# Ultramix® & e-Ultramix® diagnostic checklist

So we can meet your needs as closely as possible,
please fill in and return this form (delete as appropriate and/or enter values)

## Product information:

Reference
Year
Required T° range
Commissioning date

## Data relating to Ultramix® and e-Ultramix® :

Required mixed water temperature °C
Domestic hot water temperature °C
Domestic cold water temperature °C
Hot water static pressure bar
Cold water static pressure bar
Hot water dynamic pressure bar
Cold water dynamic pressure bar

## Information about the DHW loop:

Loop return temperature °C
Furthest loop temperature °C
Recirculation pump present yes no
CW connection on loop return to mixing valve yes no
Loop thermal insulation yes no
Mixing valves present on return circuit yes no
Diversion to mixing valve CW yes no
Diversion to CW for HW production yes no
Non-return valve present yes no
Specify location
By-pass present yes no

## Type of draw-off point: (state quantities)

| | Standard | Timed | Other |
|---|---|---|---|
| Basin | | | |
| Shower | | | |
| Bath | | | |
| Bidet | | | |
| Sink | | | |
| Butler sink | | | |
| Other | | | |
| Not yet plumbed in | | | |

## Description of the problem:

## Purpose of request:

## System information:

Mixing valve location:
1. on the main loop yes no
2. upstream of the loop branches yes no
3. direct supply (open loop) yes no
Water softener present yes no
Water hardness °F
Water Ph PH
Type of pipes
Filtration system present yes no
Anti-microorganism chemical treatment yes no
Thermal shock treatment yes no
Thermal shock temperature °C
Thermal shock time (min) min
Treatment frequency
Automatic dosing pump yes no
Product used and concentration per litre of water
Reducing valve present yes no
Booster present yes no
CW buffer tank present yes no
HW buffer tank present yes no
Meter inlet pressure bar
Flow downstream of meter: peak period $m^3$
: average weighted monthly $m^3$
Main loop return speed $m^3$

## E-Ultramix information:

Remote mixed temperature probe yes no
Probe temperature °C
DHW production flow probe yes no
Loop return temperature probe yes no
Drain/flush valve(s) present yes no
Scald protection on draw-off points yes no
Motor control yes no
Connection to a BMS - data feedback only yes no
- e-Ultramix control yes no
Protection enclosure present yes no IP
Software version (e.g. : 1.16)

## System details:

Name
Address
City Post code
Owner
Building type Year of construction
Tel. Email

## Applicant's details:

Name
Address
City Post code
Function
Tel. Email