

TECHNICAL BULLETIN

PRODUCT: GREENSTAR CDI COMPACT

PRE-HEAT KIT (7-716-192-735) USED WITH A SINGLE COIL CYLINDER:

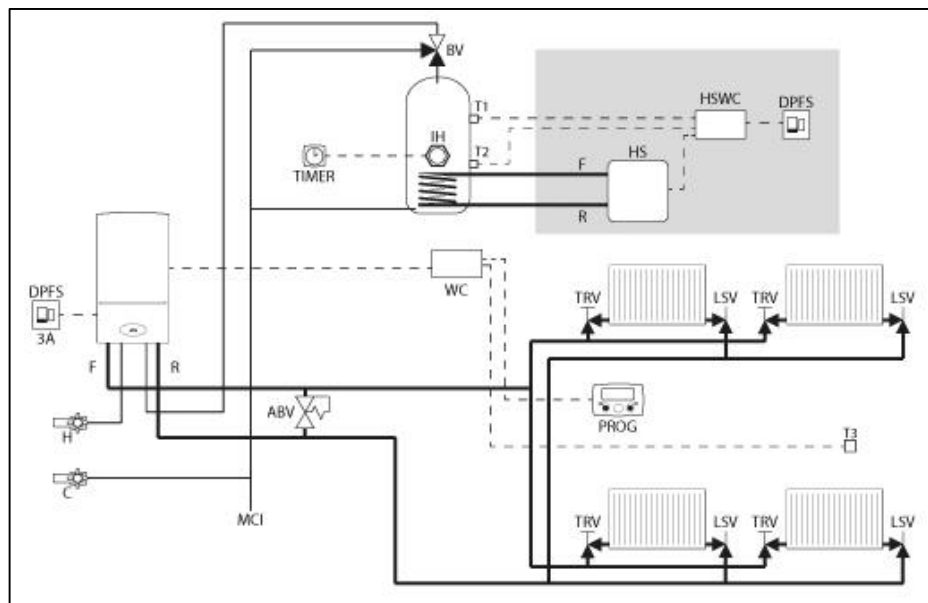
Pasteurisation (Legionella protection) utilising an immersion heater:

Guidance contained within the installation manual provided with the Greenstar CDi Compact domestic hot water pre-heat accessory provides a solution for pasteurisation utilising a twin coil cylinder and a dedicated heating circuit.

The following guidance can be referenced to attain pasteurisation protection utilising a single coil cylinder (Fig. 1).

Stored Pre-heated Domestic hot water must be heated to a minimum of 60°C, at least once a day for one hour.

We typically recommend that the timer is set to carry out pasteurisation during the evening period, thus utilising the secondary heat source to the maximum and minimising the need for additional input from the immersion heater.



- [ABV] Automatic Bypass Valve
- [BV] Blending Valve
- [C] Cold Water Outlet
- [DPFS] Double pole fused spur
- [F] Primary Flow
- [H] Hot water outlet
- [HS] Heat Source
- [HSWC] Heat Source Wiring Centre
- [IH] Immersion Heater
- [LSV] Lock shield valve
- [MCI] Mains Cold In
- [PROG] Programmer
- [R] Primary Return
- [T1] Heat Source high limit stat
- [T2] Heat Source cylinder stat
- [T3] Heating room stat
- [TIMER] 24hr Timer
- [TRV] Thermostatic radiator valve
- [WC] Wiring Centre

Fig. 1 Example system layout with key.

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