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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 23681-2009

**Refrigerating systems and heat pumps -- System flow diagrams
and piping instrument diagrams -- Layout and symbols**

制冷系统和热泵 系统流程图和管路仪表图 绘图与符号

(English Translation)

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What this standard covers

This standard specifies the symbols and rules of drawing refrigeration systems and heat pumps and piping system flow chart diagram of the instrument. These graphics illustrate not only the structure and function of the refrigeration system, and is composed of the refrigeration system design, production, installation, production, run, maintenance and downtime necessary part of all technical documents. This standard applies to vapor compression refrigeration, absorption refrigeration, steam jet refrigeration, vortex tube cold, air cooling, absorption refrigeration cooling achieved by working fluid status changes refrigeration system. This standard does not apply to internal heat transfer system implemented by the electrical circuit cooling system, such as the Peltier effect.

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