

ICS 27.200
CCS J73

JB

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

JB/T 15559-2026

**Adaptive passive expansion valves for refrigerating systems
and heat pumps**

制冷系统及热泵用自适应无源膨胀阀

(English Translation)

Issued on: February 13, 2026

Implemented on: September 1, 2026

Issued by: Ministry of Industry and Information Technology

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

JB/T 15559-2026 is a recommended industry standard of the People's Republic of China in the Machinery sector, approved and issued by the Ministry of Industry and Information Technology on 13 February 2026, with effect from 1 September 2026.

It is administered by the National Technical Committee for Refrigeration and Air Conditioning Equipment Standardization (SAC/TC 238).

Classification: ICS 27.200; CCS J73.

1 Scope

The document applies to adaptive passive expansion valves for refrigerating systems and heat pumps. An expansion valve controls the flow of refrigerant into the evaporator; this type adjusts itself to operating conditions without an external power supply or controller. JB/T 15559-2026 treats the valve as a product.

Valve and refrigeration component manufacturers, makers of refrigeration and heat pump systems, buyers and test laboratories are its users. It is a voluntary standard (code with /T). The Ministry of Industry and Information Technology approved it; it was issued on 13 February 2026 and takes effect on 1 September 2026. It is a new standard.