DRG NO 400206-00305C
A2
SURFACE FINISH

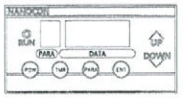
## Cooler Specification

| | |
|---|---|
| MODEL | CIL1501A-CT |
| Cooling Capacity (50/60Hz) | 4,830 / 5,810W<br>Test Oil ISO VG2 |
| Power Source | AC 200V 50/220V 60Hz |
| Compressor | 2,100W, 3Ph |
| Oil Pump(50/60Hz) | 700W(30/36.6L/min)<br>Max. Operating pressure 7.5 bar |
| Fan Motor | 100W X 2EA |
| Refrigerant | R410A(1,000g) |
| GWP/CO2 | 2088/2,088 |
| Acceptable Temp. | 5~45°C (Oil & Room Temp') |
| Usable Oil | ISO VG2 ~ VG10 |
| Tank Capacity | 60Liter |
| COLOR | DARK GRAY |

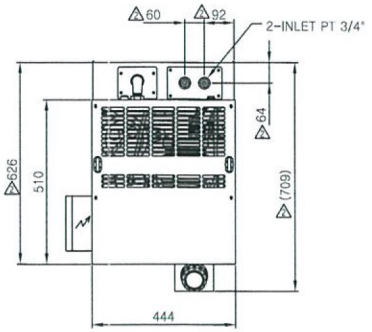
△ COOLER MOTOR 사양표

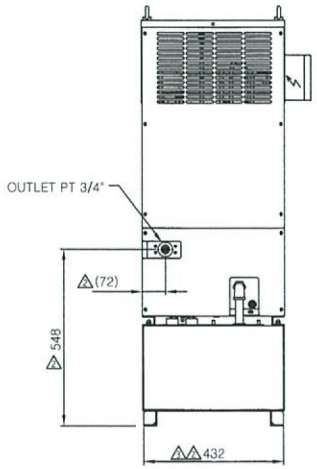
| MOTOR | | COMPRESSOR 3-100 | | FAN 180W (EA) | | OIL PUMP 700 | | UNIT(TOTAL) 3-200 | |
|---|---|---|---|---|---|---|---|---|---|
| | OUTPUT(W) | Not Used | | Not Used | | Not Used | | Not Used | |
| | INPUT(W) | | | | | | | | |
| | FREQUENCY(Hz) | 50 | 60 | 50 | 60 | 50 | 60 | 50 | 60 |
| | VOLTAGE(V) | 205 | 210 | 220 | 220 | 220 | 220 | 200 | 220 |
| | CURRENT(A) | 8 | 7.7 | 0.80 | 0.56 | 3.8 | 2.7 | 17.7 | 11.46 |
| | POLE(EA) | 2 | | 4 | | 4 | | Refer to Individual motor | |
| | PHASE(Φ) | 3 | | 1 | | 3 | | | |
| | INSULATION CLASS | E | | E | | E | | | |
| | ENCLOSURE | IP 44 | | IP 23 | | IP 44 | | IP 44 | |

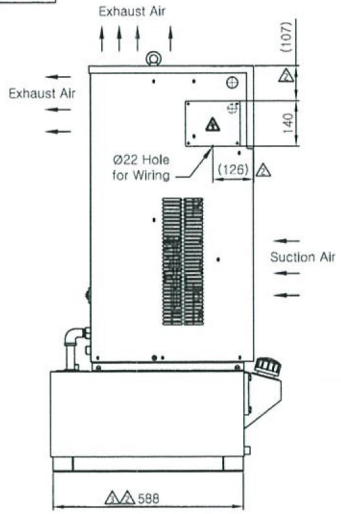
Detail of Area 'A'
Digital Controller Panel

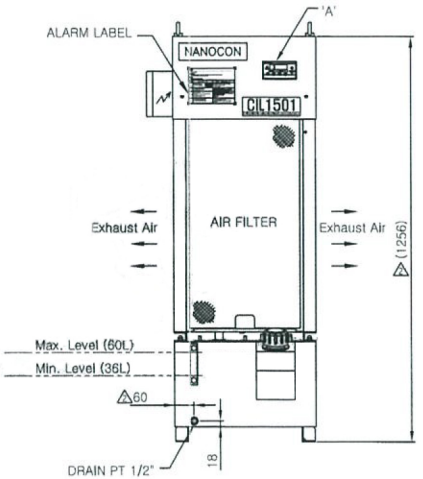


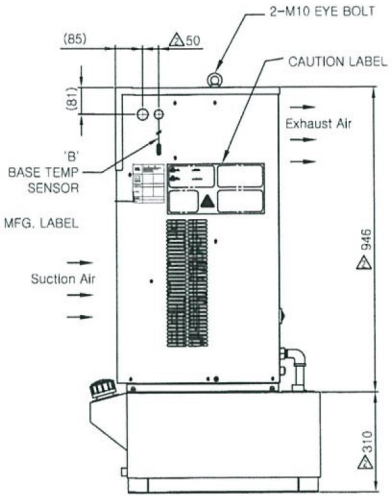

| NO | PART NO. | DESCRIPTION | SPEC | Q'TY | REMARKS |
|---|---|---|---|---|---|
| 1 | CL15P21 | TANK | 60 L | 1 | KWANGRIM |
| 2 | MA012025 | SUCTION FILTER | PK-SS-06(#100) | 1 | PARKER |
| 3 | AC020019 | LEVEL GAUGE | SH-C-100 | 1 | SHC |
| 4 | AC020012 | AIR BREATHER | DM(SH)-AB-1"63-40 | 1 | DMC(SHC) |
| △ 5 | - | PRESSURE GAUGE | MRX311(10RAR) | 1 | DAHO |
| △△ 6 | AC003131 | OIL PRESSURE SWITCH | MLA30005(0.5BAR) | 1 | DAHA |
| 7 | 43750C-E | SENEOR, TEMP | SHIELD CABLE, 6M | 1 | KWANGRIM |
| △ 8 | - | T-BOX | SPECIAL | 1 | KWANGRIM |

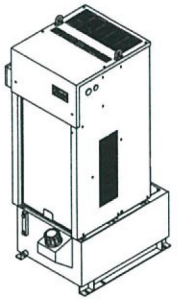


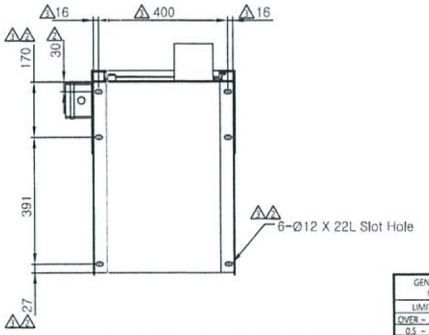



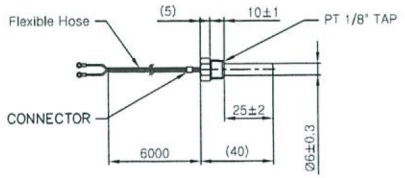





PRESSURE GAUGE




Detail 'B'




TEMP' SENSOR
(기체동조용 센서)

NOTE
1. PRESSURE GAUGE(10K)는 단품 납품.
2. 오일 순환 감지용 압력 스위치 적용할 것 (S60=AL05)
△△3. Oil Pressure Switch 설정 압력 0.05MPa
△4. 주의명판은 4개 국어(한, 영, 중, 이)로 부착
5. 온도 제어 방식 및 세팅
- 기체동조, 추중식 제어 / Return 온도 제어 방식

| SUFFIX | MARK | SUBJECT | ENC NO. | DATE | DRAWN | CHECKED |
|---|---|---|---|---|---|---|
| -C | △ X 11 | 오일 압력 게이지, 압력 스위치(1~4) 05Mpa)로 변경, 설계 노트번호 도면 내용 및 위치변경 | | 21.06.10 | S.H.KIM | K.J.PARK |
| -B | △ X 24 | PRESSURE SWITCH 규격, TANK BODY 및 CASING 자재 변경, 주요 수정은 아래 설명. | | 2017.10.18 | T.Y.KIM | S.H.HA |
| -A | △ X 2 | T-BOX 변경 및 OIL COOLER MOTOR 사양표 추가. | | 2016.03.07 | S.H.KIM | S.K.LEE |

| GENERAL TOLERANCE (MACHINING) | | | UNSPECIFIED CHAMFERS | C1 | APPROVE | TSUNODA |
|---|---|---|---|---|---|---|
| LIMITS OVER - TO | MINUTENESS | NOR MAL | UNSPECIFIED RADII | R5 | CHECKED | ISHIDA |
| 0.5 - 6 | ±0.05 | ±0.1 | HEAT TREATMENT HARDNESS | | CHECKED | S.H.HA |
| 6 - 30 | ±0.1 | ±0.2 | | | | |
| 30 - 120 | ±0.15 | ±0.3 | | | | |
| 120 - 315 | ±0.2 | ±0.5 | HEAT TREATMENT METHOD | | DESIGNED | T.Y.KIM |
| 315 - 1000 | ±0.3 | ±0.8 | | | | |
| 1000 - 2000 | ±0.5 | ±1.2 | SURFACE TREATMENT | PAINT | DATE | 17.10.18 |
| 2000 - 4000 | ±0.8 | ±2.0 | | | | |

| TITLE | OIL COOLER | | | Q'TY | 1ST |
|---|---|---|---|---|---|
| ASSY | CIL1501A-CT | | | SCALE | N/S |
| MODEL | | MAT | COOLING UNIT | W.T | 133KG |
| CIL1501A-CT | | DRG NO A2 | 400206-00305 | C | |
| PROJECT NAME | | | | | |
| NANOCON | | KWANG RIM CORPORATION | | | |

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타사열람 수 절대

A2 (420 X 594)