

VISY CHILLER 1-3

| Inspection Item | Tool / Method | STANDARD | STANDARD | A B |
|---|--------------------|-------------------------|-------------------------|-------|
| 1.cord Percent total capacity | Display Contorl | 30-100 % | 30-100 % | 12 14 |
| 2.Record Discharge Pressure | Display Contorl | 68 -1450 Kpa | 68 -1450 Kpa | |
| 3.Record Suction Pressure | Display Contorl | 200-260 kpa | 200-260 kpa | |
| 4.Record Economizer Pressure | Display Contorl | 230-490 Kpa | 230-490 Kpa | |
| 5.Record Oil Pressure | Display Contorl | 880-1400 Kpa | 880-1400 Kpa | |
| 6.Record Oil Pressure Difference | Display Contorl | 0-250 Kpa | 0-250 Kpa | |
| 7.Record Motor Current | Display Contorl | A; <175 A | B;<108 A | |
| 8.Record Motor Temperature | Display Contorl | 16-50 °C | 16-50 °C | |
| 9.Record Discharge Gas Temp | Display Contorl | 45-70 °C | 45-70 °C | |
| 10.Record Economizer Gas Temp | Display Contorl | 20-50 °C | 20-50 °C | |
| 11.Record Saturated Condensing Temp | Display Contorl | -10-55 °C | -10-55 °C | |
| 12.Record Saturated Suction Temp | Display Contorl | 2-5 °C | 2-5 °C | |
| 13.Record Compressor Suction Temp | Display Contorl | 2-50 °C | 2-50 °C | |
| 14.Record EXV Position | Display Contorl | 0-100 % | 0-100 % | |
| 15.Record Current Phase 1 | Display Contorl | A; <175 A | B;<108 A | |
| 16.Record Current Phase 2 | Display Contorl | A; <175 A | B;<108 A | |
| 17.Record Current Phase 3 | Display Contorl | A; <175 A | B;<108 A | |
| 18.Record Run hour. | Display Contorl | No | No | |
| 19.Record Run Time. | Display Contorl | No | No | |
| 20.Record Cooling Set point 1 | Display Contorl | 5-7 °C | 5-7 °C | |
| 21.Record Water Temp(Cooler Leaving Fluid) | Display Contorl | =Set point ± 1°C | =Set point ± 1°C | |
| 22.Record Water Temp(Cooler Entering Fluid) | Display Contorl | > Water Lev 3-5 °C | > Water Lev 3-5 °C | |
| 23.Record External Temperature | Display Contorl | 5-40 °C | 5-40 °C | |
| 24.Record Cooling Ice Set point | Display Contorl | >6.7 °C | >6.7 °C | |
| 25.Record Cooling Water Pressure Return | Pressure Gauge | 40-65 Psi | 40-65 Psi | |
| 26.Record Cooling Water Pressure Supply | Pressure Gauge | < Water Return 3-4 psig | < Water Return 3-4 psig | |
| 27.Record Cooling Water Temp Return | Display Contorl | 11-15 °C | 11-15 °C | |
| 28.Record Cooling Water Temp Supply | Display Contorl | 6-7 °C | 6-7 °C | |
| 29.Record Run hour. | Display Contorl | No | No | |
| 30.Record Run Time. | Display Contorl | No | No | |
| 31.Clean the condenser fin coil | Visually inspected | Clean | Clean | |
| 32.Change new water chiller | Aquaclean-590 | PH 8-9 | PH 8-9 | |
| 33.Oil Analysis | Focuslab | <165->220 cSt | <165->220 cSt | |
| 34.Change new Oil filter | Display Contorl | Diff oil pressure >2bar | Diff oil pressure >2bar | |
| 35.Change new Sensor NTC | Display Contorl | 1 Year | 1 Year | |
| 36.Check wire's connections for over temperture | Thermo scan | ΔTemp.<11 °C | ΔTemp.<11 °C | |
| 37.Checking of connections and tightening | Tighten Tool | FIX | FIX | |
| 38.Change new Fuse power and control | Fuse | 3 Years | 3 Years | 1 |