

RAA SERIES - MECHANICAL ROOM THERMOSTATS

STOCK NO.	PRODUCT NUMBER	APPLICATION	SWITCHING	VOLTAGE	RANGE °C	PRICE \$ excl. GST
G0914	RAA10	Heat or Cool (Only)	Tamperproof	24 or 240	8 - 30	94.50
G0916	RAA20		Adjustable			105.00
G0918	RAA30		On/Off			117.00
G0920	RAA40.2		Off/Heat/Cool			132.00

SIEMENS



RCC SERIES - ELECTRONIC ROOM THERMOSTATS

STOCK NO.	PRODUCT NUMBER	APPLICATION	SWITCHING	VOLTAGE	RANGE °C	PRICE \$ excl. GST
G0922	RCC30	1 heat / 1 cool	On/Off 3 Speed Fan	230	8 - 30	275.00



RDF/RDG SERIES - ELECTRONIC ROOM THERMOSTATS (With Digital Display)

STOCK NO.	PRODUCT NUMBER	APPLICATION	SWITCHING	VOLTAGE	RANGE °C	PRICE \$ excl. GST
G0924	RDF30	1 cool / 1 heat or 2 cool	On/Off 3 Speed Fan	230	5 - 35	293.00
G0927	RDG110	1 cool / 1 heat 2 cool or 2 heat	Multi-function	230	5 - 35	332.00



RDF30



RDG110

RWD SERIES - ELECTRONIC UNIVERSAL CONTROLLERS

STOCK NO.	PRODUCT NUMBER	APPLICATION	OUTPUTS	VOLTAGE	PRICE \$ excl. GST
G0930	RWD34	Digital Heat Pump Controllers	4 x 24 - 240V AC	240	515.00
G0934	RWD44			24	510.00
G0936	RWD62		2 x 0 - 10V DC	530.00	



TEMPERATURE SENSORS

STOCK NO.	PRODUCT NUMBER	APPLICATION	RANGE °C	PRICE \$ excl. GST
G0909	QAHT1	Suits RCC, RDF & RDY thermostats	5 - 35	38.00
G0906	QAA24/AP	Wall Mounted Temperature Sensor	0 - 50	120.00
G0908	QAM2120.04	Duct air sensor. Suit RWD Series	-30 to +80	234.00



DAMPER ACTUATORS

STOCK NO.	PRODUCT NUMBER	VOLTAGE	Nm	DESCRIPTION	APPLICATION	PRICE \$ excl. GST
G0900	GXD131.1A	24V	1.5	Rotary air damper actuators 3-Position	Domestic	226.00
G0902	GXD331.1A	240V				226.00
G0901B	GDB131.1E	24V	5	Damper actuator Drive open / Drive closed	Commercial	310.00
G0905	GDB331.1E	240V				310.00
G0901	GDB161.1E	24V	5	Damper actuator (0-10V Signal)	Modulating	485.00
AC5042	K453H0077BU	240V	0.5	ERIE Drive open / Spring return	Domestic	157.00



SIEMENS AIR CONDITIONING - MISCELLANEOUS

STOCK NO.	PRODUCT NUMBER	TYPE	DESCRIPTION	PRICE \$ excl. GST
G0904	MVI421.15	240V 15mm Valve	On/off chilled water valve	283.00
G0910	QBM81-3	Air Flow Switch	Differential pressure detector. Used as a flow or filter monitor in air ducts.	215.00
G0940	SEH62.1	Timeclock	Digital weekly time clock. Daily / weekly programs.	215.00
G0942	SEM62.2	Transformer	Integrated secondary power supply fuse and on/off switch	155.00





REGULATOR - ELECTRONIC CONTROLLER (Din Rail)

STOCK NO.	PRODUCT NUMBER	APPLICATION	VOLTAGE	RANGE °C	PRICE \$ excl. GST
G4706	ET45	2 heat, 2 cool	240	10 - 35	357.00



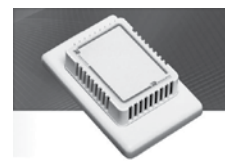
REGULATOR - UNIVERSAL CONTROLLER (Din Rail)

STOCK NO.	PRODUCT NUMBER	APPLICATION	VOLTAGE	RANGE °C	PRICE \$ excl. GST
G4707	TC5044	Temperature / Humidity Universal Multi-Function Controller	24 - 240 AC DC	-20 to 120	430.00



TEMPERATURE SENSORS

STOCK NO.	PRODUCT NUMBER	SUITS	DESCRIPTION	RANGE °C	PRICE \$ excl. GST
G4712	TR2100W	ET45 / TC5044	Room Sensor	10 - 35	79.20
G4708	TR2114W	ET45 / TC5044	Room Sensor (Adjustable)	18 - 28	118.80
G4720	TR4100W	ET45 / TC5044	Room Sensor (Averaging)	-	115.50
G4721	TP2000	ET45 / TC5044	Duct Sensor with terminal box	-50 to +110	118.80
G4714	RS2104	ET45 / TC5044	Remote adjustment dial	18 - 28	99.00
G4713	TR3840W	TC5044	Smart Sensor with display	10 - 40	188.00
G4713A	TR2500W	TC5044	Smart Sensor without display	10 - 40	79.20



■ Other regulator products available upon request.

LEASAM LE SERIES CONTROLS (With Relay Board)

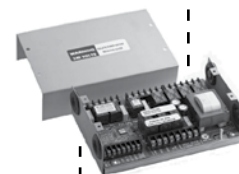
STOCK NO.	PRODUCT NUMBER	APPLICATION	DESCRIPTION	PRICE \$ excl. GST
G4703	LE75	2 heat, 2 cool	General Air-cond Control (Horizontal)	390.00
G4703A	LE75V	2 heat, 2 cool	General Air-cond Control (Vertical)	390.00



LE75

LEASAM BM SERIES CONTROLS (With Relay Board)

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G4700	B512GZ	Fully optioned control, 7day timer & setback	594.00
G4701	BM2-24H-4Z	Multi-stage control, 24hr timer, 4 zone	498.00
G4702	BM2-7D-4Z	Multi-stage control, 7day timer, 4 zone	579.00
G4704	BM2-24H-GP	Multi-stage control, 24hr timer - General Purpose	468.00
G4699	BM2-7D-GP	Multi-stage control, 7day timer - General Purpose	555.00



LEASAM BM SERIES CONTROLS (Less Relay Board)

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G4698	BM2-4ZWC	Wall controller only - 4 Zone	210.00
G4698A	BM2-GPWC	Wall controller only - 24hr General Purpose	204.00
G4698B	BM2-7DWC	Wall controller only - 7 Day & 24hr	315.00



BM2 & B5

LEASAM ACCESSORIES

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G4709	LEA-ZW4Z-1	Zonewise 4 - 4 Zone damper switching system - 240V	435.00
G4693	LEA-ZW8Z-1	Zonewise 8 - 8 Zone damper switching system - 240V	465.00
G4727	D7CPU	Defrost management PC Board	300.00



LEA-ZW

- All Leasam controls require a 240V AC power supply.
- Other Leasam controls and accessories available upon request.

PHASEFALE CONTROLS

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G4450	TACMV9	TACMV9 Temperature and alarm control with memory, Range: -35°C to +65°C, Differential: 0.5°C to 5°C, Accuracy: 0.3°C, Alarm delay: 0 – 99 mins, Power Supply: 240v AC. Comes Complete with M probe	530.00
G4448	TACM/FRZ	TACMV9 - Complete with Defrost Relay board Fitted & two M probes	699.00
G4468	JOULE TEMP	Combines Features of TACMV9 plus ethernet and humidity functions, monitoring and Alarm, Web browser interface, integrated data logging, Email/SMS alarms over network, HACCP Australia endorsed	1,485.00
G4480	VATPAC	Phasefale Milk Vat Controller	984.00



PHASEFALE TACM ACCESSORIES

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G4451	TACM/M	Standard Temperature Probe	87.00
G4457	TACM/H	High Temperature Probe	165.00
G4453	TACM-PCB	Low Temp Circuit Board	130.00
G4452	TACML240V	Alarm Signal Light	59.00
G4458	TACM/B12V	Remote Audible Alarm	66.00



PHASEFALE ALARM SYSTEMS

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G4454	TA1	TA1 Alarm Control	199.00
G4455	ATX-90	Time Delay Relay 90min. (Suits TA1)	485.00
G4461	AD2	Phasefale AD2 Voice Dialer	1,193.00
G4470	PSB30	Phasefale Battery Backup	480.00



AD2 Voice Dialer

PHASEFALE LEAK DETECTION UNIT

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G4477	RAMIV9	Leak Detection Unit	595.00
G4478	RAMIV	4-4 Channel Option Board	633.00
G4479	RG/328	P328 Refrigerant Sensor (R404A)	270.00



- Sensors to suit other refrigerants available upon request.

PHASEFALE PHASE PROTECTION

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G4460	MP15	Phasefale Adjustable MP15 Protector - Plug-in	252.00
G4460A	MP15D	Phasefale Adjustable MP15 Protector - Din rail mount	246.00
G4462	8PIN	Phasefale MP15 Base	25.50



LAE REFRIGERATION CONTROLS



With over 40 years of production, using components from only the worlds top manufacturers that conform to the highest international standards. LAE Temperature controls are renowned for quality, reliability and innovation.

- All LAE Temperature controls listed include 2 meter temperature sensors
- LAE Monitoring, logging and programming software available upon request, for use on fixed or remote sites via local or remote connection
- Please contact our technical department for further details

PANEL MOUNT CONTROLS

STOCK NO.	PRODUCT NUMBER	VOLTS	DESCRIPTION	PRICE \$ excl. GST
G4606	AT1-5AS5E-G	240V	Basic Med Temp Controller - Heating or Cooling, Off Cycle Defrost, Audible Alarm, On/Off Button, NTC or PTC Sensor, -40°C to +105°C	154.00
G4609	AT1-5AS1L-AG	7-30V DC	Basic Med Temp Controller - Heating or Cooling, Off Cycle Defrost, Audible Alarm, On/Off Button, NTC or PTC Sensor, -40°C to +105°C	154.00
G4603	AT1-5BS6E-AL	240V	Med Temp Controller - Off Cycle Defrost, Audible Alarm, On/Off Button, Multi Function Auxiliary Relay, Door Switch Input, Prog port, NTC or PTC Sensor, -40°C to +105°C	169.40
G4605	AT1-5AS4D-G	12V AC/DC	Low Temp Controller - Off Cycle Defrost, Audible Alarm, On/Off Button, Multi Function Auxiliary Relay, Door Switch Input, Prog port, NTC or PTC Sensor, -40°C to +105°C	169.40
G4604	AT2-5BS4E-AG	240V	Low Temp Controller - Electric/Hot Gas Defrost, Fan Control, Audible Alarm, On/Off Button, Multi Function Auxi Relay, Door Switch Input, Prog port, NTC or PTC Sensor, -40°C to +105°C	209.50
G4604A	AT2-5BS4L-AG	7-30V DC	Low Temp Controller - Electric/Hot Gas Defrost, Fan Control, Audible Alarm, On/Off Button, Multi Function Auxi Relay, Door Switch Input, Prog port, NTC or PTC Sensor, -40°C to +105°C	209.50
G4621	AD32S15W-B	240V	Large Panel Mount Multi-Function Controller Air/Electric/ Hot Gas Defrost, 2xAux Relay/Optional control of second comp or evap, Light switch, Fan Control, Audible Alarm & Contacts, Door Switch & Aux input, Night Set-Back, RS485 Serial Port, Power Relays, -30°C to 30°C	298.00



REFRIGERATION / HEATING CONTROLS

STOCK NO.	PRODUCT NUMBER	VOLTS	DESCRIPTION	PRICE \$ excl. GST
G4601	LTR5CSRE-A	240V	Panel Mount Multi Function Controller For Heating or Cooling, On/Off Button, -40°C to +105°C	169.40
G4607B	AC1-5TS2RW	240V	Panel Mount 2 Stage Thermostat - 2 Stage Heat or Cool or 1 Stage Heat/1 Stage Cool with Auto Change-Over, or 1 Stage Heat or Cool & Alarm, On/Off Button, -40°C to +105°C	225.00



HUMIDITY CONTROLS

STOCK NO.	PRODUCT NUMBER	VOLTS	DESCRIPTION	PRICE \$ excl. GST
G4619	LTR-5ASRE	240V	Panel Mount Humidity Control 0% - 100% RH Humidify or De-humidify	194.00
G4635	HT2WAD	-	Wall Mount Humidity Sensor 0% - 100% RH	385.00



- All above listed LAE controls come standard with NTC sensors provided in box.
- AT1 & AT2 controls can be configured for PTC sensors if required.

ELECTRONIC THERMOMETERS (Temperature Or Humidity)

STOCK NO.	PRODUCT NUMBER	VOLTS	DESCRIPTION	PRICE \$ excl. GST
G4622	LT12CTE-2	240V	Panel Mount Thermo - 40°C to +105°C, PTC Sensor (2 wire)	124.80
G4634	LTS12PTE	240V	Panel Mount Thermo - 40°C to + 105°C, PTC Sensor (3 wire) Min/Max Temperature Logging	135.50


SPLIT TEMPERATURE CONTROLLERS (With Slave Power Relay Module)

STOCK NO.	PRODUCT NUMBER	VOLTS	DESCRIPTION	PRICE \$ excl. GST
G4624	BIT20-B11E	240V	Med Temp Controller - Off Cycle Defrost, -35°C to +25°C, Relays: Comp 30(6)A Def/Fan 7(2)A	128.50
G4626	BIT20-B22E	240V	Low Temp Controller - Electric/Hot Gas Def, -35°C to +25°C, Relays: Comp 30(6)A, Def 8(3)A	174.90
G4627	BIT12-RU	-	Panel Mount Program / Display Unit for BIT20	57.80
G4629	BIT12-DU	-	Panel Mount Display Unit for BIT20 (BIT20-RU Required for Set Up)	61.00


CONTROL ENCLOSURES

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G4630	LE00851	Small Enclosure – Standard Controls (Cut Out) Dimensions: 100 mm x 100 mm x 80 mm	35.50
G4630A	LE00854	Large Enclosure - Standard Controls (Cut Out) Dimensions: 165 mm x 135 mm x 80 mm	46.20
G4630B	LE00856	Large Enclosure – To Suit AD32 (Cut Out) Dimensions: 220 mm x 170 mm x 88 mm	57.80
G4630C	LE00856	Large Enclosure – (Not Cut Out) Dimensions: 220 mm x 170 mm x 88 mm	57.80


LAE ACCESSORIES

STOCK NO.	PRODUCT NUMBER	SUITS	DESCRIPTION	PRICE \$ excl. GST
G4625	ST1K20P1	LT12 & LTS12	PTC1000 Sensor - 2 Meter 2 Wire (1k ohm)	33.00
G4633	SN2K20P1	BIT20, LDU15, LCD15, LCD32	NTC Sensor – 2 Meter, 2 Wire (2k ohm)	33.00
G4646	SN4B20P1	AT1, AT2, AD2, AD32	NTC Sensor - 2 Meter, 2 wire (10k ohm)	33.00
G4631	841-S-1A-D	1ph / 3hp	Power Relay – 240V, 30amp up to 3hp	33.50
G4623	TR240/12	12V Models	240v to 12V Transformer	23.00
G4597A	ZOT-AT1	AT1	Programming key for AT1 MT Controllers	62.50
G4597B	ZOT-AT2	AT2	Programming Key for AT2 LT Controllers	62.50
G4648L	PGT8	-	Low Press Transducer 0.2 / 8bar, 4 - 20 mA	355.00
G4648H	PGT30	-	High Press Transducer 0 / 30bar, 4 - 20 mA	355.00



PEGO REFRIGERATION CONTROLS



PEGO Offers a full range of controls suitable for Coolrooms, Freezer Rooms and Refrigerated Cabinets:

- **Expert Nano** - Standard size compact control for every day use
- **Slimbase Kit** - Ideal for small to mid-sized Coolrooms & Freezers
- **ECP200 Series** - Suitable for Large Coolrooms & Freezer Rooms

All Pego Controls are easy to program with user friendly instructions.

EXPERT NANO - PANEL MOUNT CONTROLLERS

STOCK NO.	PRODUCT NUMBER	VOLTS	DESCRIPTION	PRICE \$ excl. GST
G4907	EXP NANO-1	240V	Basic Controller - Heating or Cooling, 16(6) Amp Relay, Off Cycle Defrost, IP65 Front Protection, NTC Sensor	125.00
G4907A	EXP NANO-1	12V		123.00
G4909	EXP NANO-3	240V	Heating or Cooling, 16(6) Amp Comp Relay, Elec Def Fan Control, Aux Relay, Alarm Buzzer, Multi-function Input IP65 Front Protection, 2xNTC Sensor, RS485 Serial Port	162.00
G4909A	EXP NANO-3	12V		155.00
G4915	CASTASTER04	-	Optional silver front cover for Nano controls	12.00



■ NTC Sensors **not included** - Please select desired sensor length from below.

SLIMBASE - WALL MOUNT CONTROLLER KITS

STOCK NO.	PRODUCT NUMBER	VOLTS	DESCRIPTION	PRICE \$ excl. GST
G4900	Slimbase Control Kit 2k	240V	Wall Mount Coolroom Controller c/w Sensor & Conduit 16(6) Amp Relay, Off Cycle Defrost, Alarm Buzzer, Door-Switch, Room Light, IP65 Front Protection, NTC Sensor	238.00
G4901	Slimbase Control Kit 4k	240V	Wall Mount Freezer Controller c/w Sensor & Conduit 16(6) Amp Comp Relay, Elec Defrost, Alarm Buzzer, Door-Switch, Room Light, IP65 Front Protection, 2xNTC Sensor	270.00



■ NTC Sensors **included** - 1 x Sensor with Slimbase 2k, 2 x Sensors with Slimbase 4k.

ECP200 SERIES - LARGE WALL MOUNT CONTROLLERS

STOCK NO.	PRODUCT NUMBER	VOLTS	DESCRIPTION	PRICE \$ excl. GST
G4902	ECP200 BASE 2A	240V	Wall Mount Coolroom Controller, Large 30(10) Amp Comp Relay, Off Cycle Defrost, Alarm Buzzer & Contacts, Door-Switch, Room Light, IP65 Protection, NTC Sensor, RS485	375.00
G4903	ECP200 BASE 4A	240V	Wall Mount Coolroom Controller, Large 30(10) Amp Comp & Def Relay, Off Cycle Defrost, Alarm Buzzer/Contacts, Door-Switch, Room Light, IP65 Protection, NTC Sensor, RS485	415.00



■ NTC Sensors **not included** - Please select desired sensor length from below.

CONTROL ACCESSORIES

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G4920	SON103C4RL1500	Pego NTC Sensor 1.5m	20.00
G4920A	SON103C4RL3000	Pego NTC Sensor 3m	33.50
G4920B	SON103C4RL6000	Pego NTC Sensor 6m	49.00
G4623	TR240/12	240v to 12V Transformer	23.00
G4631	841-S-1A-D	Power Relay – 240V, 30amp up to 3hp	33.50
G4921LP	SONDA PRESS OT12	Low Press Transducer 0 / 8bar, 4 - 20 mA	270.00
G4921HP	SONDA PRESS OT30	High Press Transducer 0 / 30bar, 4 - 20 mA	270.00
G4630	LE00851	Small Enclosure to suit Nano series controls Dimensions: 100 mm x 100 mm x 80 mm	35.50



PEGO ECP ELECTRICAL BOARDS



Pego ECP Boards provide a simple, compact and professional solution for safe control of 1 & 3 phase Condensing units. These smart looking Electrical boxes come pre-wired, ready to be fitted, saving you time on site with all the necessary components to operate, switch and protect Compressor, Cond fan and Control circuit including: Isolating switch, Circuit breakers, Contactors & Overloads, LED system status Indicators.

PART NO.	MODEL	AMPS	DESCRIPTION	PRICE \$ EXCL. GST
G4940	ECP04M-E -1ph	12 (2hp)	Electrical box c/w Isolating switch & circuit breaker	570.00
G4942	ECP04-E - 3ph	4.5 - 6.3	Electrical box c/w Isolating switch, 3ph circuit-breaker, Compressor contactor & overload, 1ph Cond fan/control circuit breaker, LED status lights	745.00
G4944	ECP04-E - 3ph	7 - 10		745.00
G4946	ECP04-E - 3ph	9 - 12.5		745.00
G4948	ECP07-E - 3ph	14 - 20		950.00

* Above electrical boxes made with self-extinguishing ABS plastic with IP65 protection rating.



AUDIO & VISUAL LOCK-IN ALARM



The purpose of the **ECP-1P-03** safety system is to allow a person trapped inside the cold room to activate an acoustic/luminous alarm located outside the room and so request help. The system has been designed to function even in the event of a temporary mains power failure: In this event the system is powered by a buffer battery housed in the external unit.

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G4910	ECP 1PE-03	Coolroom Lock-In Alarm c/w Luminous LED Push-Button	428.00
G4910A	PUSHBUTTON	Luminous Push-button with LED For ECP Lock-In Alarm	115.00

KIT CONSISTS OF

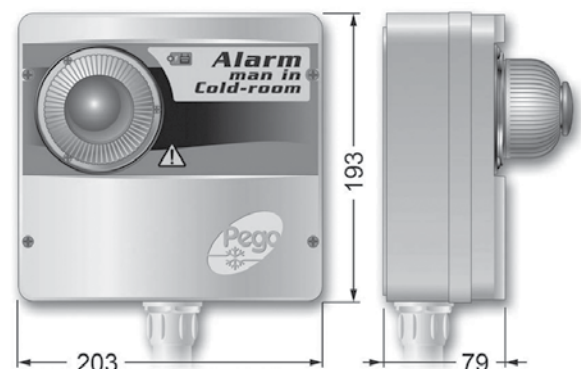
Emergency push-button

To be fitted inside the cold room. Consists of a luminous mushroom-type button with N.C. contact. The push-button is permanently lit by LEDs so that it can be located in the dark.

Acoustic / Visual alarm control unit

To be fitted outside the cold room. Features a siren and flashing light and a buffer battery to provide power in the event of a black-out. The noise pressure level of the siren is **95dBA @ 1 meter**

There is also a clean N.O contact that can be used to activate other devices such as a remote warning dialer or additional sirens.



JOHNSON COMMERCIAL (PENN)

STOCK NO.	MODEL NO	APPLICATION	RANGE °C	DIFF (°K)	SENSOR	PRICE \$ excl. GST
G1212	A19ABC-41C	Wide Range	-34 to +38	3 to 13	2.4m Cap with Bulb	168.00
G1208	A19ABC-5C	High Temp	+10 to +55	2 to 8	2.4m Cap with Bulb	435.00
G1214	A19ARC-9105 (IP65 Rated)	Cooling Tower	5 to 50	2.5 to 11	2.0m Cap with bulb	695.00
G1201	A72AE-10C (Weather Proof)	Cooling Tower	-5 to 30	2 to 14	1.8m Cap with bulb	998.00
G1335	A25CN-4C	Duct Sensor Heater Hi Limit	-4 to 100	Manual Reset	Flange Mount	192.00

■ Other Johnson (Penn) controls available upon request. Please contact Realcold for details.



RANCO COMMERCIAL

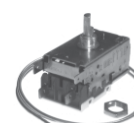
STOCK NO.	MODEL NO	APPLICATION	RANGE °C	DIFF (°K)	SENSOR	PRICE \$ excl. GST
G0125	016-6950	Low Temp	-35 to -7	1.7°C to 12	Coiled Cap Bulb	130.00
G0130	016-6951	Wide Range	-18 to +13			135.00
G0135	016-6954	Med Temp	-5 to +25			135.00
G0136	016-6924	Med Temp	-5 to +25		Straight Cap Tube	145.00
G0140	016-6980	Wide Range	-18 to +13		Cap & 14.5mm Cross Amb Bulb	150.00
G0145	016-6981	Med Temp	-5 to +25			150.00
G0148	016-6983	High Temp	+10 to +40			150.00
G0149	016-8900	Wide Range	-18 to +13	2K	Cap & 4.5mm Bulb	145.00
G0178	018-100-080	Ice Bank	No Adjustment	Ice at 0°C	Cap & 14.5mm Bulb	245.00
G0058	Flat Mounting Bracket to Suit Above Ranco Thermostats					9.00

■ Cross Ambient bulbs should be used on application where it is possible for the control head or the capillary to be at a temperature lower than the bulb. e.g control mounted outside in cold ambient locations.



RANCO / REVILO DOMESTIC

STOCK NO.	MODEL NO	K-SERIES MODEL	APPLICATION	COLD (°C)		WARM (°C)		DEF TERM	PRICE \$ excl. GST
				OUT	IN	OUT	IN	IN	
G0120	RC1	K50-P1110	Single Temp	-23	-14.5	-	+2	-	32.00
G0112	VA2	K50-P1174	Absorption Cabinet	-18	-14.5	-	+3.5	-	56.00
G0123	RF3	K50-P1117	Freezer	-34	-	-16.5	-12	-	32.00
G0115	VP4	K50-P1113	Push Button Defrost	-25	-	-10.5	-4	5.5	95.00
G0116	VS5	K54-P1102	Freezer (Standard Signal)	-34	-	-16.5	-12	-	65.00
G0113	VR6	K50-P3100	Freezer (Reverse Signal)	-34	-	-16.5	-12	-	65.00
G0121	RB7	K50-P1118	Bottle Cabinet	-3	+2	-	+12.5	-	32.00
G0117	VW8	K55-L5010	Window Air Cond.	+15	+18	-	+34	-	98.00
G0124	RT9	K59-L1102	Dual Temperature	-26	-	-11		-	32.00
G0122	DR100		Thermostat	To Suit Westinghouse / Kelvinator					70.00
G0122A	DR121		Defrost Timer	To Suit Westinghouse					156.00



DR121 Def Timer

DELTA-P OIL PRESSURE CONTROL



FRASCOLD Delta-P II Electronic Oil Pressure Switch

The new DELTA-P II oil pressure switch is compact, easy to install and extensively tested for proven reliability. DELTA-P II installation does not require a connection by capillary tube or linkage to an external electronic control module. DELTA-P II is an extremely compact control holding the differential pressure sensor, control circuit, LED signal lamp and reset push-button. Once installed on the compressor oil pump, the electronic part can be removed from the sensor part without refrigerant leakage.

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	RANGE	TIME DELAY	RESET	POWER SUPPLY	PRICE \$ excl. GST
R0130	T00EC1620	Frascold Delta-P II	65 kPa	90 sec	Manual	230 V	635.00

OPSI OIL PRESSURE CONTROL

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	SUITS	TIME DELAY	RESET	POWER SUPPLY	PRICE \$ excl. GST
CC0233	3112257	OPSI Control & Sensor	Copeland	90 sec	Manual	230 V	635.00
CC0228	3140721	OPSI No Brass Sensor					488.00
CC0229	3110784	Sensor & Gaskets To Suit OPSI		N/A	262.00		



DANFOSS OIL PRESSURE CONTROLS

STOCK NO.	PRODUCT NUMBER	RANGE (KPA)	DIFF (KPA)	TIME DELAY	RESET	PRESSURE CONNECTION	PRICE \$ excl. GST
G1291	MP55 060B0172	100 - 1200	30 - 450	90 sec	Manual	1/4 MF	739.00
G1292	MP54 060B0168	100 - 1200	65 Fixed				698.00



JOHNSON OIL PRESSURE CONTROLS (PENN)

STOCK NO.	PRODUCT NUMBER	RANGE (KPA)	DIFF (KPA)	TIME DELAY	RESET	PRESSURE CONNECTION	PRICE \$ excl. GST
G1284	P28AA-41	55 - 483	35 Fixed	90	Manual	900mm capillary c/w flare nut	775.00
G1287	P28AA-42			60			775.00
G1290	P28DP-9660			90			798.00
G1285	P45NCA-12C			120			480.00



P28DP-9660

RANCO OIL PRESSURE CONTROLS

STOCK NO.	PRODUCT NUMBER	RANGE (KPA)	DIFF (KPA)	TIME DELAY	RESET	PRESSURE CONNECTION	PRICE \$ excl. GST
G0096	P30-3601	55 - 415	50 Fixed	60	Manual	915mm capillary c/w flare nut	345.00
G0097	P30-3701			90			345.00



LOW PRESSURE CONTROLS

STOCK NO.	PRODUCT NUMBER	CONN	RESET	RANGE	DIFFERENTIAL (KPA)	PRICE \$ excl. GST
G1262	P77AAA-9300	1/4" Male Flare	Auto	-50 to 700	50 to 300	139.50
G1264	P77AAA-9301		Auto	100 to 1000	100 to 300	192.50
G1272	P77BCA-9300		Manual	-50 to 700	Manual Reset	192.50
G1250	R410A P70AA-2C		Auto	0 to 1035	70 to 485	276.50



HIGH PRESSURE CONTROLS

STOCK NO.	PRODUCT NUMBER	CONNECTION	RESET	RANGE (KPA)	DIFFERENTIAL (KPA)	PRICE \$ excl. GST
G1266	P77AAA-9350	1/4" Male Flare	Auto	300 to 3000	30 to 1200	139.50
G1267	P77AAA-9351		Auto (HP/Fan Cycling)	350 to 2100	210 to 550	139.50
G1270	P77BEA-9350		Manual	300 to 3000	Manual Reset	192.50
G1251	R410A P70CA-400C		Auto	1380 to 4200	415 to 1035	276.50
G1252	R410A P70DA-400C		Manual	1380 to 4200	Manual Reset	297.50
G1253	R410A P70AA-400C		Auto (HP/Fan Cycling)	690 to 1340	240 to 1380	276.50



DUAL PRESSURE CONTROLS

STOCK NO.	PRODUCT NUMBER	CONNECTION	RESET	HP/LP	RANGE	DIFFERENTIAL (KPA)	PRICE \$ excl. GST
G1280	P78LCA-9300	1/4" Male Flare	Auto	LP	-50 to 700	50 to 300	210.00
			Auto	HP	300 to 3000	300 fixed	
G1271	P78PGA-9300		Auto	LP	-50 to 700	50 to 300	245.00
			Manual	HP	700 to 3000	Manual Reset)	
G1282	P78MCA-9300		Manual	LP	-50 to 700	Manual Reset	225.00
			Manual	HP	300 to 3000		



TWIN FAN CYCLING CONTROLS

STOCK NO.	PRODUCT NUMBER	CONNECTION	RESET	HP/HP	RANGE	DIFFERENTIAL (KPA)	PRICE \$ excl. GST
G1281	P78ALA-9351	1/4" Male Flare	Auto	HP	-50 to 700	180 Fixed	245.00
			Auto	HP	300 to 3000		



JOHNSON AMMONIA PRESSURE CONTROLS

STOCK NO.	PRODUCT NUMBER	CONNECTION	RESET	RANGE (KPA)	DIFFERENTIAL (KPA)	PRICE \$ excl. GST
G1276	P77AAA-9750	1/4" FNPT	Manual	30 to 3000	Manual Reset	398.00

ENCAPSULATED PRESSURE SWITCHES

STOCK NO.	PRODUCT NUMBER	CONNECTION	RESET	TYPE	ELEC CON	CUT IN (PSI)	CUT OUT (PSI)	PRICE \$ excl. GST
G0663	LP00525	1/4" F/Flare with Shradler depressor	Auto	LP	6.3mm Spade	25	5	48.00
G0664	HP400300			HP		300	400	48.00
G0665	HP425325			HP		325	425	48.00
G4650	LP05/25			LP	Leads	25	5	38.50
G4650A	HP425/325			HP		325	425	38.50
G0659	HP400MR		Push Button	HP		Manual	400	64.50



RANCO LOW PRESSURE CONTROLS

STOCK NO.	PRODUCT NUMBER	CONN	RESET	RANGE	DIFFERENTIAL	PRICE \$ excl. GST
G0044	016-8713	Capillary	Auto	-30 to 700	60 to 400	136.50
G0050	016-8706	1/4" Male Flare	Auto	-30 to 700	60 to 400	120.00
G0051	016-8705		Manual	-30 to 700	Manual Reset	143.50



RANCO HIGH PRESSURE CONTROLS

STOCK NO.	PRODUCT NUMBER	CONN	RESET	RANGE (KPA)	DIFFERENTIAL	PRICE \$ excl. GST
G0053	016-8750	1/4" Male Flare	Auto (HP/Fan Cycling)	700 to 3000	250 to 800	120.00
G0054	016-8751		Manual	700 to 3000	Manual Reset	143.50



RANCO DUAL PRESSURE CONTROLS

STOCK NO.	PRODUCT NUMBER	CONN	RESET	HP/LP	RANGE	DIFFERENTIAL	PRICE \$ excl. GST
G0048	017-8711	Capillary & flare nut	Auto	LP	-30 to 700	60 to 400	234.00
			Auto	HP	700 to 3000	345 fixed	
G0056	017-8701	1/4" Male Flare	Auto	LP	-30 to 700	60 to 400	196.00
			Auto	HP	700 to 3000	345 fixed	
G0055	017-8705		Auto	LP	-30 to 700	60 to 400	226.00
			Man	HP	700 to 3000	Manual Reset	
G0055A	017-8703	Man	LP	-30 to 700	Manual Reset	226.00	
Man	HP	700 to 3000					



CONTROL MOUNTING BRACKETS

STOCK NO.	DESCRIPTION	PRICE \$ excl. GST
G0057	Angle Bracket For Mounting Controls	9.00
G0058	Flat Bracket For Mounting Controls	9.00



COPPER PRESSURE CONTROL LINES

STOCK NO.	DESCRIPTION	PRICE \$ excl. GST
G0060	1m Capillary Control Line c/w Flare Nuts & Depressor	26.00
G0065	1m Capillary Control Line c/w Flare Nuts	16.50



YELLOW JACKET - CONTROL HOSES (Black Rubber)

STOCK NO.	DESCRIPTION	PRICE \$ excl. GST
G0070	12" (300mm) - 1/4" FF Str. x 1/4" FF 90° pressure control hose	32.00
G0071	18" (450mm) - 1/4" FF Str. x 1/4" FF 90° pressure control hose	35.00
G0072	24" (600mm) - 1/4" FF Str. x 1/4" FF 90° pressure control hose	40.00
G0074	36" (900mm) - 1/4" FF Str. x 1/4" FF 90° pressure control hose	48.00
G0075	48" (1200mm) - 1/4" FF Str. x 1/4" FF 90° pressure control hose	60.00
G0076	60" (1500mm) - 1/4" FF Str. x 1/4" FF 90° pressure control hose	68.00



- Designed for permanent installation and have a 1/4" FF metal to metal seat. (Copper gaskets included)
- The minimum operating temperatures these hoses can be safely be used is -30°C, and the maximum is 122°C. Maximum working pressure is 9000 kPa.

FAN SPEED CONTROLLERS



FOR SINGLE PHASE AND THREE PHASE MOTORS

Condenser Fan Speed Controls are designed to control fan speed in response to changes in condensing pressure. Keeping the pressure in the air cooled condenser constant under changing ambient conditions and above minimum levels during low ambient conditions insures adequate pressure at the expansion device and provides stable system operation.

JOHNSON FAN SPEED CONTROLLERS - 1 PHASE

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G1277A	P215PR-9200	Compact/Direct Mount - Pressure Actuated Fan Speed Controller; For approved 1ph motors rated up to 3A , Fitted with RF suppression filter, Range 10-25 Bar adjustable, 4 Bar fixed proportional band. Suits Refrigerants, R404A, R507, R22 & R134A	332.00



SAGINOMIYA FAN SPEED CONTROLLERS - 1 PHASE

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G0730	RGE-Z1N4-5	Pressure Actuated Fan Speed Controller; For approved 1ph motors rated from 0.2 - 4A , Range 8 - 28 Bar adjustable 4 Bar fixed proportional band. Weather-proof (IP54) Suits Refrigerants: R404A, R507, R22 & R134A Adjustable	435.00
G0730A	RGE-Z1Q4-5	Pressure Actuated Fan Speed Controller; For approved 1ph motors rated from 0.2 - 8A , Range 8 - 28 Bar adjustable 4 Bar fixed proportional band. Weather-proof (IP54) Suits Refrigerants: R404A, R507, R22 & R134A Adjustable	522.00



SAGINOMIYA FAN SPEED CONTROLLERS - 3 PHASE

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G0729	RGE-X3R4-7	Pressure Actuated Fan Speed Controller; For approved 3ph motors rated from 0.2 - 5A , Range 8 - 28 Bar adjustable 4 Bar fixed proportional band. Weather-proof (IP54) Suits Refrigerants: R404A, R507, R22 & R134A Adjustable	1,385.00



JOHNSON WATER REGULATING VALVES

STOCK NO.	TYPE	CONNECTIONS		OPENING POINT RANGE	PRICE \$ excl. GST
		LIQUID SIDE	CONDENSER SIDE		
G1401	V46AA-9600	3/8" FBSP	1/4" Female Flare 750mm Capillary	500-1800 kPa	385.00
G1402	V46AB-9600	1/2" FBSP			385.00
G1404	V46AC-9600	3/4" FBSP			490.00
G1406	V46AD-9600	1" FBSP			990.00
G1413	V46AE-9600	1-1/4" FBSP			1,190.00



JOHNSON FLOW SWITCHES

STOCK NO.	PRODUCT NUMBER	CONNS.	ENCLOSURE IP RATING	MAX LIQUID PRESSURE kPa (psig)	MAX LIQUID TEMP (°C)	MIN LIQUID TEMP (°C)	PRICE \$ excl. GST
G1320	F61MB-1C	1" MNPT	IP66	1034 (150)	120	-29	465.00
G1322	F61KB-11C		IP30	1034 (150)		-4	245.00
G1324	F61SB-9100		IP43	1034 (150)		445.00	



- For use on lines carrying water or ethylene glycol. Not for use with corrosive or hazardous fluids or in hazardous atmospheres.
- Supplied with 6", 3", 2" & 1" stainless steel paddle segments.



PARAGON DEFROST TIMERS

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G0092	Paragon 8045-21	<ul style="list-style-type: none"> • Time initiated, time terminated. • 1 - 6 defrosts per 24 hours. • Minimum of 4 hours between defrosts. • Length of defrost 4 - 110 minutes in 2 minute increments. • For basic defrost systems. • Maximum contact rating is 25 Amps. 	345.00
G0090	Paragon 8145-21	<ul style="list-style-type: none"> • Time initiated. • Externally temperature or pressure terminated. • 1 - 6 defrosts per 24 hours. • Minimum of 4 hours between defrost. • Length of defrost 4 to 110 minutes in 2 minute increments. • Has relay contact facility. • Maximum contact rating is 25 Amps. 	395.00
G0091	Paragon 632-21*	<ul style="list-style-type: none"> • Time initiated, time terminated with fan delay. • 1 - 8 defrosts per 24 hours. • Minimum of 3 hours between defrosts. • Pre-defrost delay 0 to 30 minutes in 3 minute increments. • Defrost period 3 to 45 minutes in 3 minute increments. • Post defrost delay 3 to 15 minutes in 3 minute increments.. • Maximum contact rating is 10 Amps. 	690.00
G0093	Paragon 8245-21	<ul style="list-style-type: none"> • Time initiated, pressure terminated. • 1 - 6 defrosts per 24 hours. • Minimum of 4 hours between defrosts. • Length of defrost 4 to 110 minutes in 2 minute increments. • Adjustable cut-in setting dial calibrated from 36-110 psi. • Maximum contact rating is 40 Amps. 	845.00



COMPACT TIMERS

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G0226	THE64 B	<ul style="list-style-type: none"> • 24 hour clock. • Operating Temperature: -10 / +50°C. • 7.5 minute time setting intervals. • Minimum switching period - 30min. • Contact ratings: 16 Amp resistive, 2 Amp inductive. 	89.50
G0089	Alpha S Defrost Control Timer	<ul style="list-style-type: none"> • Compact Series. • 24 hour clock., 7 day timer. • Operating Temperature: -10 / +50°C. • 2 hour programming segments. • Contact ratings: 16 Amp resistive, 4 Amp inductive. 	142.00
G0122A	DR121	Domestic Defrost Timer - Suits westinghouse	156.00



DR121

AIR CONDITIONING DEFROST CONTROL

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G0660	EDF-02A (240V)	EDF02A Microprocessor Demand Defrost Control Suitable for Reverse cycle Air Conditioners, Heat Pumps, Swimming Pool heaters and other HVAC equipment requiring accurate and reliable control of defrost. LED indication of running status, Defrost mode and fault diagnostics (Includes 2m Sensor)	265.00
G0661	EDF-02A/24 (24V)		265.00
G0662	EDF-02A-SEN	Sensor for EDF Defrost controls	58.00



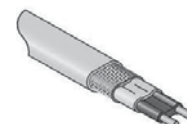
DEFROST SAFETY THERMOSTATS

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G0015	53000003	Klixon 2 wire, Defrost Safety	83.50
G0017	53000001	Klixon 3 wire fan delay, Defrost Termination	89.50



SELF REGULATING HEAT TAPE - FLX TYPE (Metal Braided)

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G0020	FLX-8	Heater Tape 25 Watts per metre (8 Watt / Ft)	45.10
G0021A	FLX-10-2BC	Heater Tape 33 Watts per metre (10 Watt / Ft)	43.60
G0021B	FLX-15-2BC	Heater Tape 48 Watts per metre (15 Watt / Ft)	53.30
G0022	SX-TERM	Termination Kit to suit FLX	32.80



SELF REGULATING HEAT TAPE - SSR TYPE (Small Profile)

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G0020C	SSR5-2	Heater Tape 16 Watts per metre (5 Watt / Ft)	38.95
G0020A	SSR10-2	Heater Tape 33 Watts per metre (10 Watt / Ft)	38.95
G0020B	SSR15-2	Heater Tape 50 Watts per metre (15 Watt / Ft)	38.95
G0022A	SRR KIT	Termination Kit to suit SSR	39.50



EVAPORATION PAN

STOCK NO.	PRODUCT NUMBER	DESCRIPTION	PRICE \$ excl. GST
G0025A	CRH-660	Evaporatove Drain Pan - Evaporation Rate 157 ml/hr	219.35

