



HERZ VALVES UK LTD

Herz CPD Seminar – CIBSE Approved

Balancing & Commissioning in HVAC systems

- First principles of Flowrate and pressure
- Flowrate and pressure distribution around a system
- Resistance in systems and pump sizing
- The use of balancing valves and how they function in a system
- Variable orifice commissioning valves applications and benefits
- Fixed orifice commissioning valves applications and benefits
- Sizing commissioning valves
- System commissioning
- Proportional balancing method
- Static balancing in variable volume systems
- Dynamic balancing in variable volume systems
- The use of differential pressure control valves
- Key points from the BSRIA Guide to Energy Efficient Pumping Systems BG 12/2011
- The use of commissioning centres (valve modules)
- The use of pre-insulated multi-layered pipe with commissioning centres

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