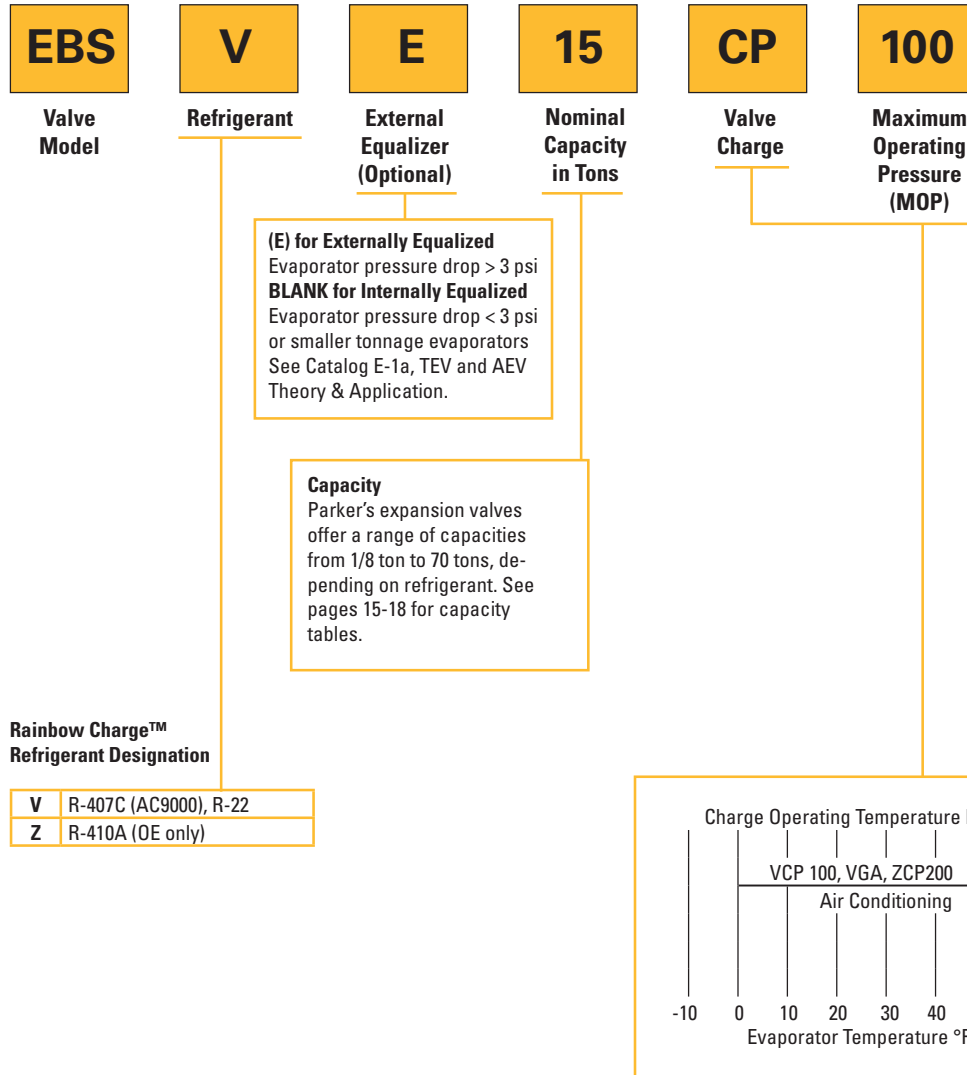


TEV Model Number Selection Guide

Nomenclature (Example) – EBS, OE Valves



†Charge Type

"W" (all-purpose) liquid charge maintains nearly flat superheat control over a -40°F to +60°F (-40°C to +15°C) evaporator temperature range.

"Z" (low temperature) charge provides fast pull-down benefits like a gas charge with the non-migrating benefits of a liquid charge; usable over a -40°F to 0°F (-40°C to -20°C) evaporator temperature range.

"X" (damped response) gas charge provides a pressure limiting (MOP) charge with anti-hunt characteristics over a -40°F to +60°F (-40°C to +15°C) evaporator temperature range.

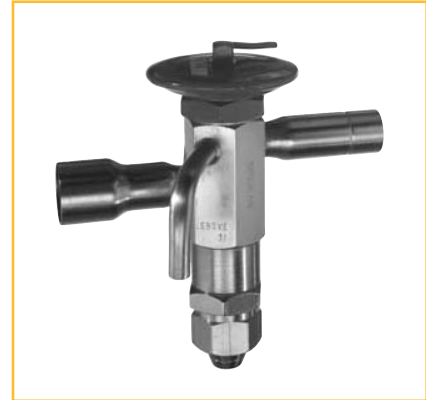
Notes: M.O.P. not available on "W" or "Z" charge.

*May not be used on systems in which bulb temperature will exceed 130°F (i.e. defrost). Contact Parker for pressure and temperature.

1. Maximum operational pressure 500 psig (35 bar).
2. Maximum storage temperature 130°F (55°C).
3. Consult Parker for pressure and temperature exceptions.
4. Do not use "W" or "Z" liquid charges in applications where bulb temperatures can exceed 130°F (55°C). For these applications use type "X" MOP gas charge *only*.

EBS Series

The EBS series valve is a brass bar body valve for R-22 and R-407C. The Type EBS features a balanced port construction and extended ODF connections. The thermostatic element is replaceable. The balanced port construction makes this valve ideally suited for air conditioning applications which operate over widely varying conditions.



Applications

- Air Conditioning

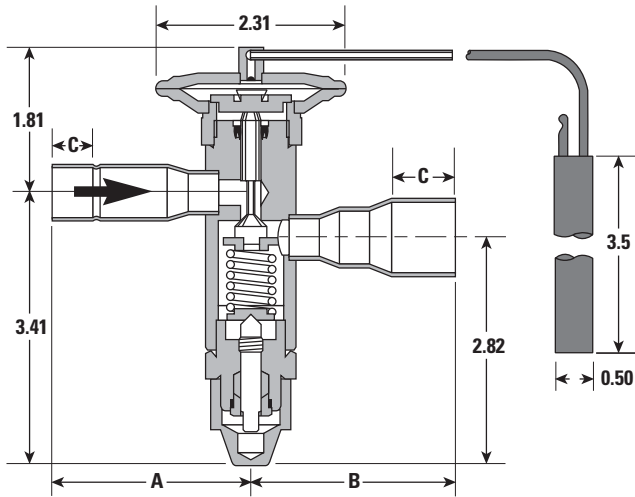
Features and Benefits

- Balanced port design
- Removable power element
- Field adjustable superheat
- 1/4" sweat external equalizer

Element Size Number 83

Refrigerant	Refrigerant Designation	Type	Thermostatic Charge	Standard Tubing Length (Feet)	Nominal Capacity (Tons)	Connections (Inches) Extended ODF Solder		
		Externally Equalized				Inlet	Outlet	External Equalizer (pointing down parallel to body)
R-22 R-407C	V	EBSVE-8	CP100	5	8	5/8	7/8	1/4
		EBSVE-11			11	5/8	7/8	1/4
		EBSVE-15			15	7/8	1-1/8	1/4
		EBSVE-20			20	7/8	1-3/8	1/4

Dimensions - Inches



Fitting Size	A	B	C
5/8	2.46	—	.50
7/8	2.46	2.53	.75
1-1/8	—	2.53	.81
1-3/8	—	3.04	.97

