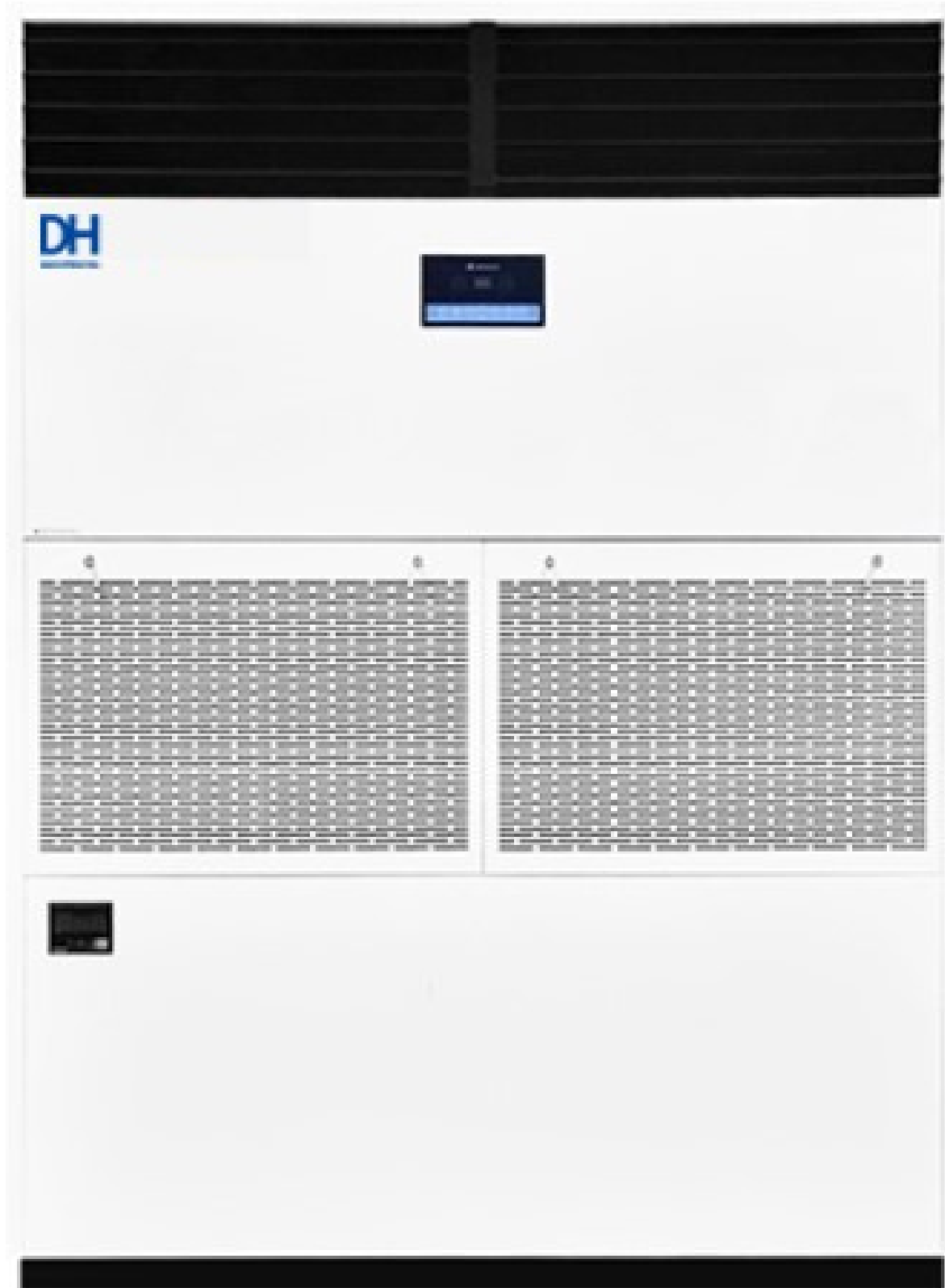
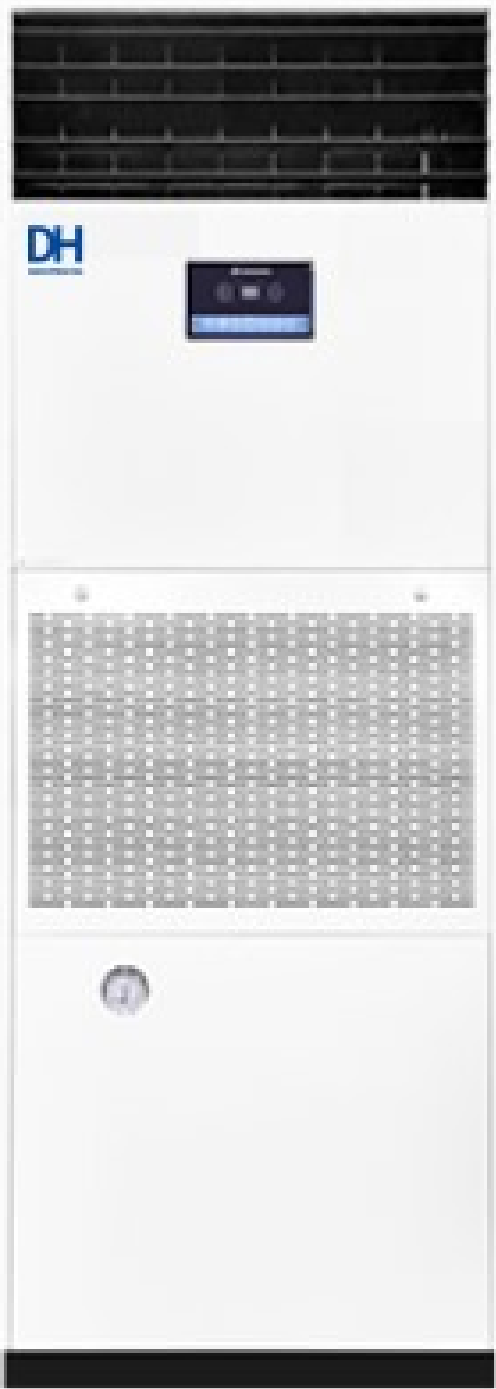






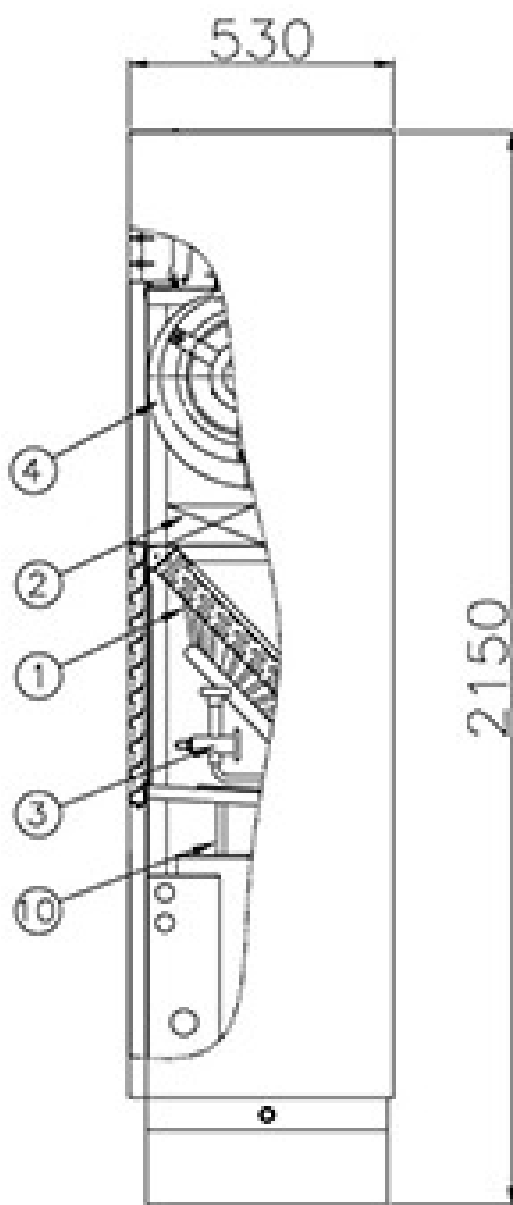
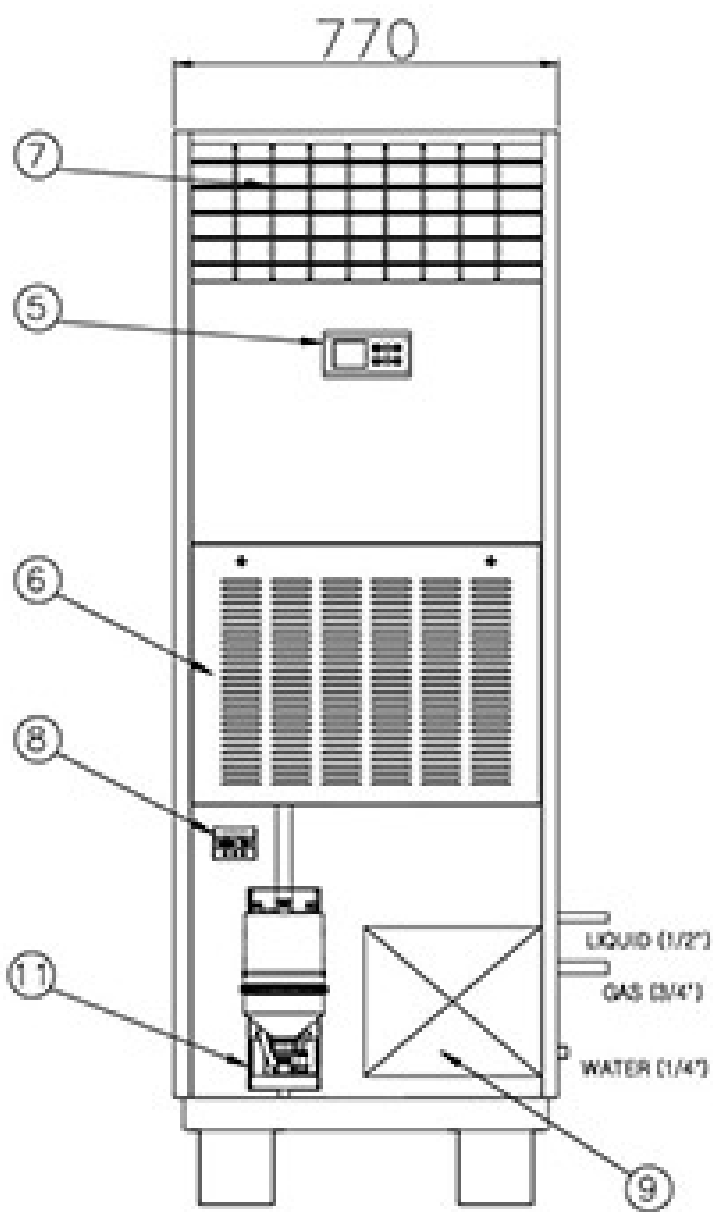
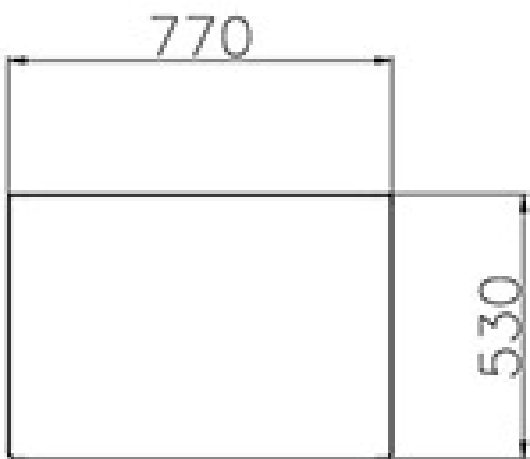
SPECIFICATION SHEET

항온항습기

MODEL			CHT-A025K1	CHT-A045K1	CHT-A065K1	CHT-A090K1	CHT-A135K1	CHT-A175K1	CHT-A333K1	
CYCLE			1CYCLE				2CYCLE			
냉방능력		W	10,000	14,500	21,060	30,000	46,510	58,140	86,000	
재열능력		W	9000 (3kW x 3STEP)	15000 (5kW x 3STEP)	24000 (8kW x 3STEP)	30000 (10kW x 3STEP)	40000 (13.3kW x 3STEP)	50000 (16.6kW x 3STEP)	60000 (20kW x 3STEP)	
가습능력		kg/h	6	8	10	10	15	15	36	
실 내 기	높이(H)		mm	2,150	2,150	2,150	2,150	2,360	2,360	2,740
	폭(W)		mm	770	770	1,120	1,470	1,600	1,800	2,200
	깊이(D)		mm	530	530	530	530	750	750	965
	제품중량		kg	140	145	200	230	370	420	620
	송 풍 기	전동기 출력	kW	0.5	0.5	0.5 x 2	0.5 x 2	1.1 x 2	1.5 x 2	2.2 x 2
		풍량	m³/min	35	45	80	100	130	180	260
실 외 기	모 델 명		CA-R030	CA-R050	CA-R075	CA-R100	CA-R075 x 2	CA-R100 x 2	CA-R150 x 2	
	높이(H)		mm	860		860		860		1,013
	폭(W)		mm	970		1320		1320		1,650
	깊이(D)		mm	630		750		750		850
	제품중량		kg	130	140	160	190	160	190	270
	전동기 출력		kW	0.1 x 2	0.1 x 2	0.4 x 2	0.4 x 2	0.4 x 2	0.4 x 2	0.75 x 2
	풍 량		m³/min	70	90	160	180	160	180	270
압 축 기	메이커		Panasonic	Panasonic	Panasonic	Panasonic	Panasonic	Panasonic	DANFOSS	
	모델명		C-SB263H9B	C-SB353H9A	C-SBR235H39B	C-SC673H9H	C-SBR235H39B x 2	C-SC673H9H x 2	SM161-9 x 2	
	토출량	m³/h	10.4	16.02	23.1	30.8	23.1 x 2	30.8 x 2	45.5 x 2	
	HP		3	5	8	10	8 x 2	10 x 2	15 x 2	
전 원		ø,V,Hz	440V 60Hz							
냉매제어방식		TYPE	온도감온식 팽창밸브							
소비전력		kW	14.5	22	34.7	43.2	61.8	78.4	103	
운전전류		A	24.58	37.24	59.64	74.24	106.50	135.18	178.16	
사 용 환 경			실내조건 : 25 ±2℃ DB, 55 ±5% RH, 실외온도 : 35℃							
컨 트 롤	DISPLAY 및 MAIN PCB		DDC Controller / MICOM Display / Digital Pressure Gauge							
	기 능		항온, 항습, 송풍, 유선 원격제어 기능, 자가진단, 정전보상							
냉 매		-	R-407c							
기본냉매량		kg	3	4	6.5	8	6.5 x 2	8 x 2	12 x 2	
냉매 배관 구경	가스관	-	3/4"	3/4"	7/8"	1"	7/8" x 2	1" x 2	1 3/8" x 2	
	액관	-	1/2"	1/2"	5/8"	5/8"	5/8" x 2	5/8" x 2	7/8" x 2	
드레인		-	25A							

* 표준 사용환경을 벗어난 범위에서 사용하는 경우, 실제 능력은 표기된 능력과 달라질 수 있습니다. 표준 사용환경과 차이가 발생하는 경우 별도 협의 바랍니다.

관리번호 : SGI-CHTK-20251119

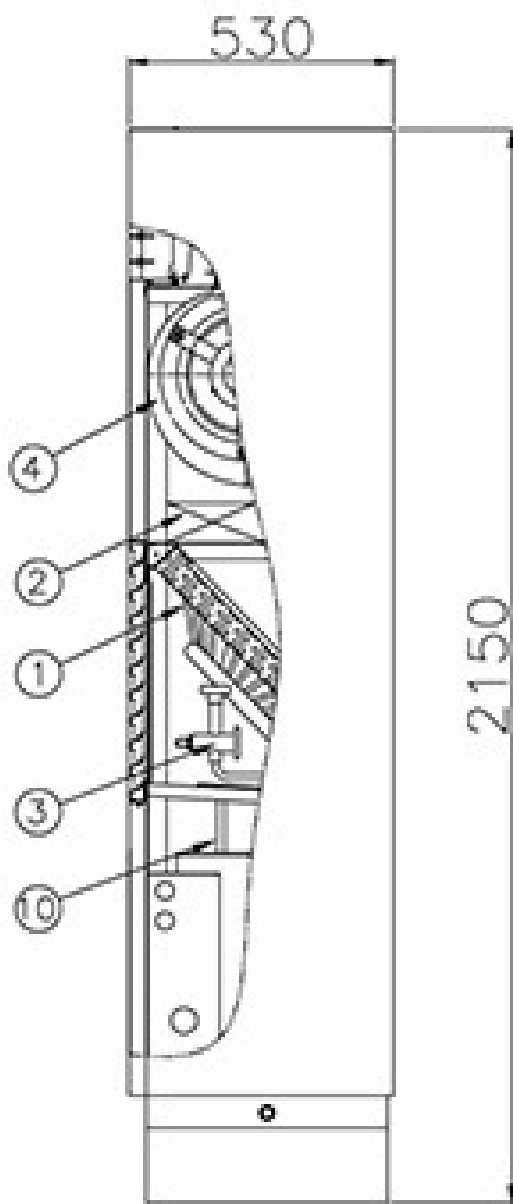
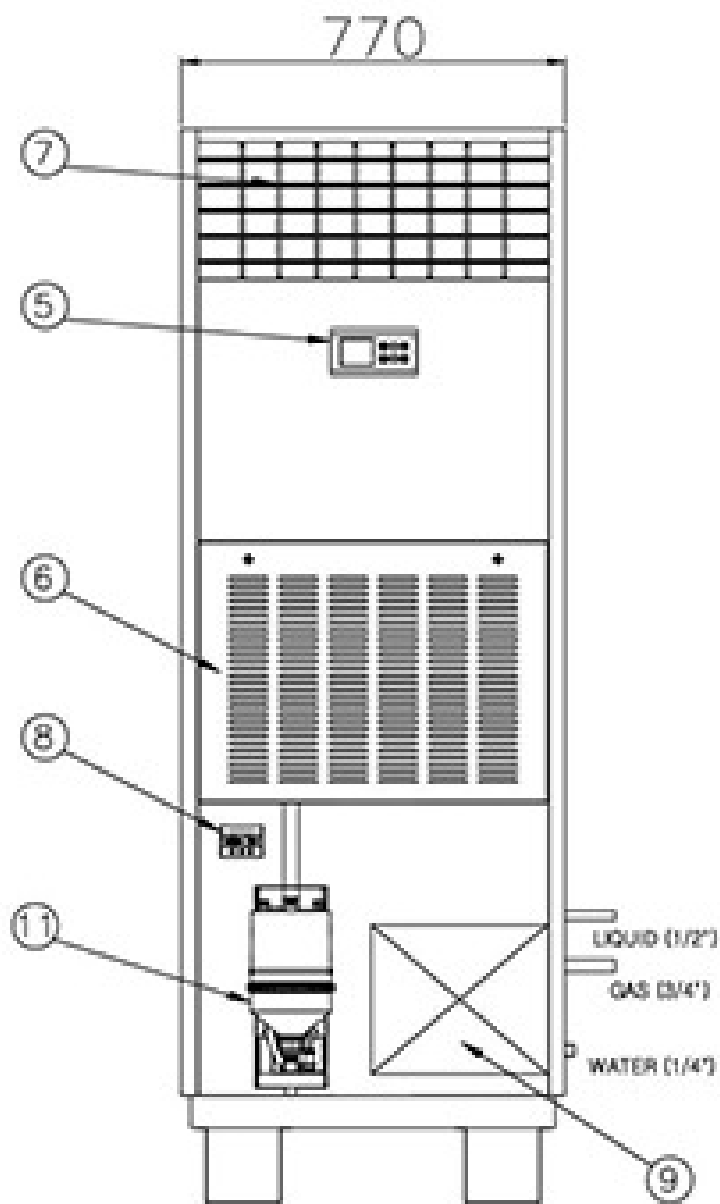
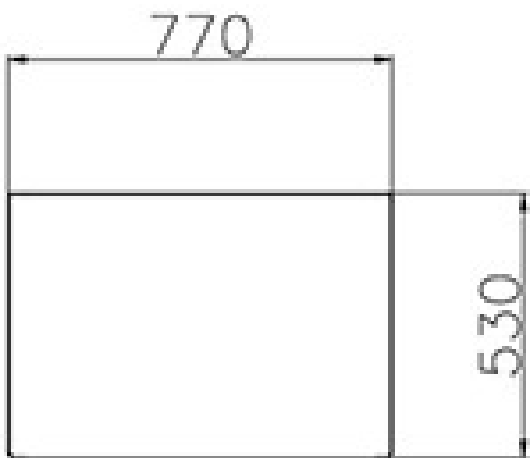


C		B		A		MARK	REVISION RECORD		DATE	REVISED	APPRO.
							HT-0025K1				
SP.	CH.	SP.	CH.	SP.	CH.	PARTS NO.	PARTS NAME	MATERIAL	TREAT	DIMENSION	WEIGHT
						1 01	EVAPORATOR			ASS'Y	
						1 02	REHEATING COIL			ELECTRIC HEATING COIL	
						1 03	EXPANSION VALVE			TGEX 3TR or EQUI.	
						1 04	BLOWER ASSY			SF10500 0.5KW 6P	
						1 05	DISPLAY			ASS'Y	
						1 06	SUCTION COVER			ASS'Y	
						1 07	DISCHARGE GRILL			ASS'Y	
						1 08	DIGIPRESSURE			HIGH/LOW PRES. & GAUGE	
						1 09	CONTROL BOX			ASS'Y	
						1 10	RECEIVER TANK			RCV-0.5	
						1 11	HUMIDIFIER			CH008 or EQUI.	

• SPECIFICATIONS •

ITEM		UNIT	MODEL	CHT-A025K1
냉장능력		W		10,000
재열능력		W		9,000(3kW x 3STEP = 9kW)
MAIN POWER				3-Ph 220/380/440 V 60 Hz
거습기	TYPE			전국형식
	거습량(kg/h)			6
풍량	CMM			35
소비전력	KW			14.5
안전전류	A			42.45/24.58/21.23
SIZE	HEIGHT	mm		2,150
	WIDTH	mm		770
	DEPTH	mm		530
	WEIGHT	kg		140
색상				WHITE
안전장치 및 표시사항				고, 저압 프레스 스위치 과전류 및 색상 방지기

TOLERANCES UNLESS OTHERWISE SPECIFIED		PRODUCT NAME				TITLE			
		항온항습기				ASSEMBLY			
		MODEL				(AIR COOLED TYPE)			
		OWN. BY	DESIGNED BY	CHKD. BY	APPRO.	THIRD ANGLE PROJECTION		SCALE 1 :	UNIT : mm
		H.W.JANG	H.W.JANG			REFERENCE			
		2024.08.02	2024.08.02			DRAWING NO.			
		DH (주)대호냉동상사				DRAWING NO.		CHTA025K000101	Rev.
									0

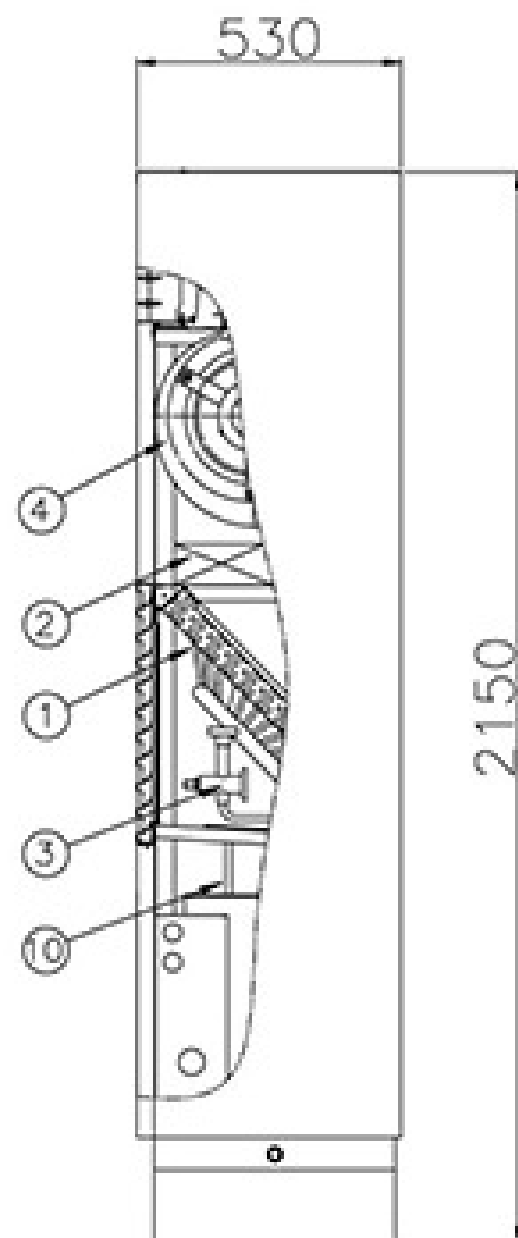
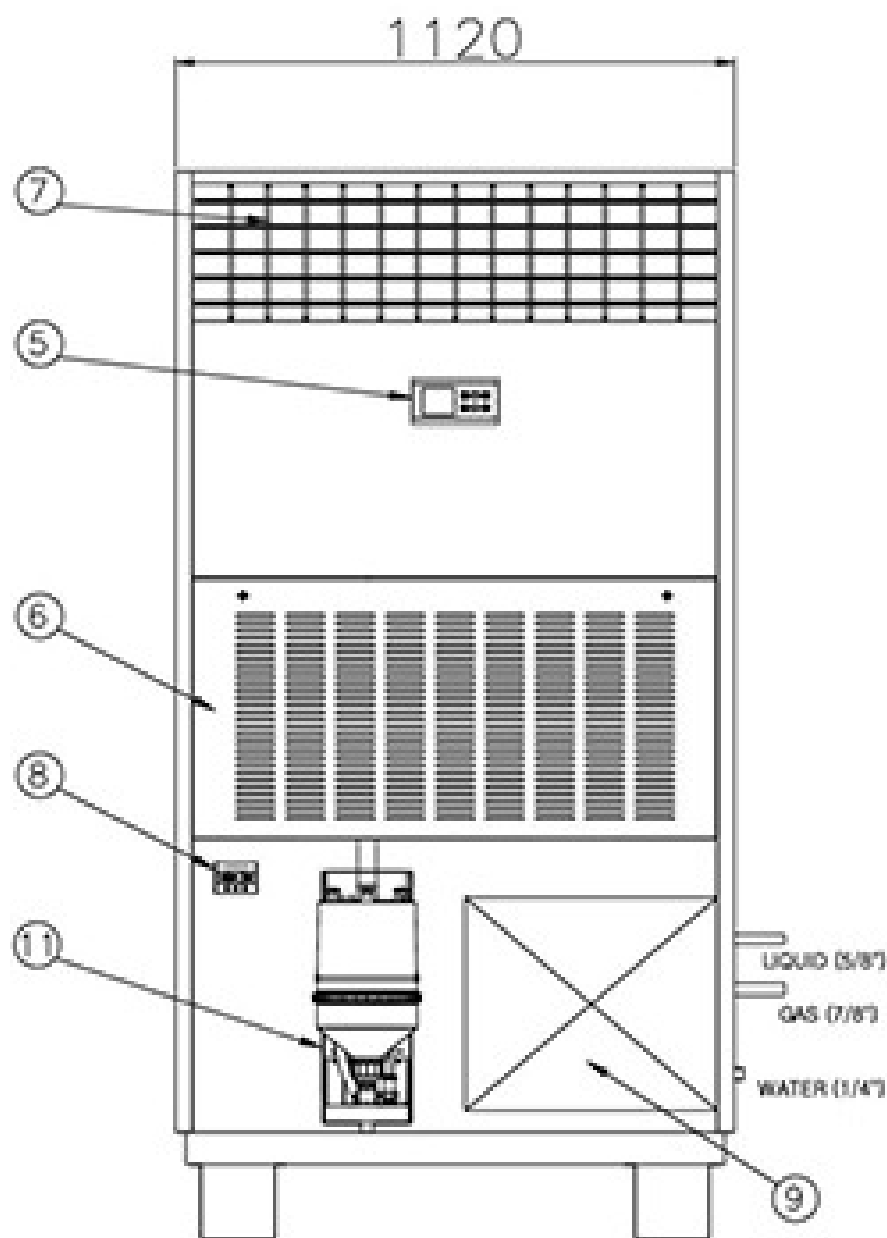
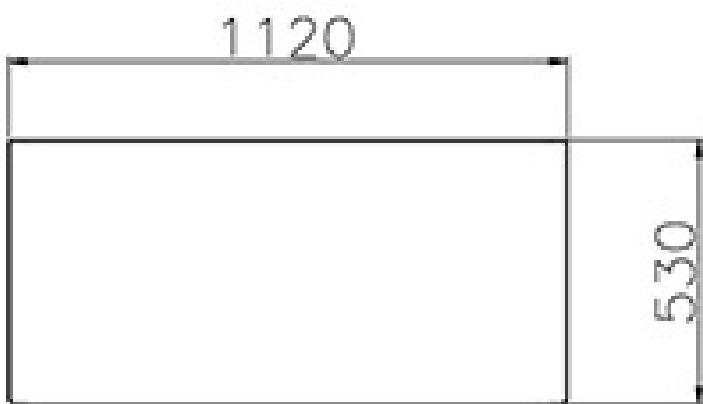


C	B	A	MARK	REVISION RECORD		DATE	REVISED	APPRO.
				NO.	DESCRIPTION			
			△	1	최초 설계	22.02.10	H.W.JANG	
			△	2	수정 사항			
			△	3				
			△	4				
QTY	UNIT	NO.	PARTS NAME	MATERIAL	TREAT	DIMENSION		WEIGHT
						W	H	KG
1	01		EVAPORATOR			ASSY		
1	02		REHEATING COIL			ELECTRIC HEATING COIL		
1	03		EXPANSION VALVE			TGEX 6TR or EQUI.		
1	04		BLOWER ASSY			SF10500 0.5kW 6P		
1	05		DISPLAY			ASSY		
1	06		SUCTION COVER			ASSY		
1	07		DISCHARGE GRILL			ASSY		
1	08		DIGIPRESSURE			HIGH/LOW PRESS. & GAUGE		
1	09		CONTROL BOX			ASSY		
1	10		RECEIVER TANK			RCV-0.5		
1	11		HUMIDIFIER			OH008 or EQUI.		

• SPECIFICATIONS •

MODEL		CHT-A045K1
ITEM	UNIT	
냉장능력	W	14,500
제빙능력	W	15,000(5kW x 3STEP = 15kW)
MAIN POWER		3 Ph 220/380/440 V 60 Hz
거습기	TYPE	전극방식
	거습량(kg/h)	8
용량	CMM	45
소비전력	kW	22
안전전류	A	64.32/37.24/32.16
SIZE	HEIGHT	mm 2,150
	WIDTH	mm 770
	DEPTH	mm 530
	WEIGHT	kg 145
색상		WHITE
안전장치 및 특이사항		고, 저압 프레스 스위치 과전류 및 역상 방지기

TOLERANCES UNLESS OTHERWISE SPECIFIED	PRODUCT NAME				TITLE		
	항온항습기				ASSEMBLY		
	MODEL				(AIR COOLED TYPE)		
	OWN. BY	DESIGNED BY	CHKD. BY	APPRO.	THIRD ANGLE PROJECTION	SCALE 1 : 1	UNIT : mm
	B.H.YANG	B.H.YANG			REFERENCE DRAWING NO.		
	2024.08.02	2024.08.02					
	DH (주)대호냉동상사				DRAWING NO.	CHTA045K000101	Rev. 0



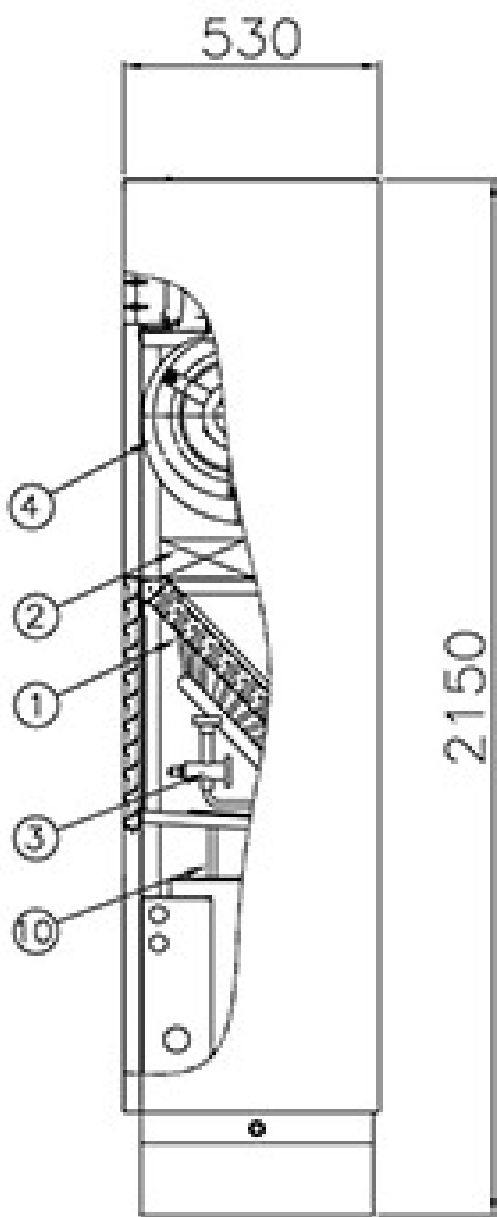
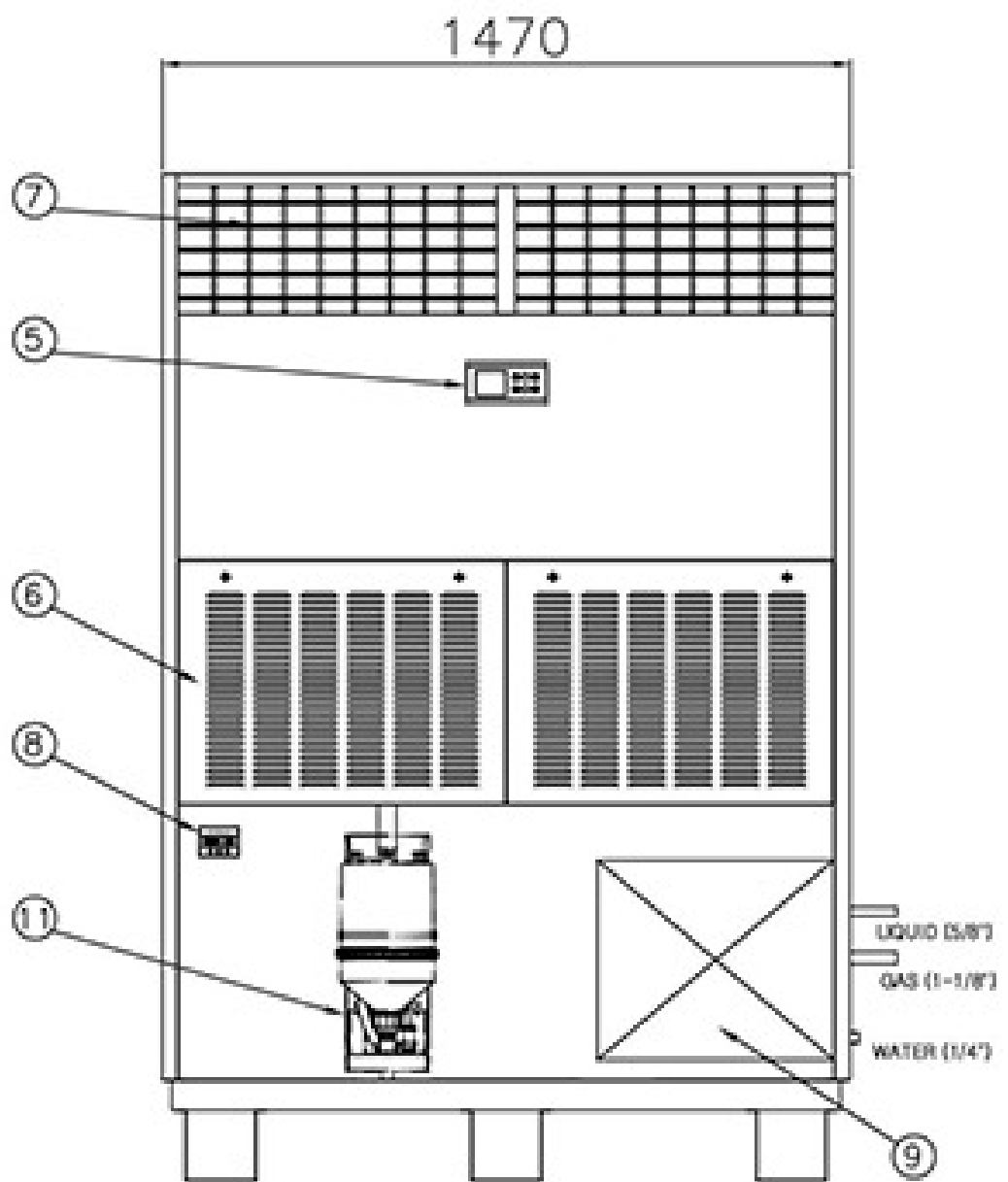
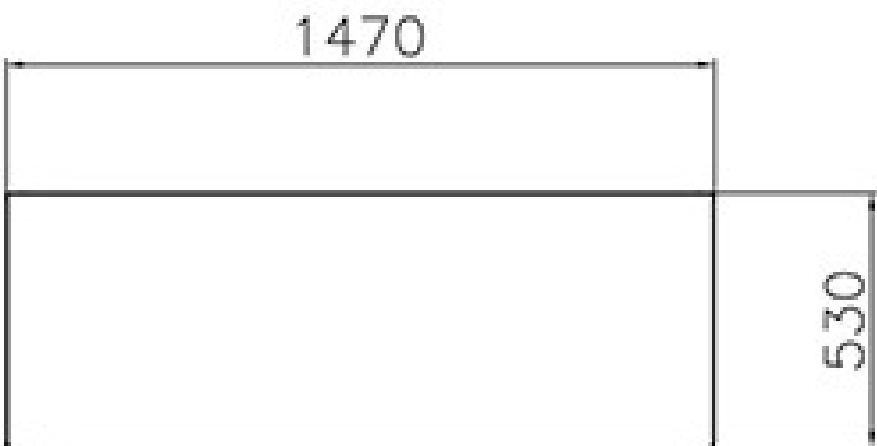
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		CIT-A003K1	△	항온항습기 디자인 및 제품으로 인한 높이 수정사항 적용		22.02.10	H.W.JANG	
			△					
			△					
			△					
REV.	QTY.	REV.	PARTS NO.	PARTS NAME	MATERIAL	TREAT	DIMENSION	WEIGHT WTL FWTL
		1	01	EVAPORATOR			ASSY	
		1	02	REHEATING COIL			ELECTRIC HEATING COIL	
		1	03	EXPANSION VALVE			TGEX 7.5TR or EQUI.	
		2	04	BLOWER ASSY			SF105DD 0.5KW 6P	
		1	05	DISPLAY			ASSY	
		1	06	SUCTION COVER			ASSY	
		1	07	DISCHARGE GRILL			ASSY	
		1	08	DIGIPRESSURE			HIGH/LOW PRESS.	& GAUGE
		1	09	CONTROL BOX			ASSY	
		1	10	RECEIVER TANK			RCV-5	
		1	11	HUMIDIFIER			OH015 or EQUI.	

• SPECIFICATIONS •

ITEM	UNIT	MODEL	CHT-A065K1
냉장능력	W		21,060
냉열능력	W		24,000(8kW x 3STEP = 24kW)
MAIN POWER			3 Ph 220/380/440 V 60 Hz
거습기	TYPE		전극분식
	거습량(kg/h)		10
용량	CMM		80
소비전력	kW		34.7
보전전류	A		103.02/59.64/51.51
SIZE	HEIGHT	mm	2,150
	WIDTH	mm	1,120
	DEPTH	mm	530
	WEIGHT	kg	200
색상			WHITE
안전장치 및 특이사항			고, 저압 프레스 스위치 과전류 및 역상 방지기

TOLERANCES UNLESS OTHERWISE SPECIFIED	PRODUCT NAME 항온항습기				TITLE ASSEMBLY		
	MODEL CHT-A065K1				(AIR COOLED TYPE)		
	OWN. BY	DESIGNED BY	CHKD. BY	APPRO.	THIRD ANGLE PROJECTION	SCALE 1 :	UNIT : mm
	H.W.JANG	H.W.JANG			REFERENCE DRAWING NO.		
	2024.08.02	2024.08.02			DRAWING NO.	CHTA065K000101	Rev. 0

DH (주)대호냉동상사

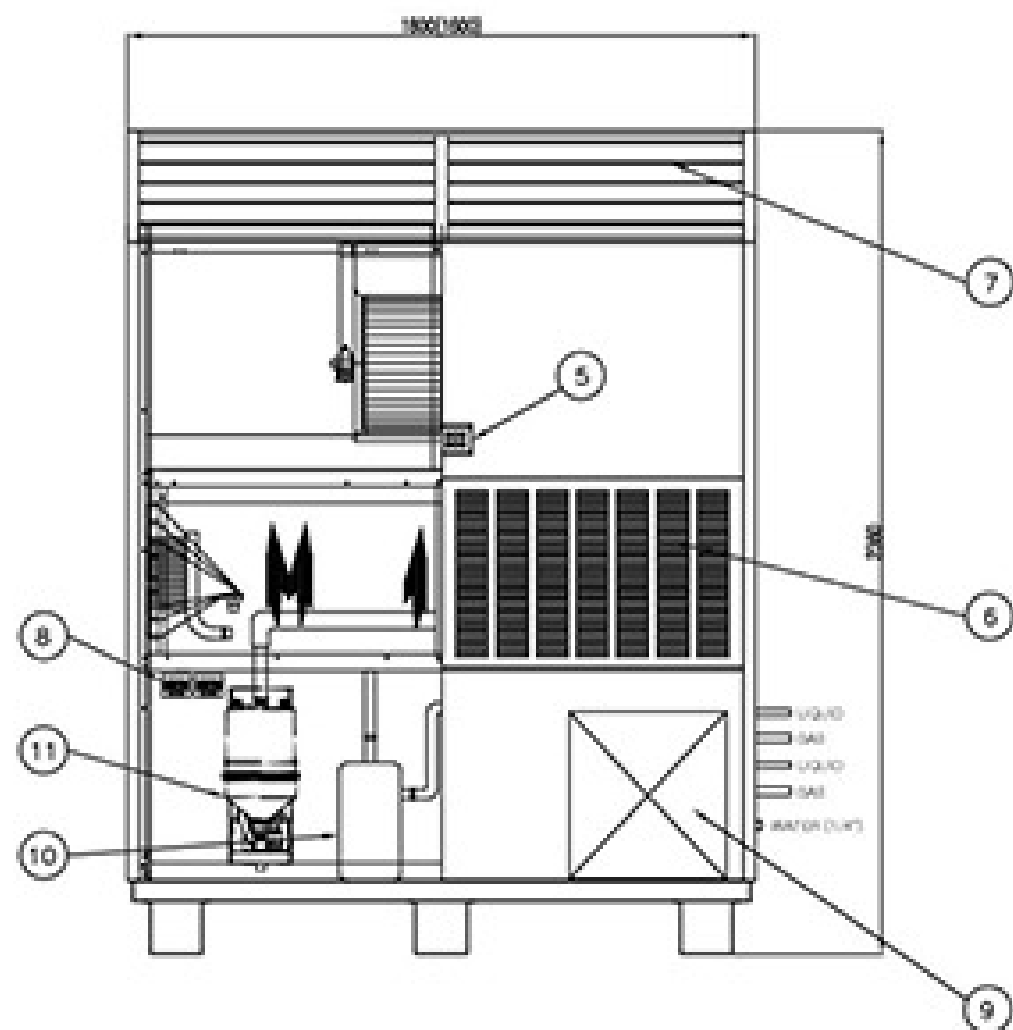


C	B	A	MARK	REVISION RECORD			DATE	REMOVED	APPRO.
		CHT-AS004C	△	항온항습기 (20℃/60%RH)으로 전환 하기 수습사항 기록			22.02.10	H.W.JANG	
			△						
			△						
			△						
QTY	QTY	QTY	PARTS NO.	PARTS NAME	MATERIAL	TREAT	DIMENSION		WEIGHT
		1	01	EVAPORATOR			ASS'Y		
		1	02	REHEATING COIL			ELECTRIC HEATING COIL		
		1	03	EXPANSION VALVE			TGEX 12TR or EQUI.		
		2	04	BLOWER ASSY			SF10500 0.5kW 6P		
		1	05	DISPLAY			ASS'Y		
		1	06	SUCTION COVER			ASS'Y		
		1	07	DISCHARGE GRILL			ASS'Y		
		1	08	DIGIPRESSURE			HIGH/LOW PRES. & GAUGE		
		1	09	CONTROL BOX			ASS'Y		
		1	10	REGENER TANK			RCV-5		
		1	11	HUMIDIFIER			CH015 or EQUI.		

• SPECIFICATIONS •

ITEM	UNIT	MODEL	CHT-A090K1
냉장능력	W		30,000
과열능력	W		30,000(10kW x 3STEP = 30kW)
MAIN POWER			3 Ph 220/380/440 V 60 Hz
거습기	TYPE		권극형식
	거습량(kg/h)		10
용량	CMM		100
소비전력	kW		43.2
운전전류	A		128.24/74.24/64.12
SIZE	HEIGHT	mm	2,150
	WIDTH	mm	1,470
	DEPTH	mm	530
	WEIGHT	kg	230
색상			WHITE
안전장치 및 특이사항			고, 저압 프레스 스위치 과열류 및 역상 방지기

TOLERANCES UNLESS OTHERWISE SPECIFIED				PRODUCT NAME		TITLE		
				항온항습기		ASSEMBLY		
				MODEL		(AIR COOLED TYPE)		
				DRW. BY	DESIGNED BY	CHKD. BY	APPRO.	THIRD ANGLE PROJECTION
				H.W.JANG	H.W.JANG			SCALE 1 : 1
				2024.08.02	2024.08.02			UNIT : mm
				REFERENCE DRAWING NO.				
				DH (주)대호냉동상사				
				DRAWING NO.		CHTA090K000101		Rev.
								0

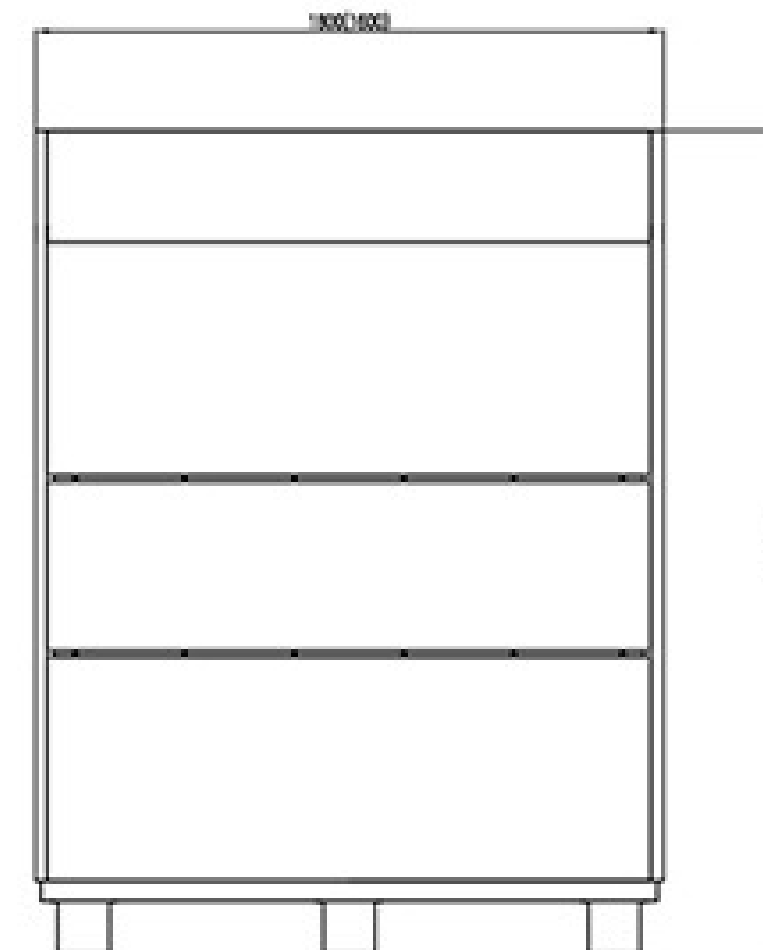
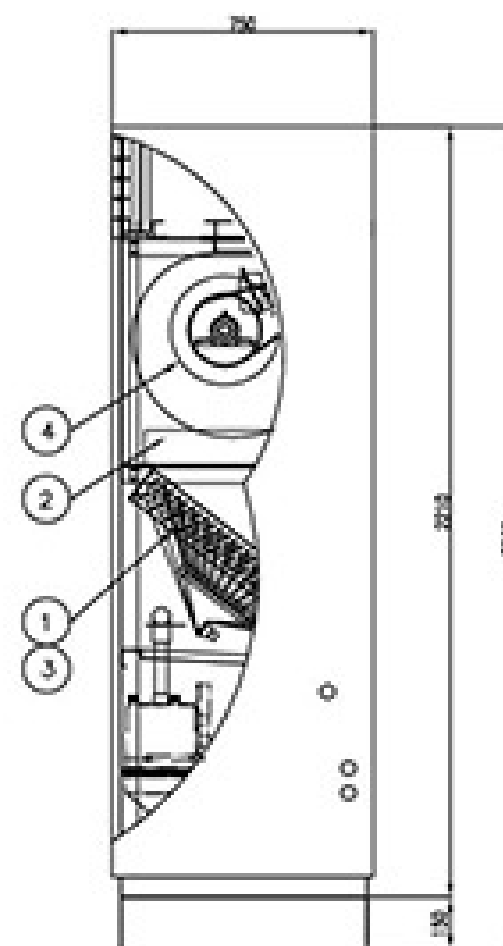


	CP1-A1.750 (2070L6)	CP1-A1.750 (2070L6)
最大通 (Qmax)	3.0ℓ/min	1.0~3.0ℓ/min
吸排 (L/gal)	5/1.3ℓ	5/1.3ℓ

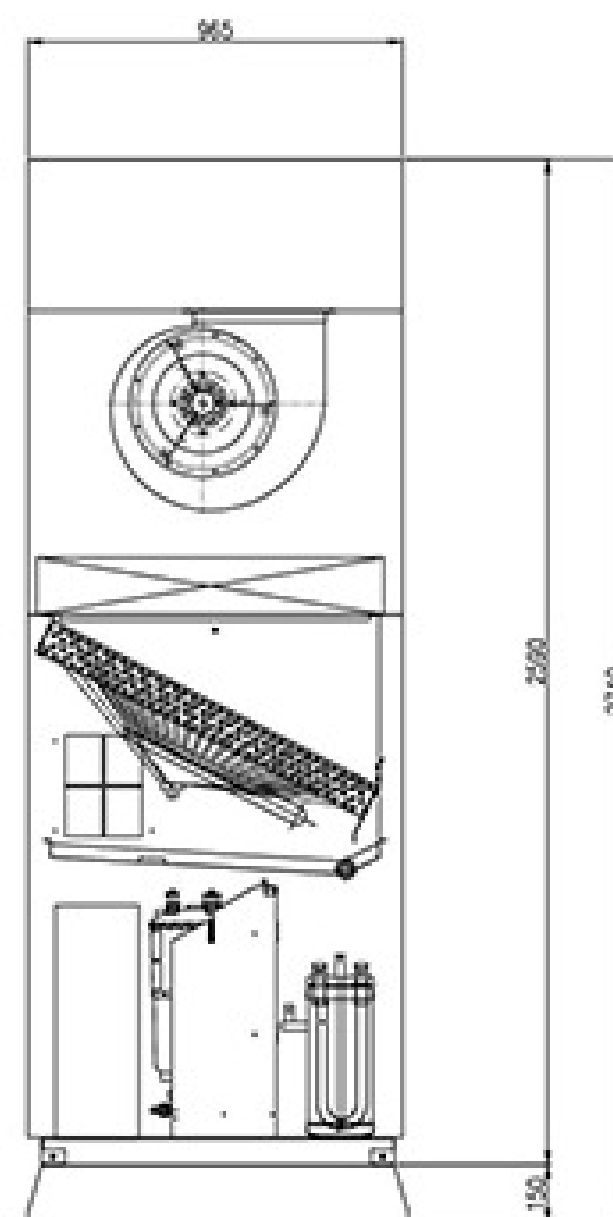
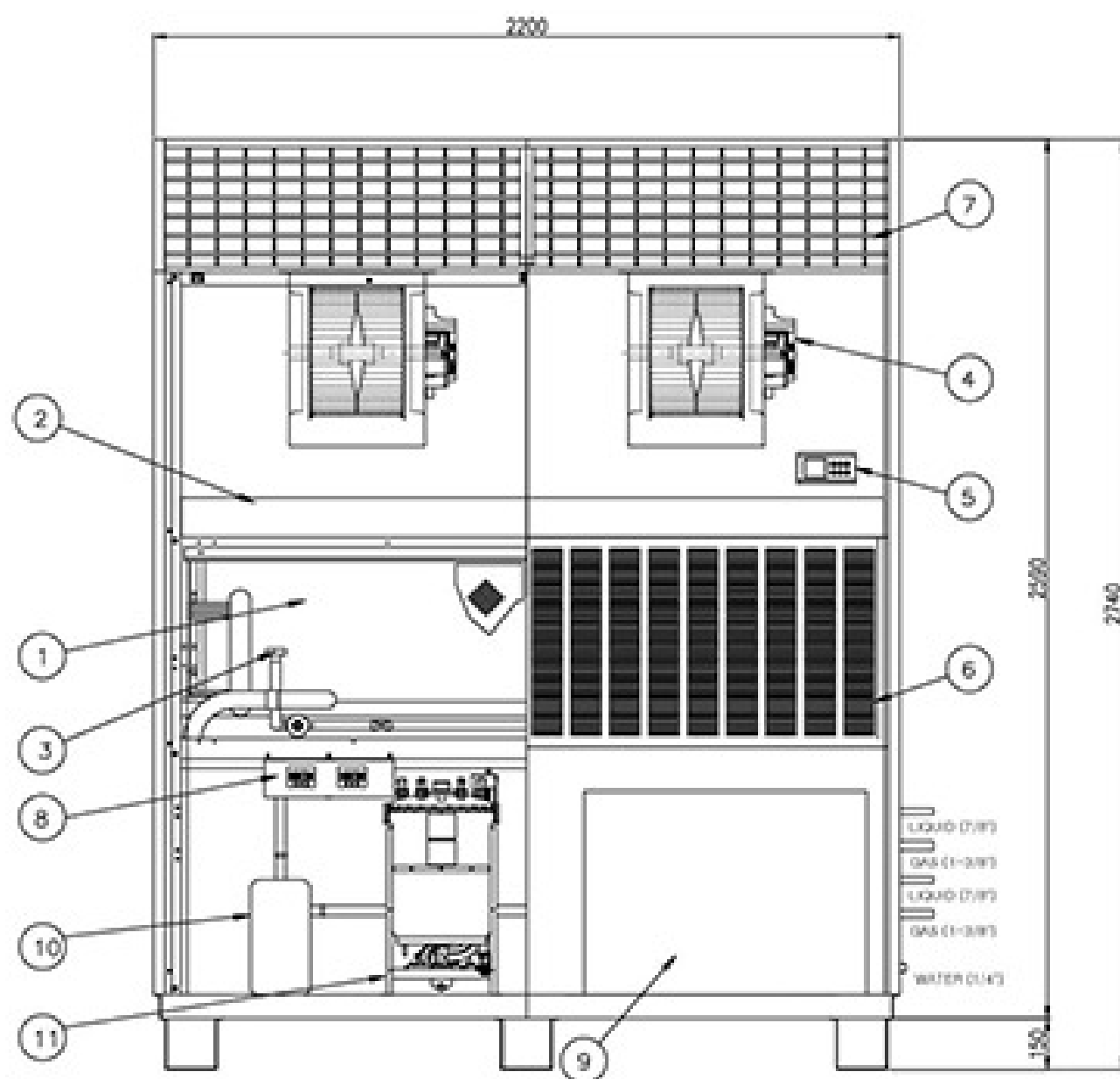
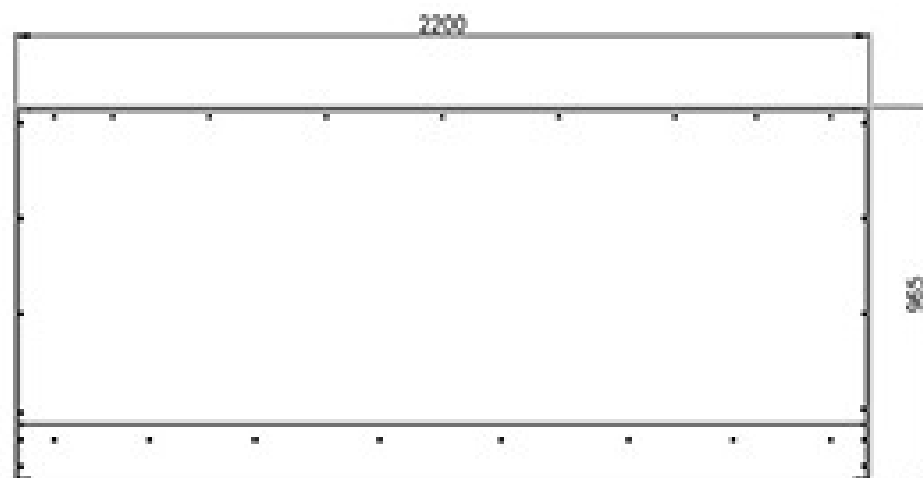
주). 본 도면은 CHT-A175K1기준임. CHT-A135K1은 ()내 치수임.

ITEM \ MODEL		UNIT	CHT-A135K1	CHT-A175K1
냉장능력		W	48,510	58,140
파열능력		W	40,000	50,000
MAX POWER			3 Ph 220/380/440V 60 Hz	3 Ph 220/380/440V 60 Hz
가속기		TYPE	정리/분리식	
		가속량(kg/h)	15	
질량		CM	130	180
소비전력		kw	61.8	78.4
유전전압		A	183.95/108.5/91.97	233.49/135.18/116.74
SIZE	HEIGHT	mm	2,360	2,360
	WIDTH	mm	1,600	1,600
	DEPTH	mm	750	750
	WEIGHT	kg	370	420
색상			WHITE	
안전장치 및 특이사항			고, 저압 모델에 스펙차 고압형 및 액상 탱크기	

Q	A	SN	INSTRON RECORD		DATE	TESTED	APPRO
1	2017-11-15	  	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		2017-11-15	OK	
Q	A	Part No	Part Name	STATUS	TEST	INSTRON	
						OK	NG
1	1	01	EVAPORATOR			ASS'Y	
1	1	02	HEATING COIL			ELECTRIC HEATING COIL	
2	2	03	EXPANSION VALVE			ASS'Y	
2	2	04	BLOWER ASSY			ASS'Y	
1	1	05	DISPLAY & SWITCH			ASS'Y	
2	2	06	SUCTION COVER			ASS'Y	
1	1	07	DISCHARGE GRILL			ASS'Y	
2	2	08	DISPRESSURE			HIGH/LOW PRESS. & GAUGE	
1	1	09	CONTROL BOX			ASS'Y	
2	2	10	RECEIVER TANK			RCV-5	
1	1	11	HUMIDIFIER			CHC15 or EIG10	



TOURNIS UNLESS OTHERWISE SPECIFIED	PRODUCT NAME				TITLE		
	향완형습기						
	MODEL				(2CYCLE)		
	CHT-A135.175K1						
	OWN. BY	DESIGN BY	CHKD. BY	APPR.	THIRD ANGLE PROJECTION	SCALE : N/S	UNIT : mm
H.W./JANG	H.W./JANG			REFERENCE DRAWING NO.			
2024.09.02	2024.09.02						
DH (주)대호냉동상사				DRAWING NO.	CHTA000K000501		Rev.

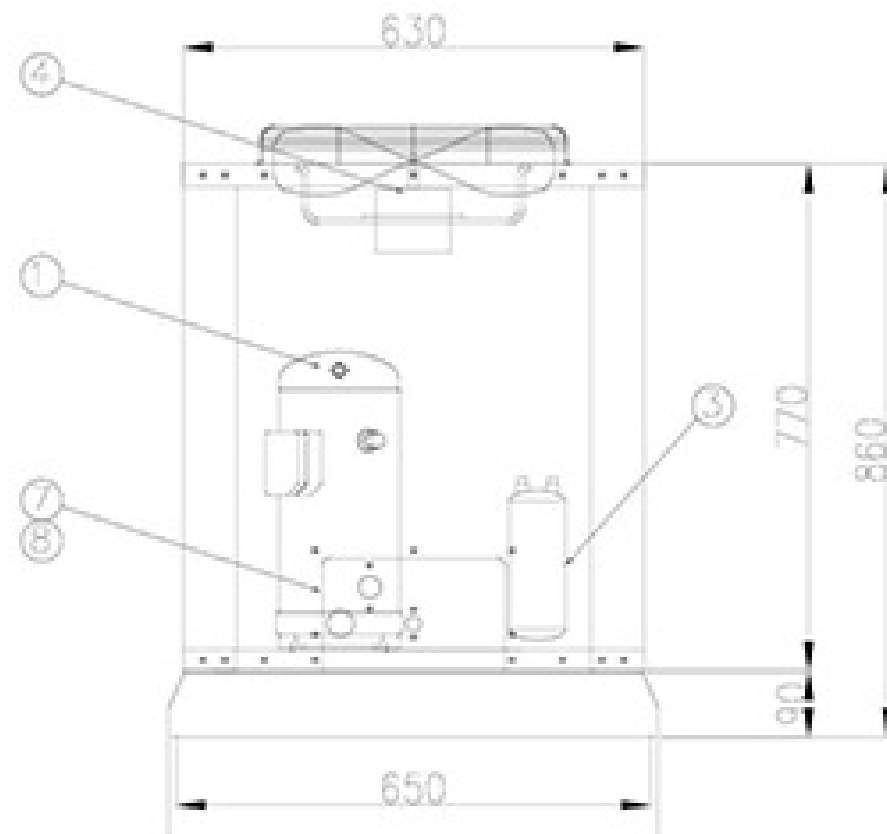
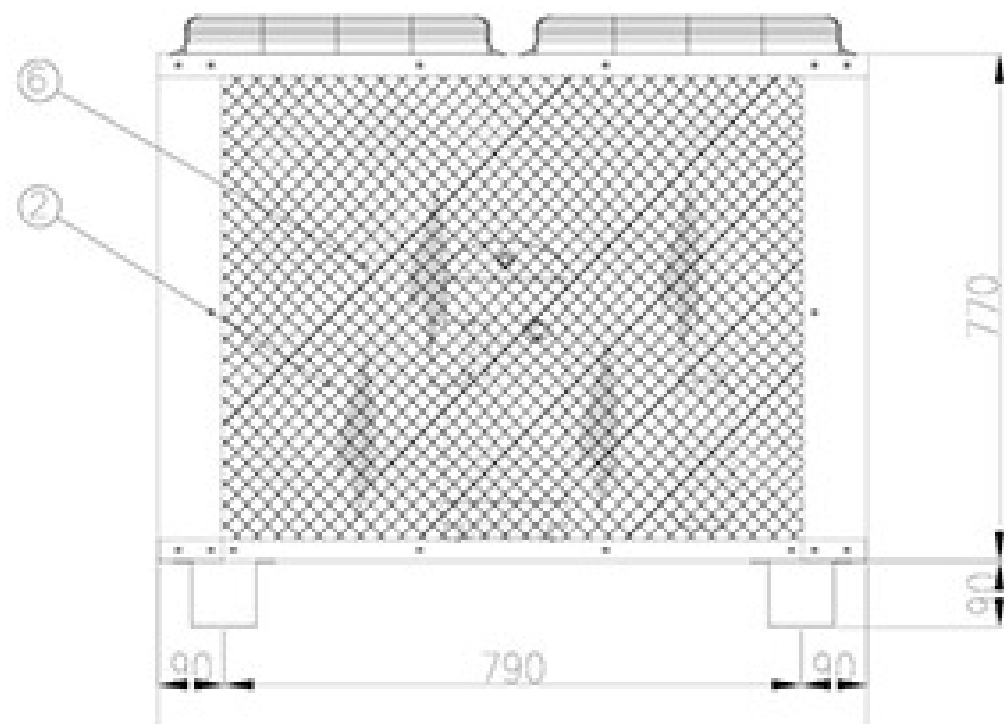
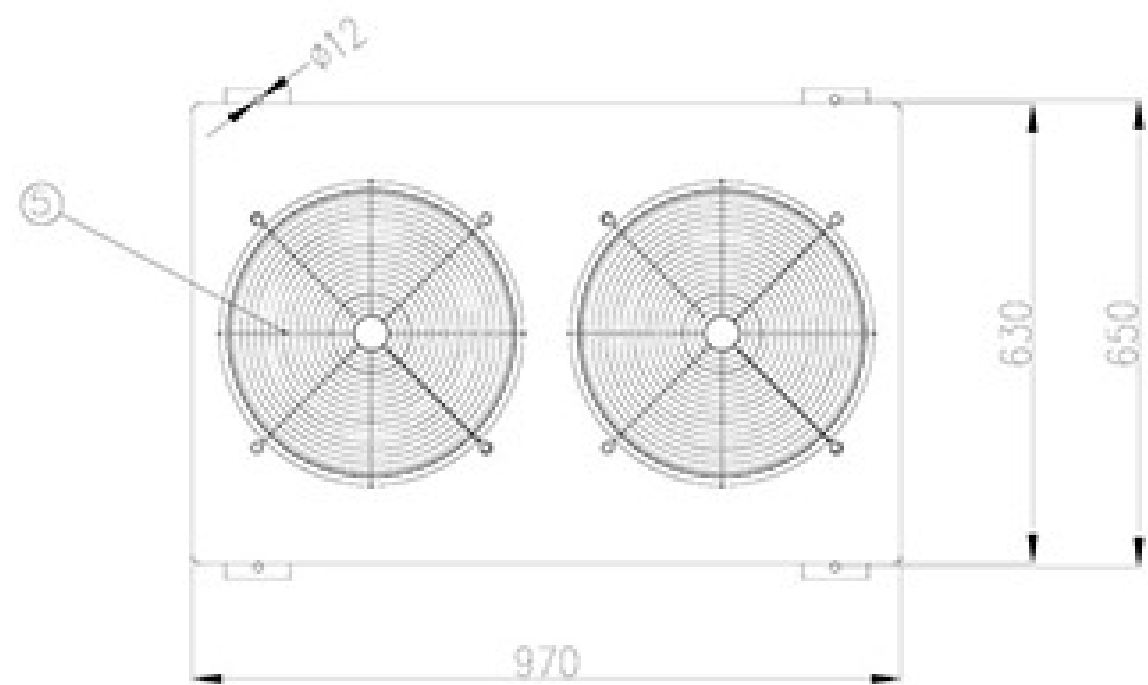


C	D	A	MARK	REVISION RECORD		DATE	REVISED	APPR.
		REV. 33						
								
								
QTY	UNIT	QTY	UNIT	PARTS NAME	MATERIAL	TREAT	DIMENSION	REMARK
	1	01		EVAPORATOR			ASS'Y	
	1	02		REHEATING COIL			ELECTRIC HEATING COIL	
	2	03		EXPANSION VALVE			TOEX 15TR 3/8" B B H	
	2	04		BLOWER ASSY			SF-20000	
	1	05		DISPLAY & SWITCH			ASS'Y	
	2	06		SUCTION COVER			ASS'Y	
	1	07		DISCHARGE GRILL			ASS'Y	
	2	08		DIPPER			HIGH/LOW PRESS. & GAUGE	
	1	09		CONTROL BOX			ASS'Y	
	2	10		RECEIVER TANK			RCV-07	
	1	11		HUMIDIFIER			CH045 or EQH	

• SPECIFICATIONS •

ITEM	UNIT	MODEL	CHT-A333K1
냉장능력	W		86,000
보냉능력	W		60,000
MAIN POWER			3 Ph 220/380/440 V 60 Hz
용량	CMM		260
소비전력	KW		103
공칭전류	A		307.72/178.16/153.86
가습기	TYPE		강박분식
	가습량(kg/h)		36
SIZE	HEIGHT	mm	2,740
	WIDTH	mm	2,200
	DEPTH	mm	965
	WEIGHT	kg	620
색상			WHITE
안전장치 및 표시사항			고, 저압 프레스 스위치 과전류 및 역상 방지기

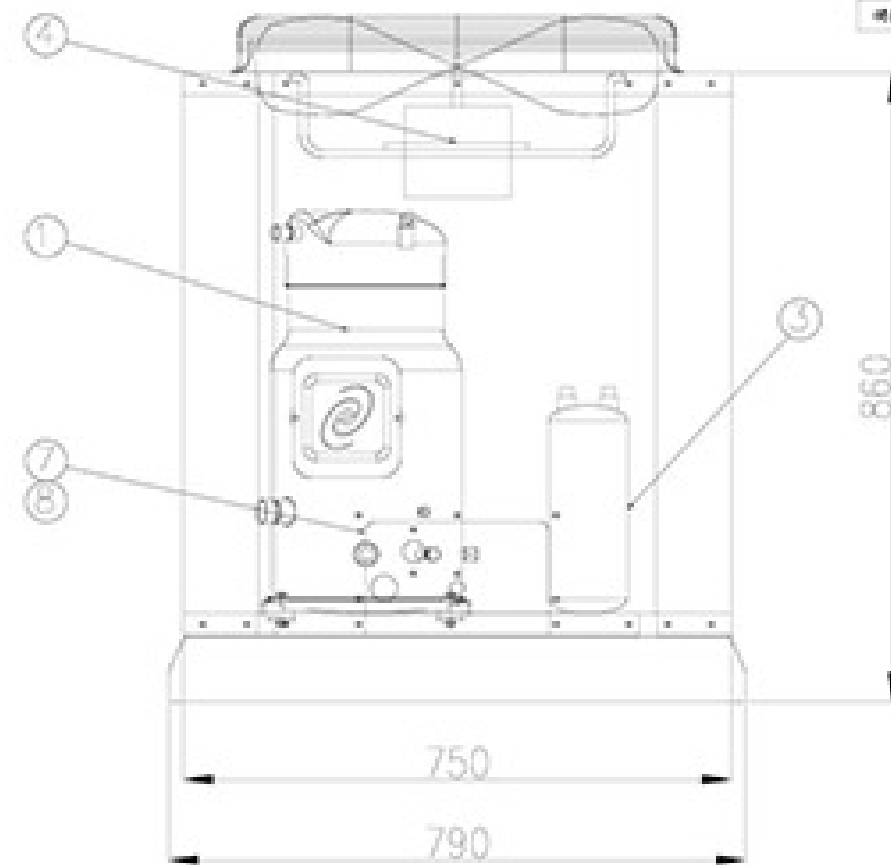
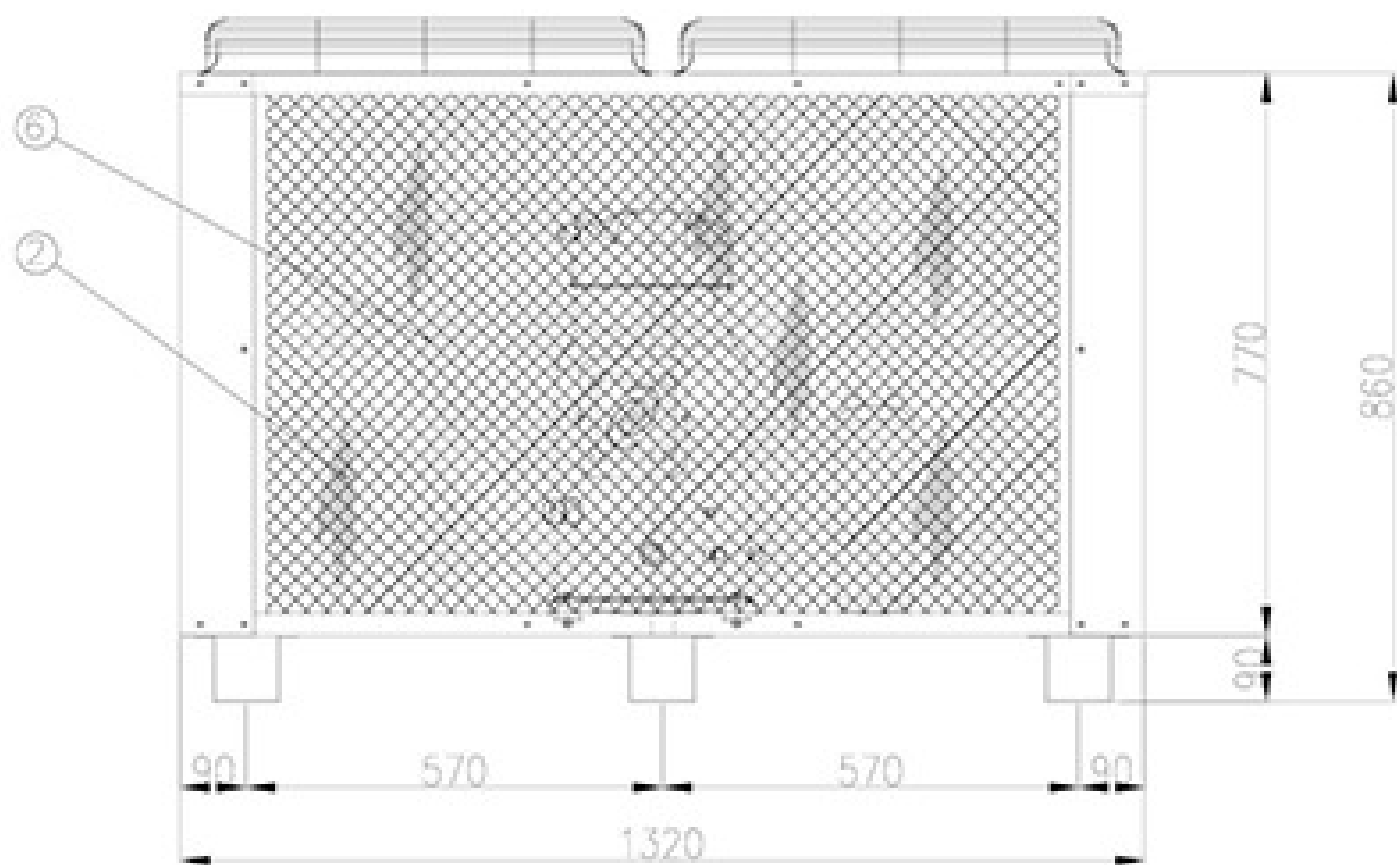
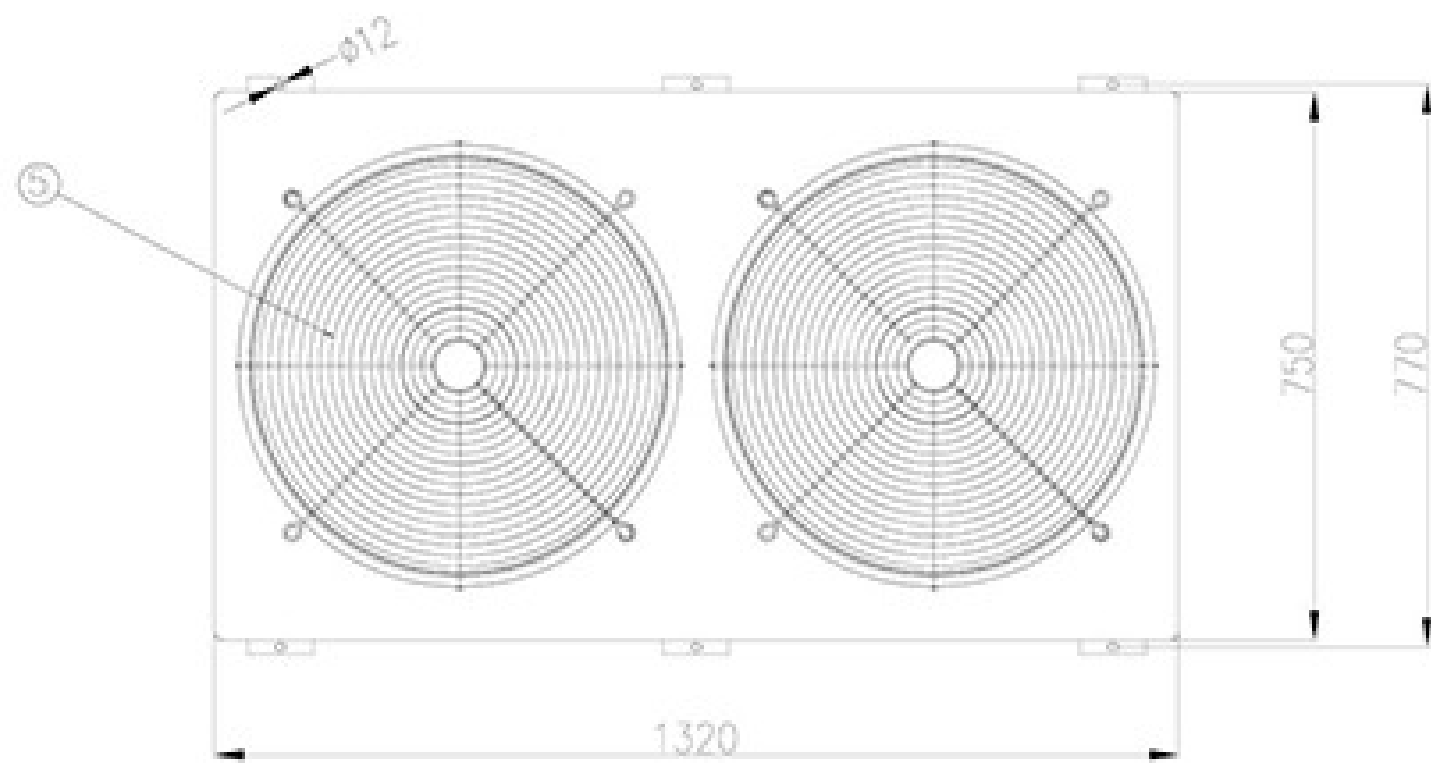
TO ORDERD UNITS (DRAWING SPECIFIED)	PRODUCT NAME 향온향습기	TYPE UNIT ASS'Y				
	MODEL CHT-A333K1	(2 CYCLE)				
DATE BY DATE	DESIGNED BY DATE	DATE	APP.	THIRD SCALE PROJECTION SCALE	UNIT	Rev.
2024.12.27	2024.12.27			REFERENCE (DRAWING NO.)		
DH (주)대호냉동상사				DRAWING NO.	CHTA333K000101	



C	B	A	MARK	REVISION RECORD			DATE	REVISED	APPRO.
			△						
			△						
			△						
			△						
QTY	QTY	QTY	PARTS NO.	PARTS NAME	MATERIAL	TREAT	DIMENSION		WEIGHT
							W	L	H
	1	01	COMPRESSOR				SCROLL TYPE		
	2	02	CONDENSER				ASS'Y		
	1	03	ACCUMULATOR				ACV-2		
	2	04	FAN & MOTOR				#400		
	2	05	FAN W/RS				#400 #		
	2	06	FIN W/RS				ASS'Y		
	1	07	SERVICE VALVE(기스)				-		
	1	08	SERVICE VALVE(액)				-		

• SPECIFICATIONS •

ITEM	MODEL		CA-R030	CA-R050
	UNIT			
MAIN POWER			3 Ph. 220/230/440 V 50 Hz	
BSR		Cmm	70	90
SIZE	HEIGHT	mm	860	
	WIDTH	mm	970	
	DEPTH	mm	630	
	WEIGHT	kg	130	140
Color			WHITE	



C	B	A	MARK	REVISION RECORD			DATE	REVISED	APPRO.
			△						
			△						
			△						
			△						
QTY	UNIT	QTY	PARTS NO.	PARTS NAME	MATERIAL	TREAT	DIMENSION	WEIGHT WTL FMS	
		1	01	COMPRESSOR			SCROLL TYPE		
		2	02	CONDENSER			ASS'Y		
		1	03	ACCUMULATOR			ACV-5		
		2	04	FAN & MOTOR			#550		
		2	05	FAN 브러시			#550 用		
		2	06	FAN 브러시			ASS'Y		
		1	07	SERVICE VALVE(기스관)			-		
		1	08	SERVICE VALVE(액관)			-		

• SPECIFICATIONS •

ITEM	UNIT	MODEL	
		CA-R075	CA-R100
MAIN POWER		3 Ph. 220/240/440 V 60 Hz	
REF		160	180
SIZE	HEIGHT	mm	860
	WIDTH	mm	1320
	DEPTH	mm	750
	WEIGHT	kg	160 180
REF		WHITE	

TOLERANCES UNLESS OTHERWISE SPECIFIED	PRODUCT NAME	REMOTE CONDENSER UNIT			TITLE		
	MODEL	CA-R075, CA-R100			ASSEMBLY (COMP. O)		
	OWN. BY	DESIGNED BY	D-CHECK BY	APPRO.	THIRD ANGLE PROJECTION	SCALE 1:1	UNIT 1 mm
	Y. J. KIM				REFERENCE DRAWING NO.		
	2024.12.27				DRAWING NO.	CAR000K000301	