

# Air Source Treatment Manual

## TR-05028



## 1. Service conditions (technical parameters)

The system pressure, medium temperature and pressure regulating range used by air source processing parts shall conform to the values specified in the following table:

- Maximum service pressure: 1.0mpa (10.2kgf /cm<sup>2</sup>)
- Ambient and fluid temperature: 5/60°C
- Recommended Oil: Turbine No. 1 (ISOVG32)
- Cup protective cover: 1000~2000 None 2500~ 6000 yes
- Pressure regulating range: 0. 05~0. 85MPa(0. 51~8. 7kGF /cm<sup>2</sup>)
- Valve type: overflow type

## 2. Install and use

- 1. During installation, please pay attention to cleaning the connecting pipes and joints to avoid bringing stolen goods into the air path.
- 2. When installing, please pay attention to whether the direction of air flow is consistent with the direction indicated by the arrow on the body, and whether the take-over and tooth type are correct.
- 3. Pressure adjustment: Pull up the pressure regulating knob and rotate clockwise to increase the pressure. Counterclockwise rotation, pressure drop. Adjust the pressure to the required pressure and press the pressure regulating knob to lock.
- 4, water discharge: no air pressure, water discharge automatically.

When there is air pressure, the drainage column is pushed up and the water is discharged. After the drainage is completed, the drainage column is released and the drainage column automatically springs down and the drainage is finished. When the water level exceeds the upper limit, please drain immediately, otherwise it will cause poor temperature removal.

- 5. Adjust the amount of oil. Rotate the needle valve clockwise to reduce the amount of oil dropping, and rotate the needle valve counterclockwise to increase the amount of oil dropping. Air flow adjustment, set needle valve, large air flow, large oil drop: small air flow, small oil drop.
- 6. Refueling method: refueling can be carried out without closing the air pipeline, and the refueling screw can be turned counterclockwise. The refueling amount should not exceed 80% of the cup. After adding oil, add screws to lock; Do not unload the oil storage cup directly for refueling.

### **3. maintain**

- 1. Clean/replace the filter screen: take out the filter screen and blow it from inside to outside with air, which can be reused.
- 2, transparent PC cup: remove the PC cup, wipe it with a clean dry

cloth, do not use any chemical items that will destroy the PC material to clean.