

Thermostatic Expansion Valves



Emerson

T Series

Nominal Capacities

Valve Style	Cat. No.	Model No.	Part No.	Nominal Capacity kW							
				R22, R407C			R134a			R404A/R507	
				A/C	M/T	L/T	A/C	M/T	L/T	M/T	L/T
TCLE	2707110	X22440-B1B	037035	1.8	2.0	1.3	1.4	1.4	1.0	1.2	0.9
TCLE	2707111	X22440-B2B	037037	3.6	3.8	2.6	2.6	2.8	1.9	2.4	1.7
TCLE	2707112	X22440-B3B	037039	7.6	8.1	5.5	5.5	5.8	3.9	5.3	3.7
TCLE	2707113	X22440-B4B	037041	16.7	17.8	12.1	12.3	12.8	8.7	11.5	8.1
TCLE	2707114	X22440 B5B	037043	21.5	22.8	15.5	15.7	16.4	11.1	14.8	10.5
TCLE	2707115	X22440 B6B	037045	29.4	31.2	21.2	21.4	22.4	15.2	20.2	14.3
TCLE	2707116	X22440-B7B	037047	39.7	42.2	28.7	29.1	30.4	20.6	27.3	19.3
TCLE	2707117	X22440-B8B	037049	46.2	49.1	33.3	33.8	35.3	24.0	31.8	22.5
TJLE	2707118	XC724-B4B	093343	38.6	41.7	33.8	27.7	29.1	20.9	26.9	21.7
TJLE	2707119	XC724-B5B	038699	49.2	53.2	43.1	36.7	38.1	26.6	34.3	27.7
TJRE	2700216	X11873-B4B	088837	56.0	59.6	40.5	40.9	42.7	29.0	37.6	26.7
TJRE	2707106	X11873-B5B	089058	71.5	76.0	51.6	51.8	54.1	36.7	48.0	34.0
TER	2707120	X9117-B6B	077896	87.9	93.5	63.5	64.5	67.4	45.7	59.2	42.0
TER	2707109	X9117-B7B	078117	100.5	106.9	72.5	73.6	76.9	52.2	67.7	48.0
TER	2707121	X9117-B8B	071155	138.2	146.9	99.8	101.7	106.3	72.2	93.1	66.0
TER	2707122	X9117-B9B	029429	168.1	178.8	121.4	122.6	128.1	87.0	112.8	80.0
TIR	2707123	X9166-B10B	070738	215.5	229.1	155.6	158.0	165.2	112.1	144.8	102.6
THR	2707124	X9144-B11B	020846	244.5	260.0	176.5	179.0	187.0	126.9	163.6	113.9
THR	2707125	X9144-B13B	021067	291.8	310.3	210.7	214.4	224.0	152.0	196.5	139.3

Nominal Capacities based on:

AC: 7°C evaporating temperature, 46°C condensing temperature, 1K liquid sub-cooling, 200kPa pressure drop across distributor and line components.

MT: -4°C evaporating temperature, 46°C condensing temperature, 1K liquid sub-cooling, 200kPa pressure drop across distributor and line components.

LT: -23.3°C evaporating temperature, 42°C condensing temperature, 1K liquid sub-cooling, 200kPa pressure drop across distributor and line components.