The HLMB 20-50 is designed to be used for natural gas with an inlet pressure of 50-55mBar. The idea is that when there is a call for heat, a thermostat sends a signal to the solenoid valve. The solenoid opens and the gas flows at maximum pressure to the heaters. When there is no need for heat, the thermostat stops the signal to the solenoid and the solenoid closes. At that moment the gas flows to the regulator set at 20mBar to the heaters. In this way there is a heating control system with 2 output levels: full power and minimum power. The solenoid, manometer and the gas pressure regulator used here are all DVGW / CE approved. The capacity is about 14m³ => about 150kW of heating capacity or 30M8 20-50mBar heaters.