

REFRIGERATION & AIR CONDITIONING

Emerson Flow Controls Expansion Valves



T-Series Take-Apart Valve Cages

- Externally equalized
- Cages for TER, TIR and THR are all balanced port



Order #	Mfg. #	For Use With	R12 Capacity	R22 Capacity	R404A/R507 Capacity	Each
B12-216	X22440B2B	TCLE	1/2	1	1/2	105.00
B12-217	X22440B3B	TCLE	1	2	1	105.00
B12-218	X22440B4B	TCLE	2	3	2	105.00
B12-219	X22440B5B	TCLE	3	5	3	105.00
B12-220	X22440B6B	TCLE	4	7-1/2	4-1/2	105.00
B12-221	X22440B7B	TCLE	6-1/2	10	7	105.00
B12-222	X22440B8B	TCLE	7-1/2	12	8	109.00
B14-131	XC-724-B4B	TJLE	7	11	7	169.00
B14-132	XC-724-B5B	TJLE	8	14	9	169.00

Order #	Mfg. #	For Use With	R12 Capacity	R22 Capacity	R404A/R507 Capacity	Each
B14-115	X-9117-B6B	TER	13	22	14	489.00
B14-116	X-9117-B7B	TER	15	26	16	489.00
B14-117	X-9117-B8B	TER	20	35	21	489.00
B14-118	X-9117-B9B	TER	25	45	27	489.00
B14-122	X-9166-B10B	TIR	35	55	37	875.00
B14-119	X-9144-B10B	THR	35	55	37	935.00
B14-120	X-9144-B11B	THR	45	70	48	935.00
B14-121	X-9144-B13B	THR	55	85	60	935.00

T-Series Take-Apart Valve Power Assemblies

- All power assemblies externally equalized except B14-123
- Available in rapid response bulb by special order

Order #	Mfg. #	Refrig. Type	Capillary Length	For Use With	Each
B14-123	XB-1019-FC-1A	R12 Med. Temp.	5'	TCL	335.00
B12-223	XB-1019-FC1B	R12 Med. Temp.	5'	TCLE, TJLE, TJR	315.00
B14-124	XB-1019-FC-2B	R12 Med. Temp.	10'	TCLE, TJLE, TJR	335.00
B12-224	XB-1019-HC-1B	R22 Med. Temp.	5'	TCLE, TJLE, TJR	309.00
B14-125	XB-1019-HC-2B	R22 Med. Temp.	10'	TCLE, TJLE, TJR	335.00
B14-126	XB-1019-HW100-1B	R22 Press. Limiting	5'	TCLE, TJLE, TJR	335.00
B14-127	XB-1019-HW100-2B	R22 Press. Limiting	10'	TCLE, TJLE, TJR	335.00
B14-128	XB-1019-HZ-1B	R22 Low Temp.	5'	TCLE, TJLE, TJR	335.00
B13-330	XB-1019-RC1B	R502 Med. Temp.	5'	TCLE, TJLE, TJR	315.00
B12-225	XB-1019-RZ1B	R502 Low Temp.	5'	TCLE, TJLE, TJR	315.00
B14-129	XB-1019-RW35-1B	R502 Press. Limiting	5'	TCLE, TJLE, TJR	335.00
B14-130	XB-1019-RW45-1B	R502 Press. Limiting	5'	TCLE, TJLE, TJR	335.00
B12-226	XC-726-HC-2B	R22 Med. Temp.	10'	TER, TIR, THR, TMR	835.00
B14-133	XC-726-HW100-2B	R22 Press. Limiting	10'	TER, TIR, THR, TMR	889.00



T-Series Take-Apart Valve Accessories

Order #	Mfg. #	Description	Each
B12-227	X13455-1	Flange and Seat Gasket Kit (Strip)	14.49
B13-991	E-642	Packing Nut Wrench for T Series Valves	169.00

TRAE Series Large Tonnage Expansion Valves

- Balanced port design improves valve operation and stability under low load conditions
- Integral body construction with straight-through connections
- External superheat adjustment
- Larger tonnages available upon request



Order #	Mfg. #	Capacity Tons	Refrig. Type	Equal. Type	Temp. °F	Inlet Conn.	Outlet Conn.	Each	10 Lot
B14-080	TRAE+15HCA	15	R22	External	-20 to +50	7/8"	1-1/8"	485.00	439.00
B12-228	TRAE+20HCA	20	R22	External	-20 to +50	7/8"	1-1/8"	525.00	479.00
B12-229	TRAE+30HCA	30	R22	External	-20 to +50	1-1/8"	1-3/8"	525.00	479.00
B12-230	TRAE+40HCA	40	R22	External	-20 to +50	1-1/8"	1-3/8"	829.00	755.00
B12-231	TRAE50HC	50	R22	External	-20 to +50	1-1/8"	1-3/8"	1099.00	979.00
B14-078	TRAE60HC	60	R22	External	-20 to +50	1-1/8"	1-3/8"	1145.00	1045.00
B14-079	TRAE70HC	70	R22	External	-20 to +50	1-1/8"	1-3/8"	1145.00	1045.00