DRG.NO .A2 | 400206-00943 | –

SURFACE FINISH

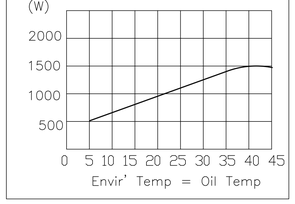
Specification

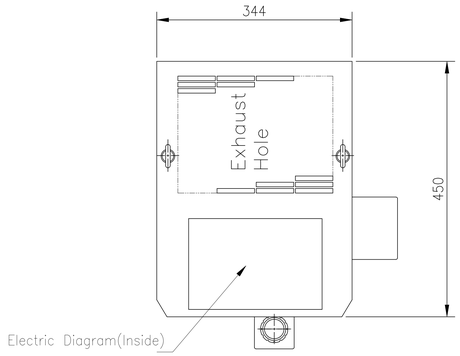
MODEL	CIL301A-CT
Capacity(50/60Hz)	1160/1390W
Power sourse	AC 220V 50/60Hz
Compressor	560W
Trochoid Pump	200W(12/14.4 L/m)
Fan Motor	100W
Refrigerant	R-410A
Acceptable temp. range	5~45°C(Room, Oil)
Usable Oil	Lubricant, Working oil (VG2~10)
Oil Piping(Inlet/Oulet)	PT1/2
Dimension(W*H*D)	344*883*500
Tank Capacitor	20Liter
Control Type	PID CONTROL
Control Range	±0.1°C
Color	Dark Gray(M/D)
Weight	65kg

OIL COOLER MOTOR 사양표

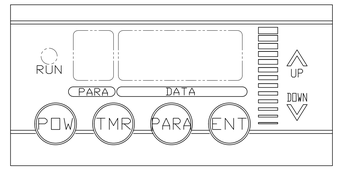
		COMPRESSOR		FAN		OIL PUMP		UNIT(TOTAL)	
MOTOR	OUTPUT(W)	560		100		200		860	
	INPUT(W)	Not Used		Not Used		Not Used		Not Used	
	FREQUENCY(Hz)	50	60	50	60	50	60	50	60
	VOLTAGE(V)	200	220	200	220	200	220	200	220
	CURRENT(A)	3.19	3.41	0.46	0.42	1.3	1.15	4.95	4.98
	POLES(P)	2		4		2		Refer to individual motor	
	PHASE(ø)	1		1		3			
	INSULATION CLASS	E		E		E			
	ENCLOSURE	IP 44		IP 23		IP 44		IP 44	

Cooling Capacity Graph
(60Hz, VG 2)

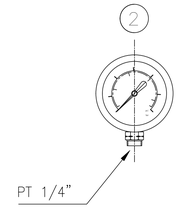


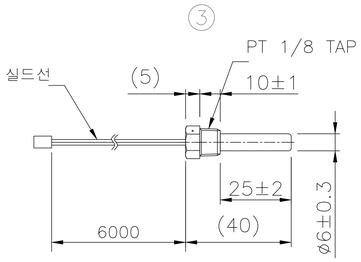


Digital controller panel



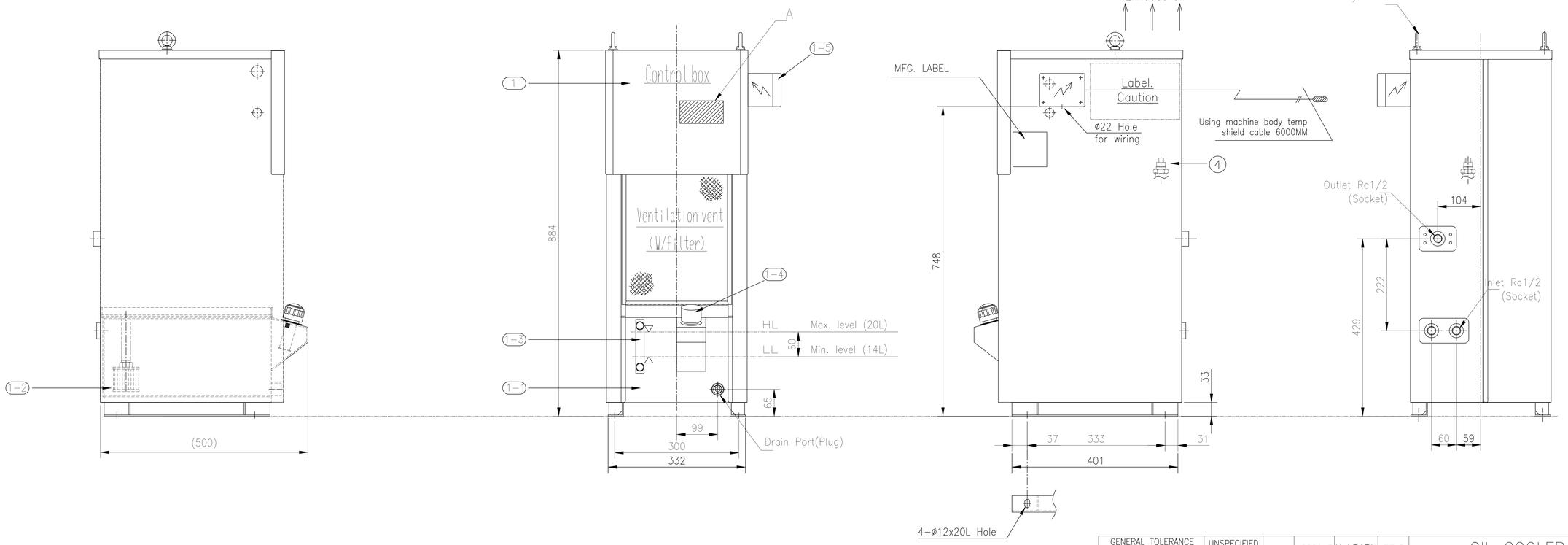
Detail"A"





TEMP' SENSOR(S=1/5)
(기체동조용 센서)

NO	PART NO.	DESCRIPTION	SPEC	Q'TY	REMARKS
1	CIL03AT-001-C	OIL COOLER	CIL301A-CT	1	KWANG
1-1	CIL03AT-000-P	TANK A'SSY	20L	1	KWANG
1-2	MA012045	SUCTION FILTER	PK-SS-04(#100)	1	PARKER
1-3	AC020019	LEVER GAUGE	SH-C-100(볼삽입)	1	DMC(SHC)
1-4	AC008007	AIR BREATHER	DM(SH)-AB-1380-40(소)	1	DMC(SHC)
1-5	CL000302	T-BOX	SPECIAL	1ST	KWANG
2	AC003047	RESSURE GAUGE	D 60*10K(A) - PT1/4	1	KS
3	43750C-E	SENSOR TEMP	SHIELD CABLE, 6M	1ST	KWANG
4	AC003130	RESSURE S/W	ML0030010	1	CASCO
5		ETC		1ST	KWANG



NOTE

1. 라벨류 및 취급설명서는 3개국어로 할 것.(한, 영, 중문)
   단, UNIT에 대한 주의 명판은 4개 국어(한,영,중,이)로 부착
2. 품번 2 압력게이지(10K)는 단품납품할 것.

SUFFIX	MARK	SUBJECT	ENC NO.	DATE	DRAWN	CHECKED
	3 X					
	2 X					
	1 X					

GENERAL TOLERANCE (MACHINING)			UNSPECIFIED CHAMFERS	–	APPROVE	K.J.PARK	TITLE	OIL COOLER	Q'TY	1ST
LIMITS OVER ~ TO	MINUTENESS	NORMAL	UNSPECIFIED RADII	–	CHECKED	–	ASS'Y	CIL301A-CT	SCALE	N/S
0.5 ~ 6	±0.05	±0.1	HEAT TREATMENT HARDNESS	–	DISIGNED	S.H.KIM	MODEL	MAT. UNIT	W,T	-KG
6 ~ 30	±0.1	±0.2					CIL-301	DRG.NO .A2 400206-00943 –		
30 ~ 120	±0.15	±0.3	HEAT TREATMENT METHOD	–	DRAWN	S.H.KIM				
120 ~ 315	±0.2	±0.5					PROJECT NAME	KWANG RIM		
315 ~ 1000	±0.3	±0.8					NANOCON	KWANG RIM CORPORATION		
1000 ~ 2000	± 0.5	±1.2	SURFACE TREATMENT	–	DATE	2020.04.17				
2000 ~ 4000	±0.8	±2.0								

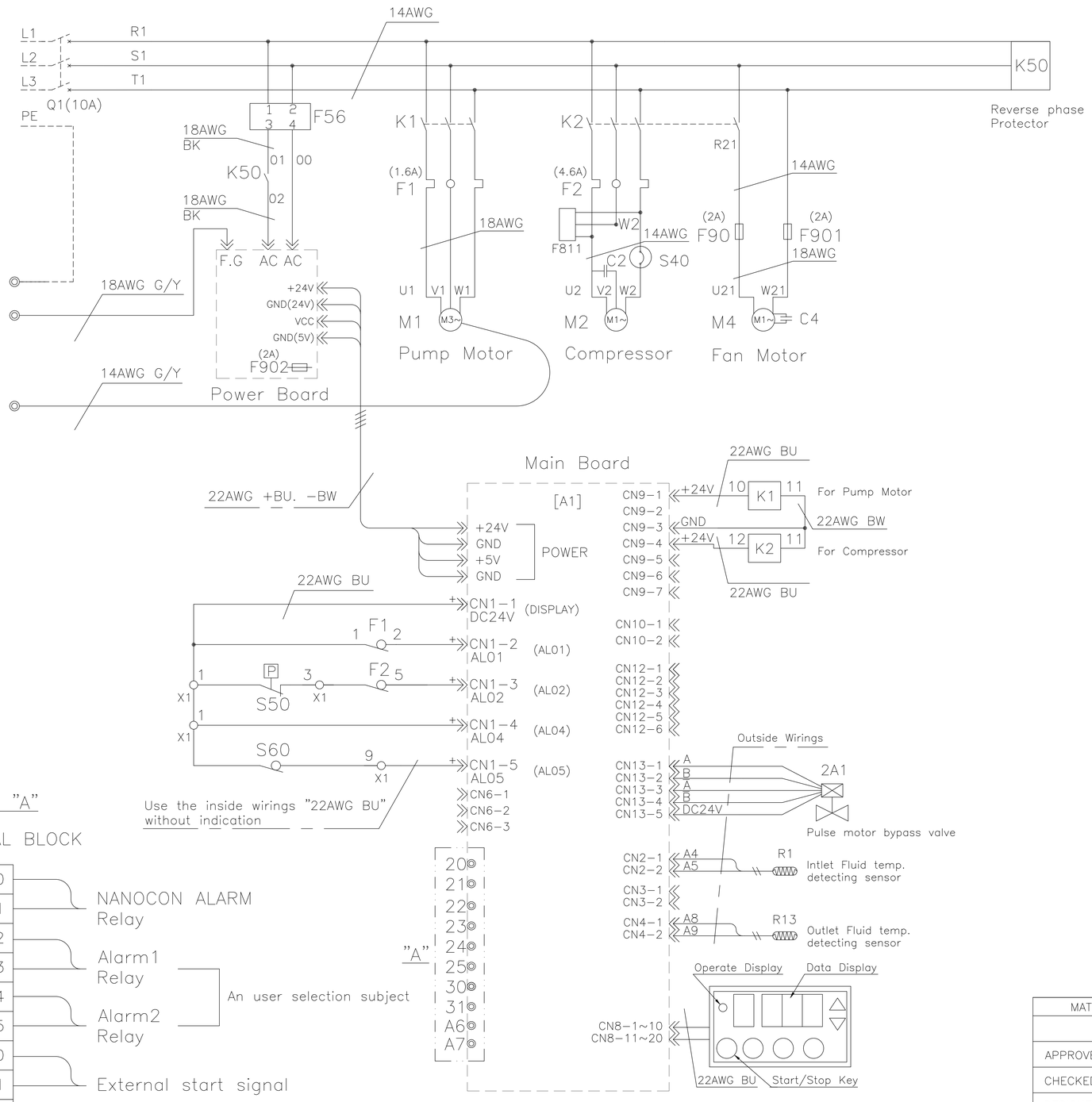
THIS DRAWING IS PROPRIETARY TO KWANG RIM
NO PART OF THIS DRAWING MAY BE REPRODUCED
WITHOUT THE PERMISSION OF KWANG RIM
이 도면은 광림 주식회사의 재산입니다. 무단 복사 및 유용을 금합니다.

A2 (420 X594)

DWG.NO 400206-00943

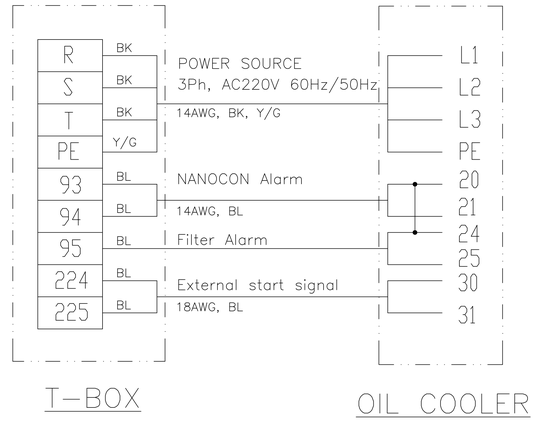
관리번호	MARK	DATE	DETAIL OF REVISION	CHECKED	APPROVED
	△				
	△				

POWER SOURCE 200V 50/60Hz 3Ph
220V 60Hz



Classification	In power supply OFF	Point of contact output classification	Rating load	Smallest point of contact voltage/electric current
NANOCON Alarm	OFF	Parameter setting Initial value – Normally "Close"	AC250V/3A DC30V/3A	DC5V/10mA
Alarm1	OFF	Parameter setting Initial value temperature warnning in a range – Normally "Close"	AC250V/3A DC30V/3A	DC5V/10mA
Alarm2	OFF	Parameter setting Initial value – FIL cleaning signature	AC250V/3A DC30V/3A	DC5V/10mA

Remote signal	OFF	ON	The part which is used for External start signal
Contact	Opening	Short or contact "Close"	Single pole and single action switch or make contact of start signal (Min. contact voltage/current satisfies more than 24V/20mA)



Detail "A"

TERMINAL BLOCK

MAT'L	HEAT TREATMENT	SURF.TREATMENT	TITLE	ELECTRIC DIAGRAM
				CIL301A-CT
APPROVED	S.H.KIM	2020.04.17		
CHECKED	–	–	PJT NAME	OIL COOLER
DESIGNED	S.H.KIM	2020.04.17		NANOCON
DRAWN	S.H.KIM	2020.04.17	DRG NO.	400206-00943
SCALE N/S	W.T	Q'TY		
	MODEL CIL301A-CT		KWANG RIM CORPORATION	

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