DRG.NO	400202-00368A
A2	

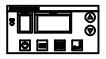
SURFACE FINISH

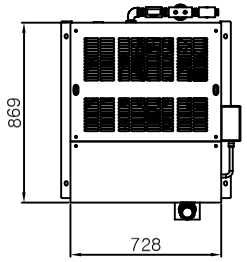
NO	REF. NO	DESCRIPTION	SPEC'	Q'TY	REMARKS
1	CL38M11	CONDENSER ASSY	CONDENSER FAN MOTOR 일체	1	명성냉열
2	CL3802024	COMPRESSOR	ZB38KQE-RF5	1	Copeland
3	CL3802018	PLATE COOLER	OSB30-H79	1	SINU O.S
4	MA040263	WATER PUMP	MTR3-17/17	1	Grundfos
5	43752A-E	TEMP SENSOR ASSY	10M AMBIENT SENSOR	1	Kwang rim
⚠1 6	CL003802	T-BOX	-	1	Kwang rim
7	-	PRESSURE GAUGE	25bar	1	DAHO
8	AC0200153	LINE FILTER	SHT-08(PT 1" 150MESH)	1	SHC
9	PP003117	BALL VALVE	1"	1	K.S

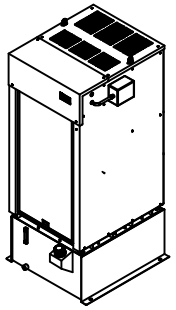
Cooler Specification

MODEL	CIW3800A-CT
Cooling Capacity (50/60Hz)	13,600 / 16,300W Test Liquid Clean Water
Power Source	AC 200V 50/60Hz 220V 60Hz
Compressor	5,350W
Water Pump	70L/min at 10 bar (220V / 60Hz)
Fan Motor	200W X 2EA
Refrigerant	R407C(4050g)
GWP/CO2	1774/7,184
Acceptable Temp.	5~45°C (Water & Room Temp')
Control Range	±0.1
Usable Liquid	Clean Water
Tank Capacity	185Liter
COLOR	DARK GRAY

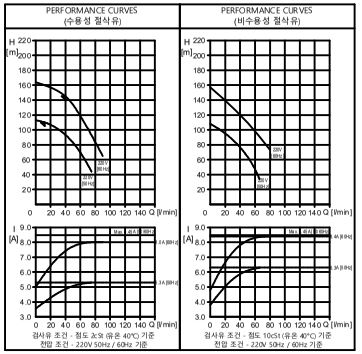
Detail of Area 'A'
Digital Controller Panel

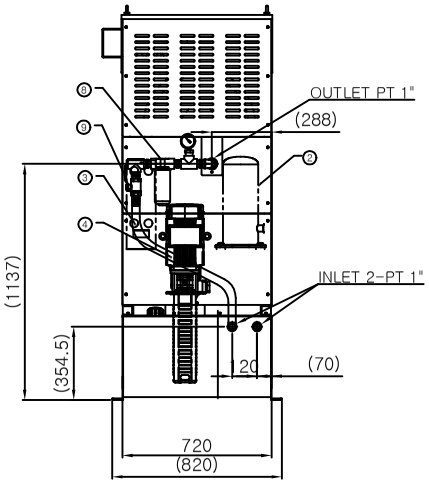


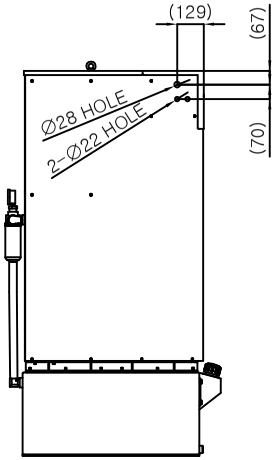


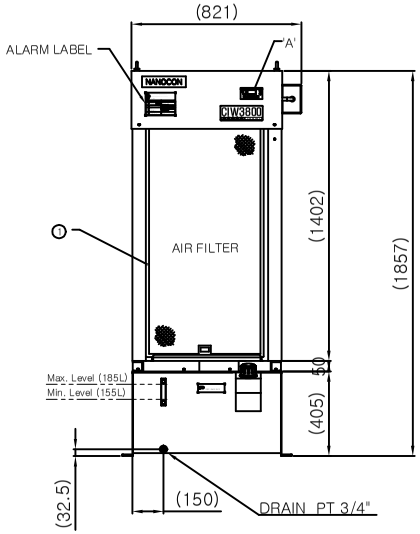


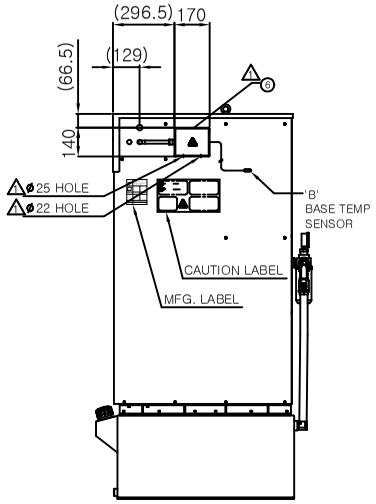
WATER PUMP P/Q Graph









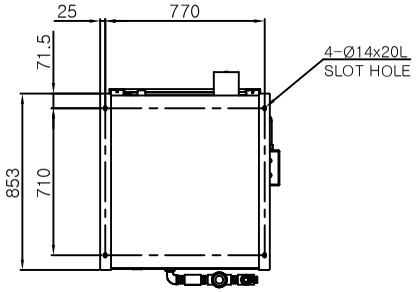


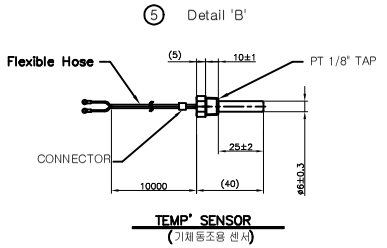


⑦ PRESSURE GAUGE

NOTE

1. 규격에 맞는 배관 설치할 것. (PT 1" 이상)
2. 배관 자재는 모두 STS 재질의 부품 적용할 것.
3. 저온 CUT 기능 적용(Cooler Supply Temp' 10°C 이하일 경우 냉동기 정지)
4. 기체동조 추종식
5. TANK 안에 냉각수를 채워 넣은 상태로 이동하지 말 것.
6. 사용액 : 증류수 + 부동액 = Max 5:5 / Min 7:3
7. SUPPLY 제어 방식





SUFFIX	MARK	SUBJECT	ENC NO.	DATE	DRAWN	CHECKED
	⚠X					
	⚠X					
A	⚠X 4	T-BOX HOLE 변경요청에 인한 설변		23.07.17	S.H.KIM	

GENERAL TOLERANCE (MACHINING)			UNSPECIFIED CHAMFERS	C1	APPROVE		TITLE	WATER COOLER		Q'TY	1ST
LIMITS	MINUT ENESS	NOR MAL	UNSPECIFIED RADII	R5	CHECKED		ASS'Y	CIW3800A-CT		SCALE	N/S
OVER ~ TO											
0.5 ~ 6	± 0.05	± 0.1	HEAT TREATMENT HARDNESS		CHECKED		MODEL		MAT.	COOLING UNIT	W.T
6 ~ 30	± 0.1	± 0.2					CIW-3800		DRG.NO	400202-00368A	
30 ~ 120	± 0.15	± 0.3	HEAT TREATMENT METHOD		DESIGNED	S.H.KIM			A2		
120 ~ 315	± 0.2	± 0.5					PROJECT NAME				
315 ~ 1000	± 0.3	± 0.8	SURFACE TREATMENT	PAINT	DATE	2209.03	NANOCON		KWANG RIM		
1000 ~ 2000	± 0.5	± 1.2							KWANG RIM CORPORATION		
2000 ~ 4000	±0.8	± 2.0									

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