

OASIS have been using the L16 series of solenoid valves on all hot gas dehumidifiers produced in Europe since 1993. This valve was produced by Ranco Controls. Ranco are now part of the Invensys group. Following a recent rationalisation of their operations, Invensys have reduced their number of manufacturing facilities and stopped production of all L16 valves.

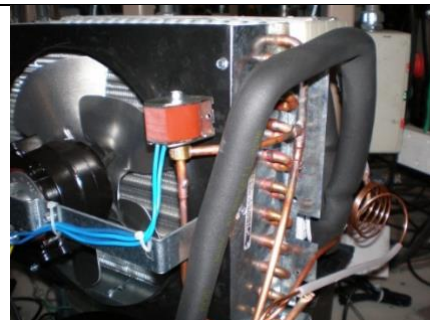
OASIS have been evaluating various replacement valves and have selected a valve and coil combination from Sanhua Corporation. This has undergone extensive laboratory and field testing to validate its performance.

Part Numbers

	Ranco (Obsolete)	Sanhua (New part)
Solenoid Valve	032191-002	032191-102
Coil	032198-002	032198-102



Ranco Solenoid Valve

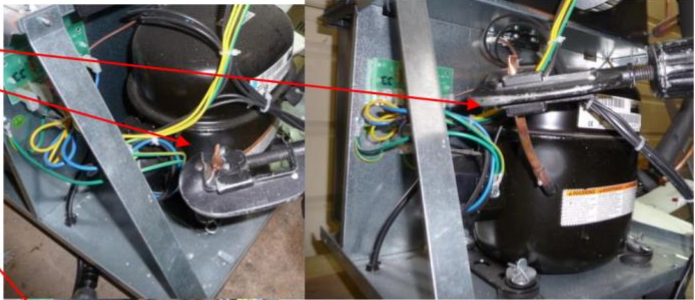


Sanhua Solenoid Valve

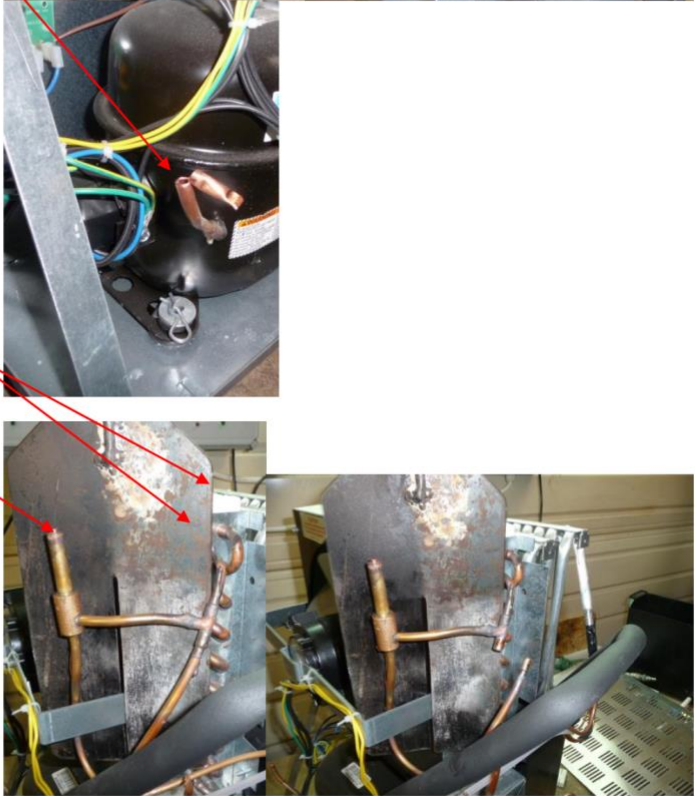
In order to replace a Ranco solenoid valve with a model from Sanhua, it is necessary that you purchase a service kit that contains all of the necessary parts. OASIS part number for the service kit is **032192p102**.

Full instructions for how to install the service kit are given below:

1. Remove wrapper and grill.
2. Discharge unit.
- Cut charging pipe.
- Evacuate all gas.



3. Using gas burner disconnect copper pipes next to T-piece.
- Use special shield



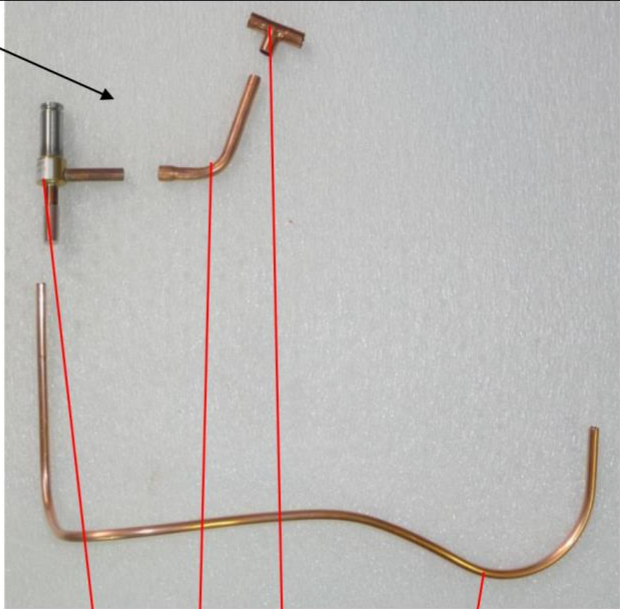
3. Disconnect copper pipes next to capillary.



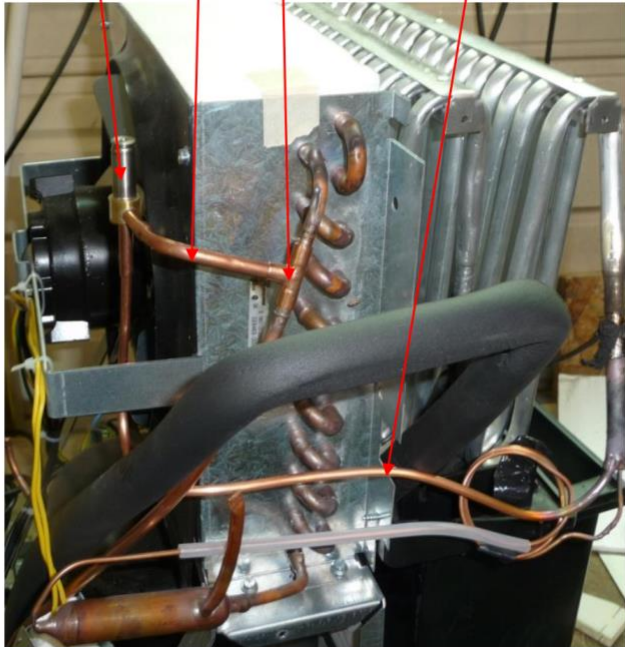
4. When all 3 connections are disconnected take off old solenoid.





5. Build a new pipe system.





6. Connect new pipes to DH refrigeration system.





7. Take off old wiring.



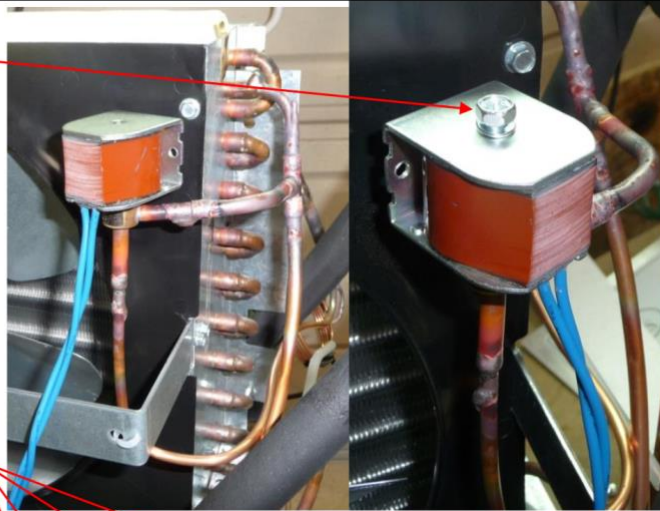
8. Solder all copper pipe connections.
- Use special shield



9. Connect new solenoid terminals to control board.



10. Place coil on solenoid and secure with a screw .



11. Secure wiring with cable tie.



12. Mount wrapper and grill.