

CAREL ELECTRONIC EXPANSION VALVES & DRIVERS

E2V Electronic Expansion Valves

Airefrig Part Number	Description	List Price Ex GST
E2V05BSF00	EEV with 12mm copper connections - size 05	\$401.83
E2V09BSF00	EEV with 12mm copper connections - size 09	\$401.82
E2V11BSF00	EEV with 12mm copper connections - size 11	\$401.82
E2V14BSF00	EEV with 12mm copper connections - size 14	\$401.82
E2V18BSF00	EEV with 12mm copper connections - size 18	\$401.82
E2V24BSF00	EEV with 12mm copper connections - size 24	\$401.82
E2V30BSF00	EEV with 16mm copper connections - size 30	P.O.A.
E2V35BSM00	EEV with 16mm copper connections - size 35	\$401.82



E3V Electronic Expansion Valves

Airefrig Part Number	Description	List Price Ex GST
E3V45ASR00	EEV with 18-22mm copper connections - size 45	\$966.87
E3V55ASR00	EEV with 18-22mm copper connections - size 55	\$966.66
E3V65ASS00	EEV with 22-28mm copper connections - size 65	\$1,054.57



E4V Electronic Expansion Valves

Airefrig Part Number	Description	List Price Ex GST
E4V85AST00	EEV with 22-35mm copper connections - size 85	\$1,441.23
E4V95AST00	EEV with 22-35mm copper connections - size 95	\$1,595.05



E5V Electronic Expansion Valves

Airefrig Part Number	Description	List Price Ex GST
E5VA5AST00	EEV with 35mm copper connections - size 150	P.O.A.

E6V Electronic Expansion Valves

Airefrig Part Number	Description	List Price Ex GST
E6VB2ASV00	EEV with 42mm copper connections - size 200	\$ 2510.68



E7V Electronic Expansion Valves

Airefrig Part Number	Description	List Price Ex GST
E7VC1ASZ00	EEV with 54mm copper connections - size 310	P.O.A.

Accessories for Electronic Expansion Valves

Airefrig Part Number	Description	List Price Ex GST
E2VCAB0300	Electrical connector for E*V with 3m cable IP67	P.O.A.
E2VCABS600	Elec. connector for E*V with 6m cable shielded IP67	\$85.74
EEVMAG0000	Tool for manual driving of EEV stepper valve	P.O.A.
E2VSTA0000	E2V Type "A" spare coil	P.O.A.
E2VSTA0200	E2V Type "B" spare coil	\$125.54
E3VSTA0000	E3V spare coil	P.O.A.
E4VSTA0000	E4V spare coil	\$272.07
E5VSTA0000	E5V spare coil	P.O.A.
E6VSTA0000	E6V spare coil	P.O.A.
E7VSTA0000	E7V spare coil	P.O.A.

CAREL ELECTRONIC EXPANSION VALVES & DRIVERS

EVD Evolution Electronic Expansion Valve Drivers

Airefrig Part Number	Description	List Price Ex GST
EVD0000E20	Driver for EEV (RS485) - universal valve types	\$721.86
EVD0000E50	Driver for EEV (RS485) - CAREL valve types	\$478.95
EVD0000T40	Twin Driver for EEV (pLAN) - CAREL valve types	P.O.A.
EVD0000T50	Twin Driver for EEV (RS485) - CAREL valve types	\$729.90
EVDIS00EN0	Display for EVD Evolution	\$405.90

EVD Evolution Kits

Airefrig Part Number	Description	List Price Ex GST
EVD00N3E2K	EVD Evo Driver Kit - Universal valves including Carel	\$1,116.54
EVD00N3E5K	EVD Evo Driver Kit - Carel Valves Only	\$823.35

Kits include driver (without display), ratiometric pressure sensor and cable, valve cable and temp sensor.

EVD Evolution Power Solutions Panels

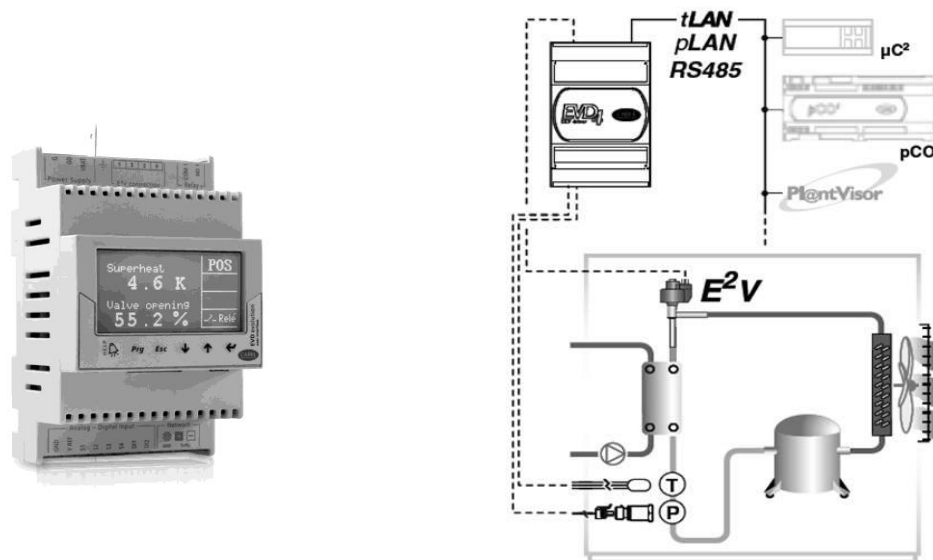
Airefrig Part Number	Description	List Price Ex GST
EDVPN01007	Pre wired panel without Ultracap - Carel Valves Only	\$1,560.00
EDVPN01008	Pre wired panel with Ultracap - Carel Valves Only	\$2,085.00

Kits include driver (without display), ratiometric pressure sensor and cable, valve cable and temp sensor, already prewired with transformer and circuit breaker in an insulated mounting box.

Accessories for Electronic Expansion Valves Drivers

Airefrig Part Number	Description	List Price Ex GST
EVD CAB0500	EVD4 cable with connections, 5m	P.O.A.
EVD0000UC0	Ultracap module for EVD Evolution	\$484.65
CVSTDUTTLO	Converter TTL - USB for EVD4 (com. with PC)	\$398.91
CVSTD0TTL0	Converter TTL - 232 for EVD4	P.O.A.
EVD CNV00E0	Converter tLAN – USB for EVD Evolution	P.O.A.
NTC_____	NTC sensor (Select suitable option)	P.O.A.
SPKT0013R0	Ratiometric pressure sensor -1 to 9.3 bar	\$181.53
SPKC_____	Connector for SPKT	P.O.A.
TRADRBE240	Din rail mount 240/24Vac 20VA transformer	\$136.35

Pre-configuration of the drivers is available if required.



ELECTRIC EXPANSION VALVES

Sporlan Electric Expansion Valves

Features

- Step motor operated for precise control
- High resolution drive assembly - 0.02 mm per step
- Tight seating
- Corrosion resistant materials used throughout
- Field proven reliability
- Low power consumption - 4 watts
- Unique built-in Sight Glass – indicates valve operation, moisture levels & refrigerant quality (SEHI only)
- Compatibility tested with most CFC, HCFC, and HFC refrigerants and oils
- Self lubricating materials used for long life
- High linear force output

SEI Series

Airefrig Part Number	Connection Type	Body Type	*Nominal Capacity (Ton)	Cable Length	List Price Excl GST
SEI0510S	3/8 x 1/2 ODF	Angled	0.5	10 ft	\$969.92
SEI3510S	3/8 x 1/2 ODF	Straight	3.5	10 ft	\$746.92
SEI610S	1/2 x 5/8 ODF	Straight	6.0	10 ft	\$820.38
SEI8510S	1/2 x 5/8 ODF	Straight	8.5	10 ft	\$841.66
SEI1110S	1/2 x 5/8 ODF	Angled	11.0	10 ft	\$820.88
SEI1140S	5/8 x 5/8 ODF	Angled	11.0	40 ft	\$944.86
SEI3010S	7/8 x 1-1/8 ODF	Straight	30.0	10 ft	\$1,205.25
SEI5010S	1-1/8 x 1-3/8 ODF	Straight	50.0	10 ft	\$1,131.65

*Nominal capacity based on R22, 38°C liquid temp, 6 bar press drop, 5°C evap temp & full stroke.



SER Series

Airefrig Part Number	Connection Type	Body Type	*Nominal Capacity (Ton)	Cable Length	List Price Excl GST
SERAA10S	3/8 x 1/2 ODF	Angled	0.56	10 ft	\$476.24
SERA10S	3/8 x 1/2 ODF	Angled	1.22	10 ft	\$484.88
SERB10S	3/8 x 1/2 ODF	Angled	2.5	10 ft	\$497.86
SERC10S	3/8 x 1/2 ODF	Angled	6.8	10 ft	\$510.83
SERD10S	3/8 x 1/2 ODF	Straight	13.8	10 ft	\$509.00

*Nominal capacity based on R22, 38°C liquid temp, 6 bar press drop, 5°C evap temp & full stroke.



SHE Series

Airefrig Part Number	Connection Type	Body Type	*Nominal Capacity (Ton)	Cable Length	List Price Excl GST
SEH10010S11X13	1-3/8 x 1-5/8 ODF	Straight	100.0	10 ft	\$1,275.12

*Nominal capacity based on R22, 38°C liquid temp, 6 bar press drop, 5°C evap temp & full stroke.

