

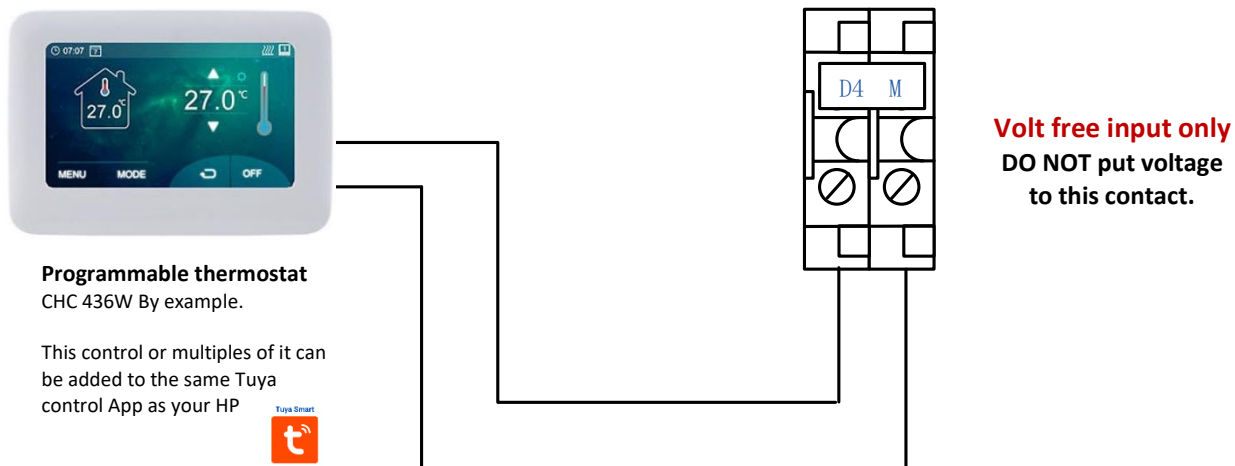
External (System) : Control connections.



External system control switch

By default setting, control of the HP is only regulated by the buffer water temperature. We strongly recommend control by a time programmable system, thermostat/Programmer

To do so, connect a potential free signal output from a system programmable thermostat or wiring center to the **D4 & M** terminal block in the hydraulic Tower or station (D14 & M in the Manager module) & change configuration setting **SF14** in the service menu to by **REMOTE**.



When SF14 is set to “REMOTE”. Heating On/Off control is taken over by the thermostat. The touch screen can no longer turn the heating On or Off. The heating schedule On/Off function is not available. When the D4-M (D14-M in manager) connection is bridged by the thermostat, the unit is switched on and will go to standby after the buffer tank water temperature reaches the set point. When the connection is not made at the thermostat, the unit is off.

Note

Important: There must be good thermostat hysteresis to avoid short cycle.

The HP compressor needs to run continually for at least 20 minutes to permit a defrosting cycle. If the run cycles are always shorter than 20 minutes, defrost cannot be activated. This may cause a heavily frosted evaporator and may damage the appliance.

Temperature sensor for hot water (Station or Manager installs with A DHW Cylinder)

The domestic hot water sensor probe coiled within the hydraulic unit should be run into hot water cylinder temperature sensor probe inlet pocket (Ideally located above the middle and below 2 thirds of the cylinders height) if a DHW cylinder is optioned. - *If not required leave in place do not remove.*

200mm between power cables & sensor cables is required to avoid risk of interference

If the domestic hot water sensor cable runs close to power cables, then shielded cable must be used. If a conduit is used, it should be sealed to avoid condensation forming in the temperature sensor probe.