

## Important Safety Instructions for R290 Heat Pumps

Extra care must be taken when performing service or troubleshooting on R290 heat pumps due to the flammable nature of the refrigerant.

### Refrigerant Leak Inspection

- If a heat pump is suspected of having a refrigerant leak, the inspection **must only be carried out by a qualified engineer holding the appropriate R290 refrigerant certification**.
- Do not attempt to diagnose or repair refrigerant-related issues unless you are properly certified and authorized.

### Electrical Troubleshooting

Before carrying out any work on the electrical components:

1. **Check the refrigerant leakage detector first.**
2. If the leakage detector **does not indicate a warning**, electrical diagnostics may proceed.
3. If the leakage detector **triggers an alarm or warning, stop all electrical troubleshooting immediately.**
4. The refrigerant system must be inspected and any leak issue resolved before any work is carried out on the electrical components.

### Safety First

Failure to follow these procedures may create a safety hazard. Always verify that the refrigerant system is safe and free from leaks before performing electrical inspections or repairs.

**When in doubt, contact a certified R290 service engineer before proceeding.** 