

# Automotive Air Conditioning Expansion Valve

This thermostatic expansion valve regulates the flow of refrigerant into the evaporator based on the evaporator's temperature and pressure. The valve features a brass body with threaded connections and a remote sensing bulb that monitors the evaporator outlet temperature to maintain cooling performance.



## Product Overview

### Thermostatic Expansion Valve (TXV)

This thermostatic expansion valve is precision-engineered for automotive air conditioning systems. It effectively regulates the flow of refrigerant into the evaporator by dynamically adjusting based on real-time temperature and pressure readings. Featuring a durable brass body and a responsive remote sensing bulb, this component ensures optimal cooling performance and system efficiency for various automotive applications.

## Technical Specifications

Body Material	Brass
Mechanism Type	Diaphragm-operated
Connection Style	Threaded
Sensing Method	Remote sensing bulb with capillary tube

## Application

Compatible Systems	Automotive Air Conditioning, HVAC Systems
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