



## THERMOSTATS, PRESSURE SWITCHES & FAN SPEED CONTROLS

---



SECTION

## Ranco Pressure Switches

Ranco 016 models are single pressure switches with changeover contacts.  
 LP Range - bar -0.3 to 7.0 Differential - Auto reset 0.6 to 4.0 – Manual 0.6 fixed  
 HP Range - bar 7 to 30 Differential - Auto reset 2.5 to 8.0 – Manual 3.2 fixed

017 models are dual switches fitted with an extra contact to give an independent high or low-pressure trip signal.

**RANCO**



CODE	MODEL	STYLE	RESET
E060	016-6703	Low Pressure	Auto
E061	016-6705	Low Pressure	Manual
E062	016-6750	High Pressure	Auto
E063	016-6751	High Pressure	Manual

CODE	MODEL	STYLE	RESET
E064	017-4701	Dual LP/HP	Auto/Auto
E065	017-4703	Dual LP/HP	Man/Man
E067	017-4705	Dual LP/HP	Auto/Man

## Danfoss Pressure Switches

KP-1 models are single low-pressure switches with changeover contacts.  
 Range -0.2 to 7.5 bar. Differential - Auto reset 0.7 to 4.0 – Manual 0.7 fixed

KP-5 models are single high-pressure switches with changeover contacts.  
 Range 8 to 32 bar. Differential - Auto reset 1.8 to 6.0 – Manual 3.0 fixed.

KP-15 models are dual switches fitted with an extra contact to give an independent low-pressure trip signal.

*Danfoss*

CODE	MODEL	STYLE	RANGE (bar)	DIFFERENTIAL (bar)	RESET	DANFOSS NO
E800	KP-1	Low Pressure	-0.2 to 7.5	0.7 to 4.0	Auto	060-110166
E801	KP-1	Low Pressure	-0.9 to 7.0	0.7 Fixed	Manual	060-110366
E803	KP-5	High Pressure	8.0 to 32	1.8 to 6.0	Auto	060-117966
E804	KP-5	High Pressure	8.0 to 28	1.8 to 6.0	Auto	060-117166
E805	KP-5	High Pressure	8.0 to 28	3.0 Fixed	Manual	060-117366

CODE	MODEL	STYLE	RANGE (bar)	DIFFERENTIAL (bar)	RESET	DANFOSS NO
E807	KP-15	Dual LP/HP	HP 8.0 to 28 LP -0.2 to 7.5	HP 4.0 Fixed LP 0.7 to 4.0	Auto/Auto	060-124166
E809	KP-15	Dual LP/HP	HP 8.0 to 28 LP -0.2 to 7.5	HP 4.0 Fixed LP 0.7 to 4.0	Auto/Man	060-124366
E808	KP-15	Dual LP/HP	HP 8.0 to 28 LP -0.2 to 7.5	HP 4.0 Fixed LP 0.7 to 4.0	Adjustable	060-126166



*Danfoss*



## Ranco Thermostats

CODE	MODEL	SENSOR	RANGE °C	DIFFERENTIAL
E070	016-6901	Room	-18 to +13	1.5K
E071	016-6902	Room	-5 to +25	1.5K
E072	016-6903	Room	+10 to +40	1.5K

CODE	MODEL	SENSOR	RANGE °C	DIFFERENTIAL
E075	016-6922	Straight	-18 to +13	1.7 to 12K
E076	016-6924	Straight	-5 to +25	1.7 to 12K

CODE	MODEL	SENSOR	RANGE °C	DIFFERENTIAL
E077	016-6950	Coiled	-35 to -7	1.7 to 12K
E078	016-6951	Coiled	-18 to +13	1.7 to 12K
E079	016-6954	Coiled	-5 to +25	1.7 to 12K

CODE	MODEL	SENSOR	RANGE °C	DIFFERENTIAL
E080	016-6980	Cross Ambient	-18 to +13	1.7 to 12K
E081	016-6981	Cross Ambient	-5 to +25	1.7 to 12K
E082	016-6983	Cross Ambient	+10 to +40	1.7 to 12K
E083	016-6930	Cross Ambient	-32 to +34	3 to 22K



## Danfoss Thermostats

CODE	MODEL	SENSOR	RANGE °C	DIFFERENTIAL*	DANFOSS NO
E830	UT-72	Bulb -1.5M	-30 to +30	2.3K	060H1101
E835	KP-61	Straight - 2M	-30 to +15	5.5/23-1.5/7K	060L1100
E836	KP-61	Straight - 5M	-30 to +15	5.5/23-1.5/7K	060L1101
E837	KP-61	Coil - 2m	-30 to +15	4.5/23-1.2/7K	060L1102



E835 & E836



E837

## Thermostat and Pressure Switch Accessories

### Phial Guard

CODE	TYPE
E140	V169 Guard

### LP HP Pressure Switch Brackets (Flat & Angle)

CODE	TYPE
E141	31696-1 Angle Bracket
E142	48129-3 Flat Bracket

### Pressure Coupler

CODE	TYPE
E143	PCP.1000SV 1.0 metre c/w Core Depressor
E144	PCP.1500SV 1.5 metre c/w Core Depressor



## Everflex Hose

Stainless braid reinforced flexible lines ideal for replacing capillaries where vibration may cause fractures i.e. pressure or oil differential switches.

Constructed out of 304 Stainless steel braid with a smooth inner lining of Teflon. Female 1/4" flare connections, one end straight and the other end with 90 degree elbow.

CODE	MODEL	OVERALL LENGTH
E180	H70AB-6	152 mm
E181	H70AB-13	330 mm
E182	H70AB-19	483 mm
E183	H70AB-25	635 mm
E184	H70AB-31	787 mm
E185	H70AB-37	940 mm
E186	H70AB-49	1245 mm
E187	H70AB-60	1524 mm



## Thermoplastic Hose

Triple wall thermoplastic hose to provide an alternative to copper tube, reducing the risk of fracture whilst being simple and easy to assemble.

Hoses are suitable for HCFC and HFC's as well as the old CFC's.

Supplied in 50M coils, 6 mm o.d. x 2 mm i.d.

CODE	DESCRIPTION
E200	50M coil of 0780C Triple Wall Hose
E208	1/4" Tee Crimp on all arms
E209	1/4" Female Flare 90° Elbow
E210	1/4" Female Flare Straight Connector
E211	Schrader Depressor for above
E215	Crimping Tool



## Aspen Fan Speed Controller

Controls head pressure of systems by increasing and reducing the fan speed balancing temperature of the condenser coil.



### Specification:

Cooling only  
 Condenser temperature coil sensor  
 Max output: 3 Amp  
 Push on connectors  
 Minimum speed adjustment: 230V 50/60 Hz  
 Power Consumption Internal: 8 W



CODE	DESCRIPTION
E526	Aspen Cooling Only Fan Speed Controller

## Alco Fan Speed Control

The FS controls the speed of fan motors according to pressure changes. Make sure the motor is approved by the motor or unit manufacturer for variable speed by means of phase cutting (TRIAC).

Suitable for R22, R134a, R407C and R404A.

### Specification:

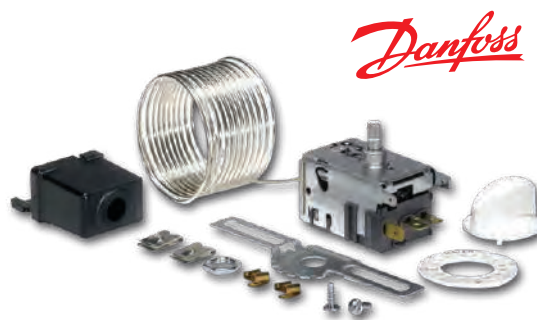
Supply voltage: 230 VAC (+15%/-20%) 50 or 60 Hz  
 Nominal current: 0.2 to 4 amps  
 Maximum refrigerant temperature: +70°C  
 Permissible ambient temperature: -20°C to +55°C  
 Protection to IP65  
 Connection: 1/4" female flare to suit access fitting



CODE	MODEL
E525	FSX (Y) - 42-S

## Danfoss Service Thermostat Kits

CODE	TYPE	TO SUIT
E005	NO-1	Refrigerator
E007	NO-3	Fridge Freezer/Larder Fridge
E008	NO-4	Absorption Refrigerator
E009	NO-5	Freezer
E010	NO-6	Freezer M.O.R. Signal
E012	NO-8	Bottle and Liquid Cooler



## Ranco Varifix Thermostat Kits

CODE	TYPE	TO SUIT
E020	VC-1	Refrigerator
E022	VF-3	Freezer
E023	VP-4	Refrigerator Push/Defrost
E024	VS-5	Freezer M.O.R. Signal
E026	VB-7	Bottle Cooler
E028	VT-9	Fridge Freezer/Larder Fridge
E029	VX-0	Fridge Freezer/Larder Fridge*
E030	VT-93	Fridge Freezer/Larder Fridge**



\*Similar to VT-9 but operates at a higher temperature \*\*Same as VT-9 but with 3.0 metre capillary

**AIRSTAGE™**

**FUJITSU**

AIR CONDITIONING

## The New VRF 4 Series

Energy Efficient Cutting Edge Technology

### *J-Series*

2-Pipe Heat Pump

*J-IVS* 12.1-15.1kW

*J-IV* 12.1-15.5kW

*J-IVL* 22.4-50.0kW



1- 42 Indoors



1- 64 Indoors

### *V-Series*

3-Pipe Heat Recovery

*VR-IV* 22.4-135kW

2-Pipe Heat Pump

*V-III* 22.4-150kW



COMFORTCLUB

**Claim 2% back on all Fujitsu VRF Unit purchases all year round!!!**