# **WATTS®**

# 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

CW connection on loop return to mixing valve

Loop thermal insulation

Mixing valves present on return circuit

Diversion to mixing valve CW

Diversion to CW for HW production

Non-return valve present

Specify location

By-pass present

## 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
2. upstream of the loop branches
3. direct supply (open loop)

Water softener present

Water hardness _____ °F

Water Ph _____ PH

Type of pipes

Filtration system present

Anti-microorganism chemical treatment

Thermal shock treatment

Thermal shock temperature _____ °C

Thermal shock time (min) _____ min

Treatment frequency

Automatic dosing pump

Product used and concentration per litre of water _____

Reducing valve present

Booster present

CW buffer tank present

HW buffer tank present

Meter inlet pressure _____ bar

Flow downstream of meter: peak period _____ m³
  : average weighted monthly _____ m³

Main loop return speed _____ m³

## E-Ultramix information:

Remote mixed temperature probe

Probe temperature _____ °C

DHW production flow probe

Loop return temperature probe

Drain/flush valve(s) present

Scald protection on draw-off points

Motor control

Connection to a BMS     - data feedback only
          - e-Ultramix control

Protection enclosure present    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