

# SOLENOID VALVES - DANFOSS

## Danfoss Solenoid Valves – Less Coils

Airefrig Part Number	Body Type	Connections (extended copper tails)	Maximum Working Pressure	List Price Excl GST
32F1206	EVR3	1/4" ODS	507 psig	\$91.21
32F1212	EVR6	3/8" ODS		\$123.86
32F1217	EVR10	1/2" ODS		\$212.80
32F1228	EVR15	5/8" ODS	464 psig	\$258.40
32F1225	EVR15	7/8" ODS		\$258.40

Normally closed valves

Refrigerants: CFC, HCFC, HFC

Temperature of medium: -40 - +105°C (10 W / 12 W coil)

Min. opening differential pressure, EVR 2-3: 0.0 bar, EVR 6-22: 0.05 bar, EVR 25-32: 0.20 bar

## Danfoss Solenoid Valves Coils

Airefrig Part Number	Description	List Price Ex GST
18F6702	Coil 10watt 240Volt AC 50Hz IP67 Terminal Box	\$103.37
18F6707	Coil 10watt 24Volt AC 50Hz IP67 Terminal Box	\$103.37
18F6856	Coil 20watt 12DC 50Hz IP67 Terminal Box	\$127.22

Body Type	Rated Nominal Capacity (kw)											
	Liquid				Suction Vapour				Hot Gas			
	R22	R134A	R404A	R407C	R22	R134A	R404A	R407C	R22	R134A	R404A	R407C
EVR3	5.40	5.00	3.80	5.08	-	-	-	-	2.50	2.00	2.00	2.43
EVR6	16.10	14.80	11.20	15.13	1.80	1.30	1.60	1.66	7.40	5.90	6.00	7.18
EVR10	38.20	35.30	26.70	35.91	4.30	3.10	3.90	3.96	17.50	13.90	14.30	16.98
EVR15	52.30	48.30	36.50	49.16	5.90	4.20	5.30	5.43	24.00	19.00	19.60	23.28

Rated liquid & suction vapour capacity is based on  
 Evaporating temperature = -10°C  
 Liquid temperature ahead of valve = +25°C  
 Pressure drop in valve = 0.15 bar

Rated hot gas capacity is based on:  
 Condensing temperature = +40°C  
 Pressure drop in valve = 0.8 bar  
 Hot gas temperature = +65°C  
 & subcooling of refrigerant = 4K



# THERMOSTATIC EXPANSION VALVES

## Danfoss T2/TE2 TX Valves

### Danfoss T2/TE2 TX Valves - (Flare/Flare connections)

Airefrig Part Number	Valve Type	Refrigerant	Temp Range (N)	Connections			List Price Ex GST
				Inlet	Outlet	Ext. Equaliser	
68Z3400	TS2	R404A (R507)	-40 to +10°C	3/8 flare	1/2 flare	-	\$145.91
68Z3403	TES2			3/8 flare	1/2 flare	1/4 flare	\$182.38
68Z3346	TN2	R134A		3/8 flare	1/2 flare	-	\$145.91
68Z3348	TEN2			3/8 flare	1/2 flare	1/4 flare	\$182.38
68Z3206	TX2	R22		3/8 flare	1/2 flare	-	\$145.91
68Z3209	TEX2			3/8 flare	1/2 flare	1/4 flare	\$182.38

Capillary length: 1.5mt

### Danfoss T2/TE2 TX Valves - (Flare/Solder connections)

Airefrig Part Number	Valve Type	Refrigerant	Temp Range (N)	Connections			List Price Ex GST
				Inlet	Outlet	Ext. Equaliser	
68Z3414	TS2	R404A (R507)	-40 to +10°C	3/8 flare	1/2" ODS	-	\$145.91
68Z3415	TES2			3/8 flare	1/2" ODS	1/4 ODS	\$182.38
68Z3383	TN2	R134A		3/8 flare	1/2" ODS	-	\$145.91
68Z3385	TEN2			3/8 flare	1/2" ODS	1/4 ODS	\$182.38
68Z3281	TX2	R22		3/8 flare	1/2" ODS	-	\$145.91
68Z3284	TEX2			3/8 flare	1/2" ODS	1/4 ODS	\$182.38

Capillary length: 1.5mt

### Danfoss TX Valve Orifice – T2/TE2

Airefrig Part Number	Orifice Number	Nominal Capacity in KW (Range N: -40 to +10°C)			List Price Ex GST
		R404A (R507)	R134A	R22	
682002	0X	0.38	0.4	0.5	\$45.36
682003	00	0.7	0.9	1.0	\$45.36
682010	01	1.6	1.8	2.5	\$45.36
682015	02	2.1	2.6	3.5	\$45.36
682006	03	4.2	4.6	5.2	\$45.36
682007	04	6.0	6.7	8.0	\$45.36
682008	05	7.7	8.6	10.5	\$46.65
682009	06	9.1	10.5	15.5	\$45.36

Nominal capacity based on: Evap temp = +5°C, Cond temp = +32°C, Refrig temp ahead of valve = +28°C



# THERMOSTATIC EXPANSION VALVES

## Danfoss TUA/TUAE TX Valves

### Danfoss TUA/TUAE TX Valves - (Solder connections)

Airefrig Part Number	Valve Type	Refrigerant	Temp Range (N)	Connections			List Price Ex GST
				Inlet	Outlet	Ext. Equaliser	
68U2285	TUA	R404A R507	-40 to +10°C	3/8 ODS	1/2 ODS	-	\$145.91
68U2287	TUAE			3/8 ODS	1/2 ODS	1/4 ODS	\$182.38
68U2205	TUA	R134A		3/8 ODS	1/2 ODS	-	\$145.91
68U2207	TUAE			3/8 ODS	1/2 ODS	1/4 ODS	\$182.38
68U2235	TUA	R22		3/8 ODS	1/2 ODS	-	\$145.91
68U2237	TUAE			3/8 ODS	1/2 ODS	1/4 ODS	\$182.35

Capillary length: 1.5mt

### Danfoss TX Valve Orifice – TUA/TUAE

Airefrig Part Number	Orifice Number	Nominal Capacity in KW (Range N: -40 to +10°C)				List Price Ex GST
		R404A	R507	R134A	R22	
68U1030	0	0.47	0.45	0.47	0.60	\$45.36
68U1031	1	0.7	0.66	0.7	0.9	\$45.36
68U1032	2	1.0	1.0	1.0	1.3	\$45.36
68U1033	3	1.4	1.3	1.4	1.8	\$45.36
68U1034	4	2.1	2.0	2.1	2.6	\$45.36
68U1035	5	2.8	2.7	2.7	3.5	\$45.36
68U1036	6	4.2	4.0	4.1	5.3	\$45.36
68U1037	7	5.6	5.3	5.5	7.0	\$45.36
68U1038	8	8.4	8.0	8.2	11.0	\$45.36
68U1039	9	12.0	12.0	12.0	16.0	\$45.36

Nominal capacity based on: Evap temp = +5°C, Cond temp = +32°C, Refrig temp ahead of valve = +28°C



# EVAPORATOR PRESSURE REGULATORS

## Sporlan Evaporator Pressure Regulating Valves

Airefrig Part Number	Connection Inches	Maximum Test Pressure	Adjustment Range		List Price Excl GST
ORIT612MF	1/2" Flare	300 psig	30 to 100 psig		\$320.36
ORIT612ODS	1/2" Solder	300 psig	30 to 100 psig		\$320.36
ORIT658MF	5/8" Flare	300 psig	30 to 100 psig		\$320.36
ORIT605058ODS	5/8" Solder	300 psig	0 to 50 psig		\$320.65
X106ORIT658OD	5/8" Solder	400 psig	30 to 100 psig		\$274.64
ORIT605078ODS	7/8" Solder	300 psig	0 to 50 psig		\$322.36
X106ORIT678OD	7/8" Solder	400 psig	30 to 100 psig		\$317.54
ORIT1078ODS	7/8" Solder	200 psig	30 to 100 psig		\$479.04
ORIT10050118ODS	1 1/8" Solder	200 psig	0 to 50 psig		\$509.04
X106ORIT10118OD	1 1/8" Solder	400 psig	30 to 100 psig		\$477.38
ORIT10050138ODS	1 3/8" Solder	200 psig	0 to 50 psig		\$510.00
X106ORIT10138OD	1 3/8" Solder	400 psig	30 to 100 psig		\$478.20
SORIT12	1 1/8" Solder	450 psig	0 to 100 psig	Less Coil (Requires MKC1E)	\$896.06
SORIT15	1 3/8" Solder				\$1,130.60
SORIT20	1 5/8" Solder				\$1,603.58
SORITPI313S	1 5/8" Solder	400 psig			\$1,501.50
SORITPI413S	1 5/8" Solder				\$1,501.50
SORITPI517S	2 1/8" Solder				\$2,211.83



## Danfoss Evaporator Pressure Regulating Valves

Airefrig Part Number	Model Number	Connection Inches	Maximum Test Pressure	Adjustment Range	List Price Excl GST
34L0023	KVP12	1/2" Solder	406 psig	0 to 79 psig	\$408.34
34L0029	KVP15	5/8" Solder	406 psig	0 to 79 psig	\$408.34
34L0025	KVP22	7/8" Solder	406 psig	0 to 79 psig	\$431.16
34L0026	KVP28	1 1/8" Solder	371 psig	0 to 79 psig	\$665.77
34L0032	KVP35	1 3/8" Solder	371 psig	0 to 79 psig	\$686.10

Factory Setting: 29 psig

Maximum Working Pressure: 203 psig



# CRANKCASE PRESSURE REGULATORS

## Sporlan Crankcase Pressure Regulating Valves

Airefrig Part Number	Connection Sizes Inches	Maximum Test Pressure	Adjustment Range	List Price Excl GST
CRO606012MF	1/2" Flare	300 psig	0 to 60 psig	\$258.40
CRO606012ODS	1/2" Solder			\$258.40
CRO606058MF	5/8" Flare			\$258.43
CRO606058ODS	5/8" Solder			\$258.43
CROT606058ODS	5/8" Solder			\$279.42
CROT606078ODS	7/8" Solder			\$280.76
CROT10060118ODS	1 1/8" Solder	200 psig	30 to 110 psig	\$363.37
CROT10060138ODS	1 3/8" Solder			\$373.36
CROT63011012ODS	1/2" Solder	300 psig		\$257.10
CROT63011058ODS	5/8" Solder			\$257.10
CROT63011078ODS	7/8" Solder			\$259.53
CROT630110118OD	1 1/8" Solder			\$276.51



T indicates access valve on Inlet connection

## Danfoss Crankcase Pressure Regulating Valves

Airefrig Part Number	Model Number	Connection Inches	Maximum Test Pressure	Adjustment Range	List Price Excl GST
34L0043	KVL12	1/2" Solder	319 psig	3 to 87 psig	\$353.81
34L0049	KVL15	5/8" Solder	319 psig	3 to 87 psig	\$353.81
34L0045	KVL22	7/8" Solder	319 psig	3 to 87 psig	\$420.73
34L0046	KVL28	1 1/8" Solder	371 psig	3 to 87 psig	\$532.94
34L0052	KVL35	1 3/8" Solder	371 psig	3 to 87 psig	\$578.13



Factory Setting: 29 psig

Maximum Working Pressure: 203 psig