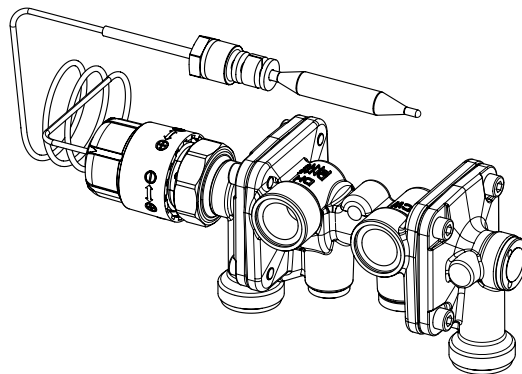


Installation Guide

IHPT - PN 16 / DN 15



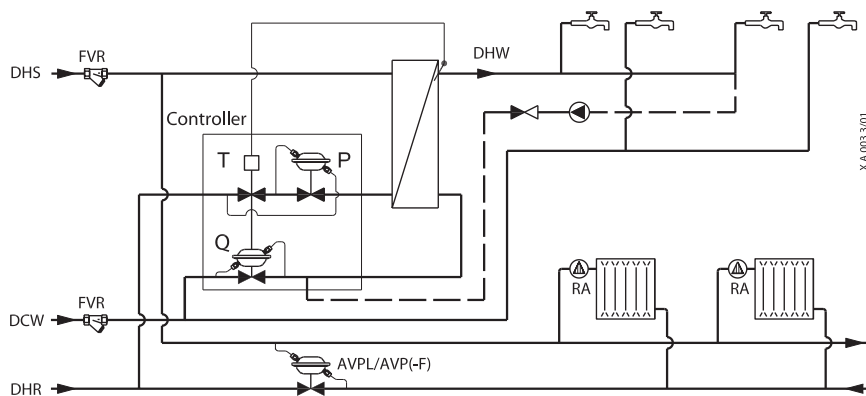
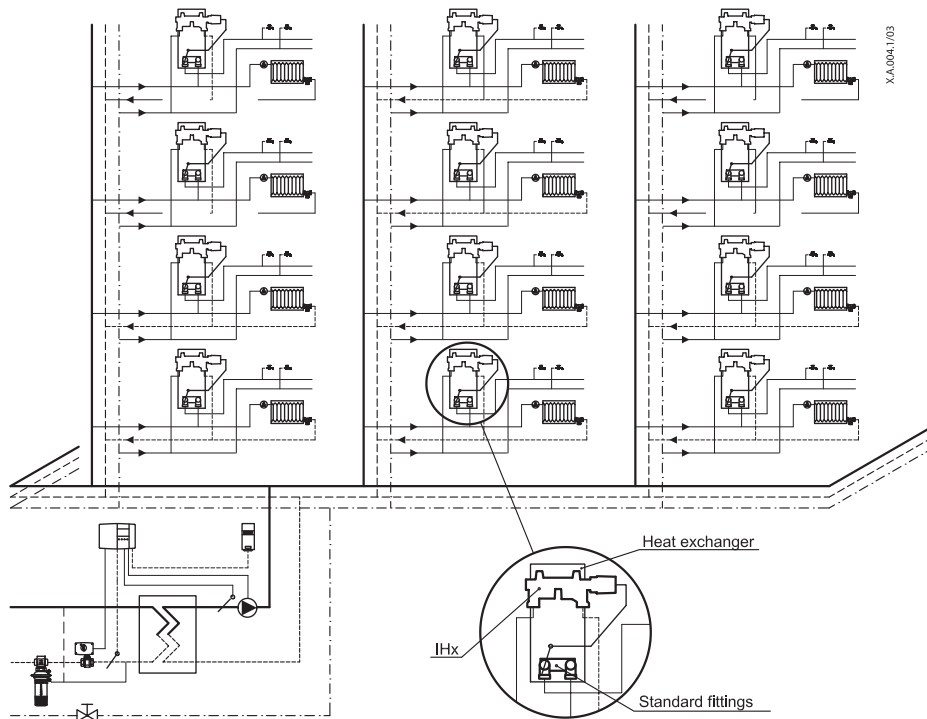
ENGLISH

Flow-compensated temperature controller with
 Δp controller built in

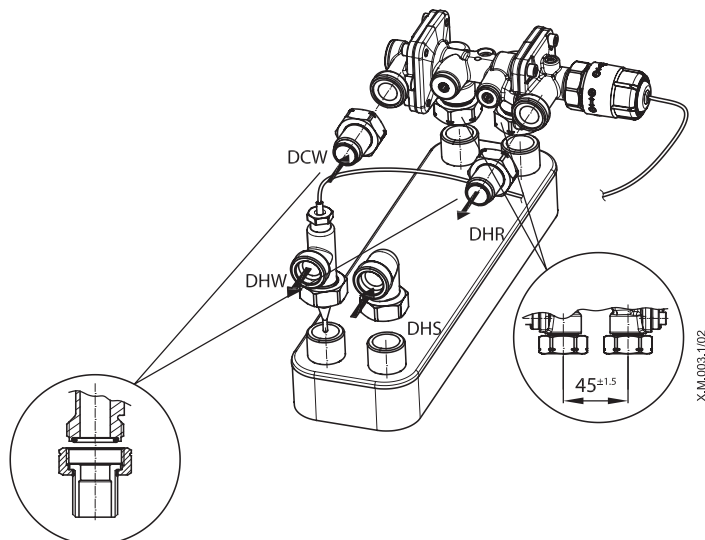
www.danfoss.com

Page 5

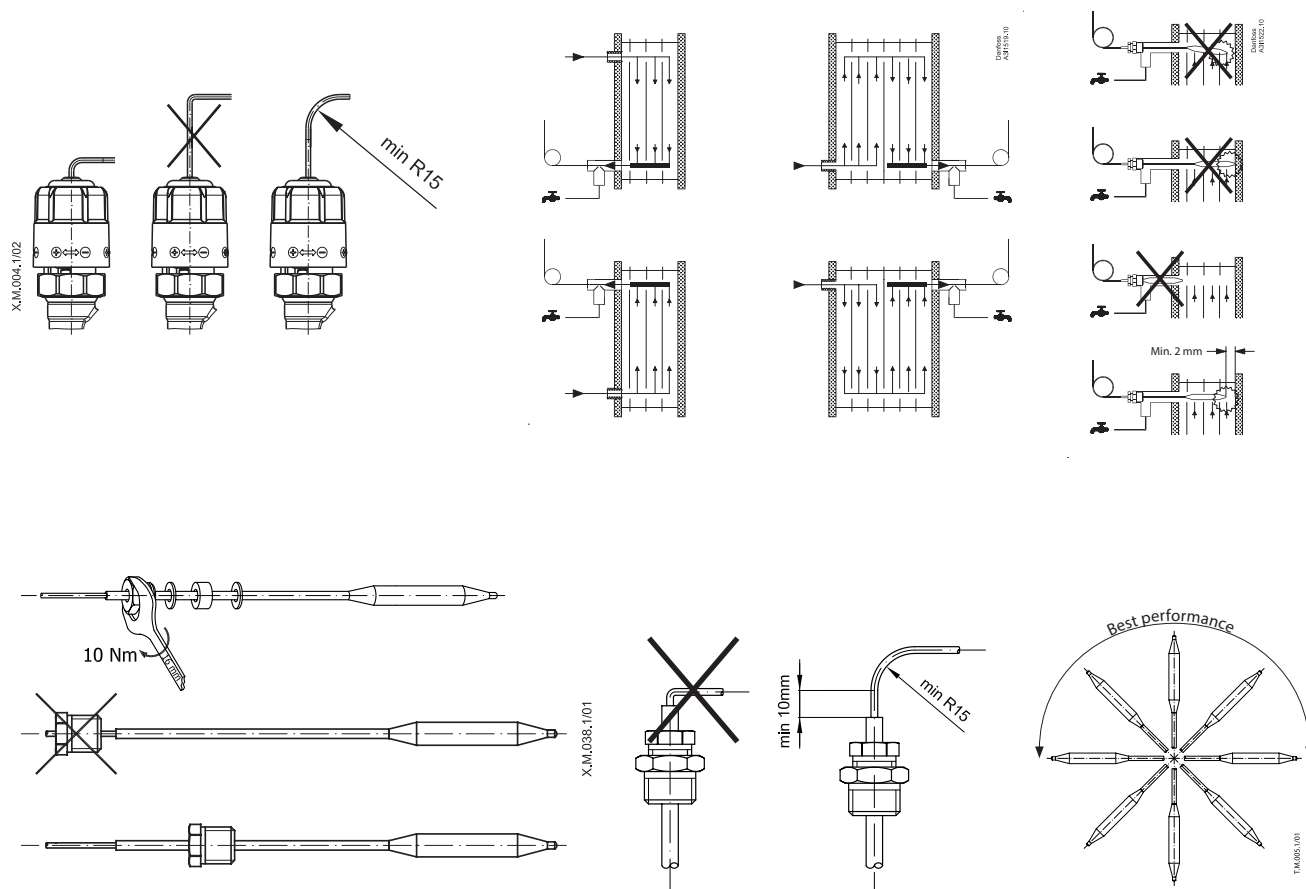
1



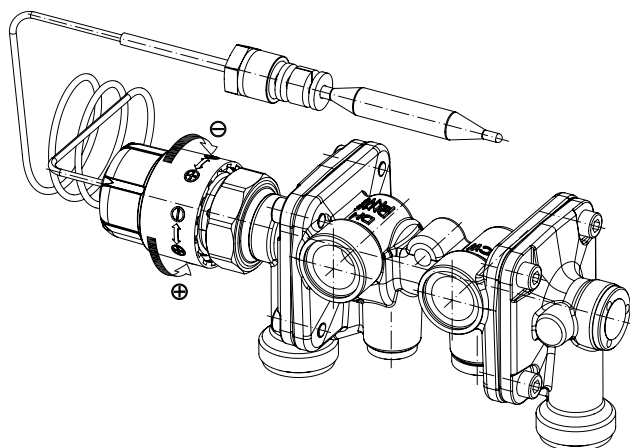
2



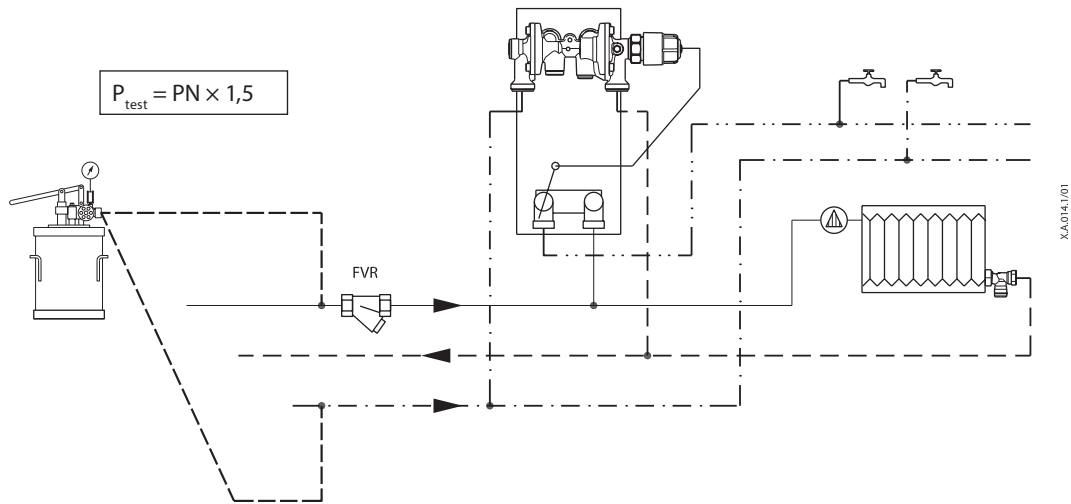
3



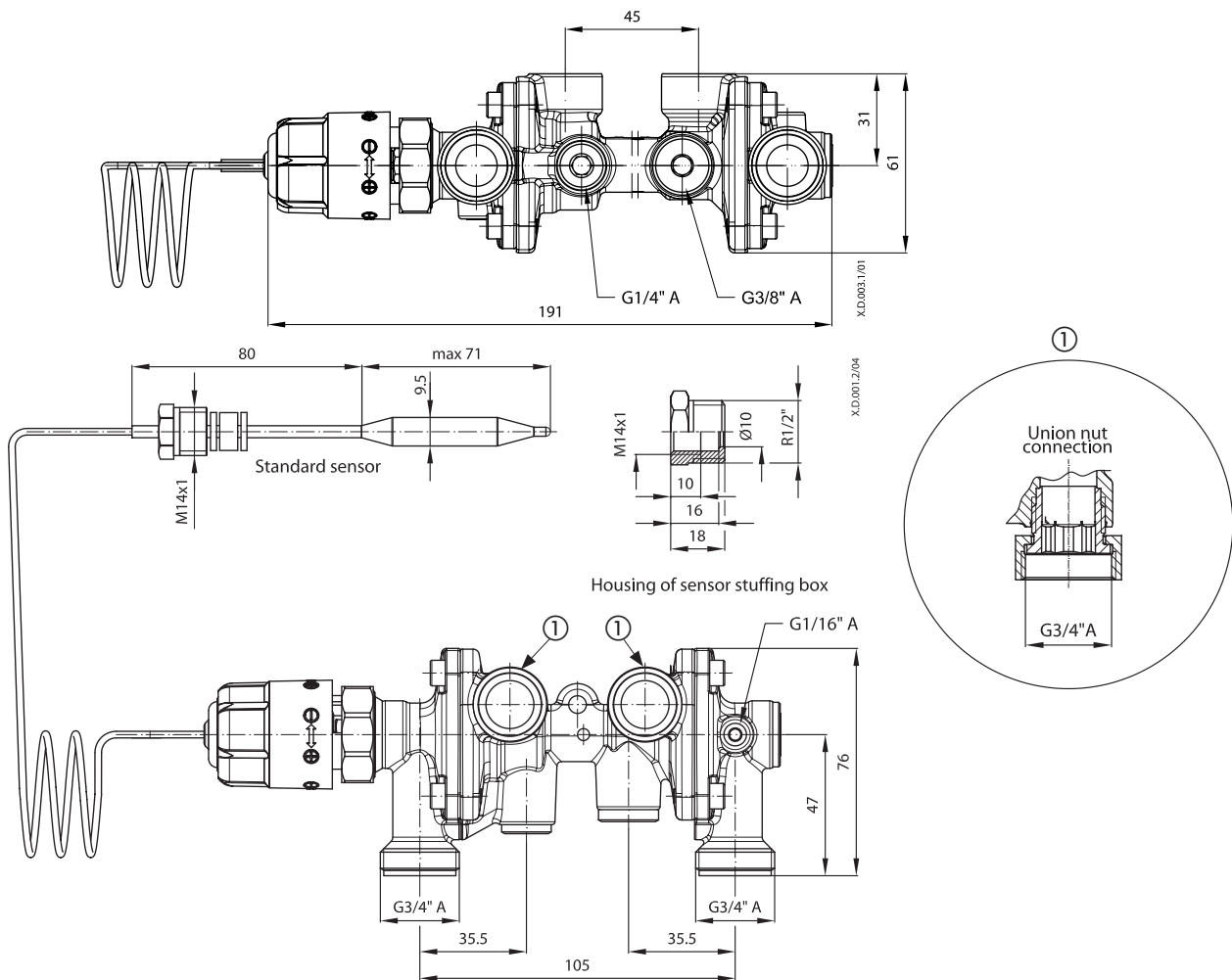
4



5



6



Installation Guide IHPT - PN 16 / DN 15

ENGLISH

Safety Notes



Prior to assembly and commissioning to avoid injury of persons and damages of the devices, it is absolutely necessary to carefully read and observe these instructions.

Necessary assembly, start-up, and maintenance work must be performed only by qualified, trained and authorized personnel.

Prior to assembly and maintenance work on the controller, the system must be:

- depressurized,
- cooled down,
- emptied and
- cleaned.

Please comply with the instructions of the system manufacturer or system operator.

Strainers installation

It is strongly recommended to install strainers on both the cold water pipeline and the district heating supply line.

Definition of Application ①

IHPT is an integrated self-acting controller developed for controlling instantaneous heating of domestic hot water with heat exchangers.

The capacity of the controller fully cover the needs of domestic hot water for flats, one family houses or dwellings and can be mounted to district heating network directly, to a block of heating systems or central located boiler system in a dwelling house.

Mounting ②

Sensor mounting ③

Temperature setting ④

Pressure test ⑤

$P_{test} = PN \times 1,5$

PN - see product label!



Check PN of other equipment on secondary side.

Dimensions ⑥

① Union nut connection

