

THERMAL CONDUCTIVE CYLINDER INSTALLED WITH U-TYPE CORE PIPING AND LOOP PIPING

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ABSTRACT

The present invention relates to a thermal conductive cylinder installed with U-type core piping and loop piping for being installed within the natural thermal storage body or artificial thermal storage body; wherein the piping segments of fluid inlet terminal and/or outlet terminal
10 of the U-type core piping and loop piping are directly made of thermal insulating material, or thermal insulating structure is installed between the inlet terminal and the outlet terminal; so as to prevent thermal energy loss between adjacent piping segments on the same side when thermal conductive fluid with temperature difference passing through.

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Figure 12