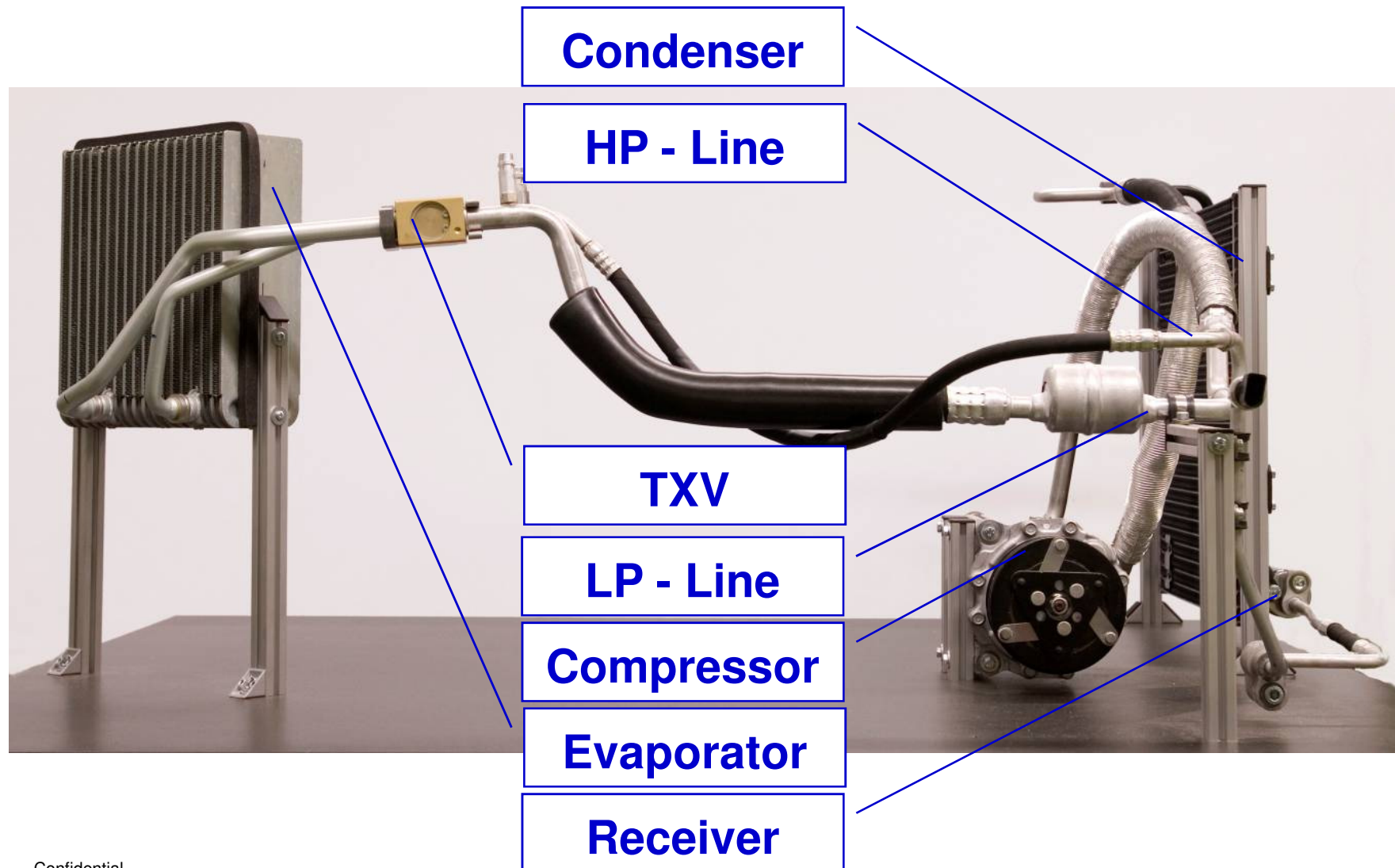
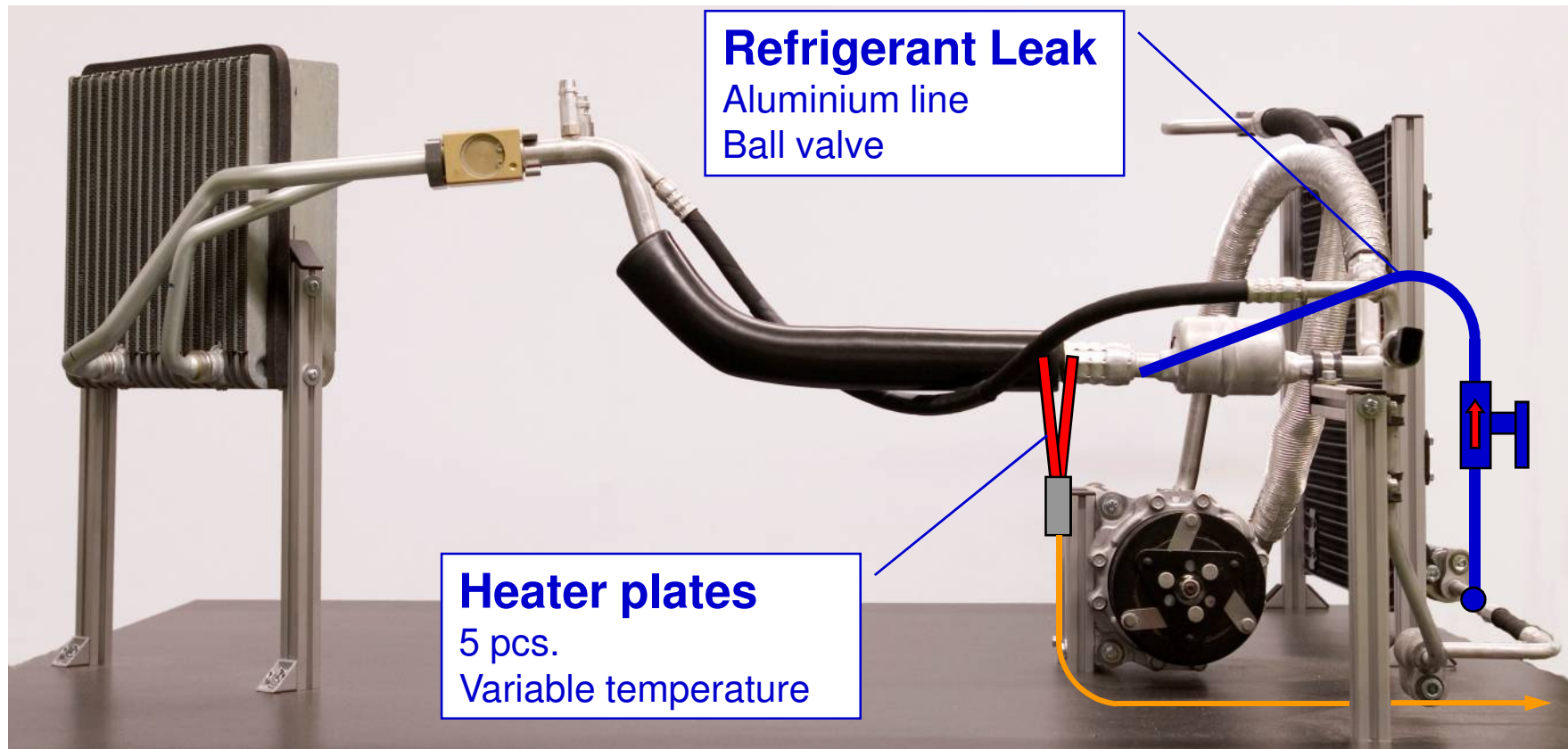


Test Setup for Flammability Test

R134a A/C System (VW Lupo)



Test Adaptations on R134a A/C System (VW Lupo)



Test Procedure

- **System cleaning**
- **Compressor oil charge for each test 135 ml Denso ND8**
- **Refrigerant charge 500g for R134a & 2,3,3,3-Tetrafluoroprop-1-ene (HFO-1234yf) and 20 bar for R744**
- **External drive of the compressor for 10 minutes to ensure oil circulation in the system**
- **Heat up of the heater plates to defined temperature by external heat control unit**
- **Opening of the ball valve to simulate line rupture (release of a refrigerant and oil mixture)**
- **Test end after the complete release of the system charge**