

TI - Thermo™-Expansion Valve Series

Selection table - Orifices

		Orifice type Part No.	Nominal capacity (kW)							
			TIO-00X 800532	TIO-000 800533	TIO-001 800534	TIO-002 800535	TIO-003 800536	TIO-004 800537	TIO-005 800538	TIO-006 800539
Refrigerant	A1	R134a	0.3	0.8	1.9	3.1	5	8.3	10.1	11.7
		R404A/R507	0.4	1	2.3	3.9	6.2	10.1	12.3	14.2
		R407C	0.5	1.4	3.5	5.7	9.2	15	18.3	21.1
		R410A	0.6	1.5	3.7	6.2	9.9	16.2	19.7	22.8
		R448A	0.5	1.3	3.2	5.3	8.5	13.9	16.9	19.4
		R449A	0.5	1.3	3.1	5.2	8.3	13.5	16.5	19.0
		R513A/R450A	0.3	0.7	1.7	2.8	4.5	7.5	9.1	10.6
		R452A	0.4	1	2.4	4	6.4	10.5	12.8	14.8
	A2L	R1234ze	0.2	0.6	1.5	2.4	3.9	6.5	7.9	9.1
		R455A	0.5	1.2	3.0	5.0	8.1	13.2	16.0	18.5
		R454C	0.4	1.1	2.6	4.3	7.0	11.4	13.8	16.0
		R1234yf	0.2	0.6	1.4	2.2	3.6	6.0	7.3	8.4
		R32	0.9	2.3	5.6	9.2	14.8	24.1	29.3	33.9

Note: Evaporating Temperature +4°C (dew point), Condensing Temperature +38°C (bubble point), Subcooling 1 K
 For other operating conditions use the quick selection tables in this document or the "Controls Navigator 4.1" selection tool.