

## SERVICE BULLETIN

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**Title:** Replacing Dixell Controller XR60.

**Models effected:** ASF680, ASF1370, ASF2055

**Reason:** To help prevent premature failure of the Dixell controller, Austwide is recommending the fitting of an auxiliary relay to switch the compressor. This relay will remove the compressor load from the controller and will help to increase its working life.

**Items Required:**

1. 30 AMP relay. Available from Austwide or from Actrol or other refrigeration wholesalers.
2. Additional wiring harness. Available from Austwide or can be manufactured from 1mm<sup>2</sup> electrical wire.
3. Replacement Controller Dixell XR60.

**Method:**

1. Attach relay in suitable position. Making sure that it will not contact anything when the cover is closed.
2. From the terminal Block (normally # 1) attach a neutral wire to one side of relay coil.
3. Find the wire which gives power to the compressor from the Dixell controller (normally # 5 on terminal block). Remove from terminal block, strip it back and use a closed end connector to extend it and attach to second side of relay coil. Now the controller will switch the relay coil instead of the compressor.
4. From the terminal Block (normally # 2 on terminal block) attach an active wire to one end of the relay contact (switch).
5. From the terminal block (normally # 5) where power feeds the compressor connect the second side of the relay contact. Now when the Dixell controller switches, it will power up the relay coil, switching the relay's contact and giving power to the compressor.
6. Close cover and test.



Example: Relay above

#5 to neutral on terminal Block (normally #1)

#6 Joined by closed end connector to Dixell compressor switching position.

#4 to active on terminal block (normally #2)

#1 to compressor feed on terminal block (normally #5)