



Thermostatic Expansion Valves

Factory Authorized Parts™ have been designed and built specifically for Carrier®, Bryant® or Payne® equipment. These parts are the perfect fit, restoring equipment to its original performance and are available at your local Carrier, Bryant or Payne equipment distributor. **2-Year warranty** on all Factory Authorized Parts™ excluding compressors and commercial applied parts.

		Factory Authorized Parts™ TXVs (Thermostatic Expansion Valves)
System Performance	Features	
	Balance port/Pressure drop across valve	Has balanced port design and allows TXV to be independent of high ambient conditions and reduces the risk of oversized valve.
	Bleed port and /or rapid pressure balancer	Majority of Factory Authorized Parts TXVs have a bleed port (sometimes rapid pressure balancer) ranging from 5% to 40%, which in addition to equalization provides 5% to 40% extra capacity.
	Superheat Adjustment	Majority of Factory Authorized Parts TXVs are non-adjustable - set to special superheat setting to keep evaporator coil completely refrigerated under Carrier Corporation design conditions.
System Reliability	System Charging	Proper subcooling is specified for CBP equipment and usually is a part of data plate and technical specifications. Sizing of the valve reflect unit design to provide adequate amount of subcooling.
	Internal valve design	™™™™ Very stringent internal leakage and external leakage requirements. Valve to satisfy reliability requirements per Carrier Reliability Requirement CC14DC511
Installation & Serviceability	Connections	Always matches CBP system design requirements. Majority of valves have extended connections which makes brazing much easier.
	Built-in check valve	Presence of built in check valve assures bi-flow capability.
	Superheat Adjustment	Preset - no adjustable stems on product
Safety	Extended connections	Reduce risk of damaging valve's interior parts and thermostatic element with a torch flame.
	Design life	100,000 cycles; 15 years.

Factory Authorized Parts™ are the ONLY replacement parts authorized by Carrier Corporation for use on Carrier®, Bryant® and Payne® branded equipment.

Factory Authorized Parts™ are only available thru your local Totaline® Sales Center.