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**UNDERFLOOR HEATING CONTROLS**  
 WE RECOMMEND THE MOUNTING OF THE WIRING CENTRE WHERE IT CAN BE EASILY ACCESSED FOR MAINTENANCE AND NEAR THE MANIFOLD, BUT NOT IMPEDING ACCESS TO THE MANIFOLD AND COMPONENTS. WE RECOMMEND THERMOSTATS ARE MOUNTED ON INTERNAL WALLS AT A HEIGHT OF 1.5 METERS. THEY SHOULD BE MOUNTED OUT OF AREAS OF STRONG SUNLIGHT AND AWAY FROM SOURCES OF HEAT OR DRAUGHT.

**WIRING REQUIREMENTS**

- From Fused Spur to UH4 Wiring Centre:  
2 cores +E - 2.5mm cable
- From UH4 Wiring Centre to DS-SB Thermostats:  
4 cores +E - 1.0mm cable
- From UH4 Wiring Centre to Thermo-electric Actuators:  
2 cores - 1.0mm flex (Actuators come with 1m flying lead)
- From UH4 Wiring Centre to Manifold Pump:  
3 core - 1.5mm flex
- From DS-SB Thermostats to remote sensor:  
2 core - 0.75mm cable/flex (Maximum of 50 meters)
- From UH4 Wiring Centre to Boiler:  
2 core - 1.5mm cable

**ambiente**  
 more than underfloor  
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Project  
**Standard Ambiente Wiring Diagram**

TITLE  
**UH4 Wiring Diagram with DS-SB set back thermostats showing optional remote air sensor**

SCALE	DATE	DRAWN	CHECKED
N/A	May 2016	RH	RT