

Thermostatic Expansion Valves



Emerson

TI Series with Interchangeable Orifice Assembly

TI Series Valves with interchangeable orifices provide the capability of changing capacity with only the change of an orifice.

Orifice Assembly (including Strainer)



Cat. No.	Model No.	Part No.	Nominal Capacity kW*									
			R22, R407C		R134a		R404A, R507		R448A		R449A	
			M/T	L/T	M/T	L/T	M/T	L/T	M/T	L/T	M/T	L/T
2707189	0X	800532	0.6	0.4	0.3	0.2	0.4	0.3	0.5	0.4	0.5	0.4
2707182	0	800533	1.4	1	0.9	0.6	1	0.7	1.4	0.9	1.4	0.9
2707183	1	800534	3.6	2.5	2.1	1.4	2.3	1.6	3.4	2.3	3.2	2.2
2707184	2	800535	5.9	4.1	3.4	2.3	4	2.8	5.6	3.8	5.4	3.7
2707185	3	800536	9.5	6.6	5.4	3.7	6.3	4.4	8.9	6.1	8.7	5.9
2707186	4	800537	15.5	10.8	9	6.1	10.3	7.2	14.6	10	14.1	9.7
2707187	5	800538	18.8	13.1	10.9	7.4	12.5	8.8	17.7	12.1	17.2	11.8
2707188	6	800539	21.7	15.2	12.7	8.6	14.4	10.2	20.3	13.9	19.9	13.6

Nominal Capacities based on:

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.