



Gauges

Refco

60mm Diameter Dual Scale

Direct Mounted - Bottom Entry 1/8" NPT



Cat. No.	Part No.	Type	Range	Temp. Refrigerant	Features	List Price \$ Exc. GST	
330059	M2-250-R134a/22	Compound	-100 : 1000 kPa 30" : 0 : 140 psi	R134a, R22, R404A	Bourdon Type Adjustable	\$54.79	
330060	M2-500-R134a/22	Pressure	0 : 3000 kPa 0 : 400 psi			\$54.79	
330067	M2-250-DS-CLIM	Compound	-100 : 3600 kPa 30" : 0 : 520 psi			R22, R407C, R410A	\$72.82
330068	M2-500-DLS-CLIM	Pressure	-100 : 5400 kPa 30" : 0 : 780 psi				\$72.82
330052	M2-255-kPa-R410A	Compound	-100 : 3600 kPa 30" : 0 : 520 psi	R410A			\$72.82
330053	M2-555-kPa-R410A	Pressure	-100 : 5400 kPa 30" : 0 : 780 psi				\$72.82
330054	R3-220-DS-R410A	Compound	-100 : 3600 kPa 30" : 0 : 520psi			Bellows Type, Adjustable Oil Filled Aluminium Housing	\$435.05
330055	R3-320-DS-R410A	Pressure	-100 : 5400 kPa 30" : 0 : 780 psi				\$435.05
330065	R3-220-kPa-R22	Compound	-100 : 1000 kPa 30" : 0 : 140 psi		R134a, R22, R404A		\$352.35
330066	R3-320-kPa-R22	Pressure	0 : 3000 kPa 0 : 400 psi				\$352.35

Gauge Protectors



Cat. No.	Part No.	Description	List Price \$ Exc. GST
352282	CPR6333	Rubber Gauge Protector Black	\$16.04

Differential Pressure Gauges

HK INSTRUMENTS

HK Instruments

Differential Pressure Gauge



Cat. No.	Part No.	Gauge Range	List Price \$ Exc. GST
331154	DPG250	0 - 250 Pa	\$476.17
331157	DPG500	0 - 500 Pa	\$476.17

Differential Pressure Gauge and Pressure Switch Combination



Cat. No.	Part No.	Gauge Range	Switch Range	Accuracy of Gauge	Switching Difference	Accuracy of Switching Point		List Price \$ Exc. GST
						Low Limit Typ.	High Limit Typ.	
331173	DPG600/PS600	0 - 600 Pa	40 - 600 Pa	±2%	30 Pa	40 Pa ± 5 Pa	600 Pa ± 30 Pa	\$608.89



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Test & Measurement



Refco

Cat. No.	Part No.	Range °C	Description	List Price \$ Exc. GST
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Pocket Thermometers – Dial Type

331191	15150	-40 to 40	25mm Dial. 127mm Stem c/w Pocket Tube and Clip	\$22.79
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Cabinet Thermometers

331190	15519	-40 to 40	Circular Plastic 64.5mm Diameter	\$16.78
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Dial Thermometers

Cat. No.	Part No.	Size: mm	Description	Capillary Length: m	Range °C	List Price \$ Exc. GST
332049	F84-60MM-FA	60	Front Flange Rear Entry	1.5	-40 to 40	\$149.97
332053	F84-100MM-FA	100				\$182.59
332050	F84-60MM-FP	60	Rear Flange Bottom Entry			\$142.93
332051	F84-80MM-FP	80				\$149.97
332052	F84-100MM-FP	100				\$175.53
332057	F87R-60MM	60	Reversible Flange can be changed from Front Flange to Rear Flange Mounting Bottom Entry			\$105.84
332056	F87R-100MM	100		\$120.21		
332055	F87R-100MM-7.5M	100		7.5		\$220.92

• Suitable for building into cabinets

Cat. No.	Part No.	Brand	Size: mm	Capillary Length: m	Range °C	List Price \$ Exc. GST
332058	CPF-83	Refco	52	1.5	-40 to 40	\$63.64
332061	CPN	Arthermo			0 to 120	\$82.11

Rectangular Thermometer

Cat. No.	Part No.	Size Rectangular: mm	Range °C	Capillary Length: m	List Price \$ Exc. GST
332060	15165	26 x 58	-40 to 40	1.5	\$55.33



Actrol

Digi-thermo

Cat. No.	Range °C	Resolution °C	Accuracy °C	Sample Time	Battery Type (inc.)	Dimensions: mm	List Price \$ Exc. GST
332120	-50 to 260	0.1	0.5	1 sec or 10 sec	1.5V 'AAA'	106 x 66 x 20	\$103.93

Thermo Controls

Dual Input Digital Thermometer

Cat. No.	Part No.	Range °C	Resolution °C	Accuracy °C	Battery Type (inc.)	Dimensions: mm	List Price \$ Exc. GST
332066	4918	-50 to 1300	0.1	0.1	9V	149 x 71 x 41	\$162.17

Paragon

Temp Tech Digital Maximum / Minimum Thermometer

Cat. No.	Part No.	Range °C	Resolution °C	Sampling Cycle	Ext. Sensor Length	Battery Type (inc.)	List Price \$ Exc. GST
331057	EMT 88	-5 to 50	1	10 sec	3m	G13 or LR44	\$114.74



Carel

Panel Mount Thermometers

Cat. No.	Part No.	Range °C	Power Supply	Sensor (not inc.)	List Price \$ Exc. GST
332025	IR33M00N00	-50 to 50	12Vac	NTC	\$157.05
332026	IR33M0ER00		240Vac		\$210.87
332018	IREVM0LN0U		12-24Vac/dc		\$187.55
332019	IREVM0EN0U		240Vac		\$210.87

Refco

Digital Pocket Thermometer

Cat. No.	Model No.	Description	Range	List Price \$ Exc. GST
332113	15140	Digital Pocket Thermometer	-50 to 150°C	\$123.36

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Test & Measurement

FLUKE®

Fluke

Fluke 61 Infrared Thermometer

Cat. No.	Model No.	Temp. Range °C	Resolution °C	Distance to Spot Ratio	List Price \$ Exc. GST
332140	Fluke 61	-18 to 275	0.2	8:1	\$534.63

Fluke 62 MAX+ Infrared Thermometer

Cat. No.	Model No.	Temp. Range °C	Resolution °C	Distance to Spot Ratio	List Price \$ Exc. GST
332144	Fluke 62 MAX+	-30 to 650	0.1	12:1	\$487.97

Fluke 561 HVACPro Infrared and Contact Thermometer

Cat. No.	Part No.	Temp. Range	Reading Resolution	List Price \$ Exc. GST
332143	Fluke 561	-40°C to 550°C	0.1°C of reading	\$827.42

Fluke 52-2 Digital Thermometer

Cat. No.	Model No.	Temp. Range °C	Size (HxWxD)	Weight (kg)	List Price \$ Exc. GST
332150	Fluke 52-2	-250 to 1372	173 x 86 x 38	0.4	\$1,219.92

Fluke 971 Temperature Humidity Meter

Cat. No.	Part No.	Temp. Range	Temp. Resolution	HumidityRange %RH	List Price \$ Exc. GST
332160	Fluke 971	-20°C to 60°C	1°C	5% to 95% R.H.	\$860.51

Fluke Thermal Imagers

Cat. No.	Part No.	Description	List Price \$ Exc. GST
332200	Ti25 9HZ	Thermal Imaging Kit	P.O.A.

Fluke 411D Laser Distance Meter

Cat. No.	Part No.	Description	Range	Measuring accuracy	List Price \$ Exc. GST
338198	Fluke 411D	Laser Distance Meter	0.1 m to 30 m (0.33 ft to 100ft)	± 3 mm (0.118 in)	\$479.46

Fluke 922/Kit Airflow Meter

Cat. No.	Part No.	Description	List Price \$ Exc. GST
338206	Fluke 922/Kit	Airflow Meter Kit	\$2,280.68

Fluke 975V AirMeter

Cat. No.	Part No.	Description	List Price \$ Exc. GST
338202	Fluke 975V	AirMeter Kit with velocity probe	P.O.A

Fluke 1AC II Voltage Detector

Cat. No.	Part No.	Description	Range	List Price \$ Exc. GST
338023	Fluke 1AC-II	Voltage Detector	90 to 1000V	\$131.72

Fluke T5 Electrical Tester

Cat. No.	Part No.	Measuring	Maximum Ranges	List Price \$ Exc. GST
338014	T5-600	AC Current	100 A	\$446.17
		AC/DC Voltage	600 V	
		Resistance	1000 Ω	

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Fluke

Fluke 324 Clamp Meter

Cat. No.	Part No.	Description	List Price \$ Exc. GST
338031	Fluke 324	True RMS Clamp Meter	\$509.16



Fluke 902 True RMS HVAC-R Clamp Meter

Cat. No.	Part No.	Measuring	Maximum Ranges	List Price \$ Exc. GST
338032	Fluke 902	AC Current	600 A	\$1,071.41
		AC/DC Voltage	600 V	
		Resistance	9999 Ω	
		Capacitance	1000 µF	



Fluke 381 Remote Display Clamp Meter

Cat. No.	Part No.	Description	List Price \$ Exc. GST
338035	Fluke 381	Remote Display Clamp Meter	\$1,760.88



Fluke 365 Detachable Jaw Clamp Meter

Cat. No.	Part No.	Description	List Price \$ Exc. GST
338036	Fluke 365	Detachable Jaw Clamp Meter	\$1,050.19



Fluke 771 Milliamp Process Clamp Meter

Cat. No.	Part No.	Range/Resolution	Accuracy	List Price \$ Exc. GST
338034	Fluke-771	-20.99 to +20.99 mA	0.2% or reading +5 counts	\$1,844.08
		-21.0 to -99.9 mA	1% reading +5 counts	
		+21.0 to +99.9 mA	1% reading +5 counts	

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Test & Measurement

FLUKE®

Fluke

Fluke 116 Digital Multimeter



Cat. No.	Part No.	Measuring	Maximum Ranges	List Price \$ Exc. GST
338028	Fluke 116	AC/DC Voltage	600V	\$786.06
		Resistance	40M Ω	
		Capacitance	10000 µF	
		Frequency	50k Hz	
		Temperature	-40°C to +400°C	



Fluke 233 Remote Display Multimeter

Cat. No.	Part No.	Description	List Price \$ Exc. GST
338029	Fluke 233	Remote Display Multimeter	\$1,241.13

Fluke 116/323 Combo kit

Cat. No.	Part No.	Kit contents	List Price \$ Exc. GST
338043	116/323	116 Multimeter 323 Clamp Meter TL75 Test Lead Set T Pak Meter Hanging Kit 80pk11 Velcro Pipe Clamp Thermocouple 80AK Thermocouple Adaptor 80PK1 Bead Type Thermocouple C115 Carry Case	\$1,177.49



Fluke 116/62 Combo Kit

Cat. No.	Part No.	Kit contents	List Price \$ Exc. GST
338042	116/62	116 Multimeter 62 Infrared Thermometer TL75 Test Lead Set T Pak Meter Hanging Kit 80BK Temperature Probe 80AK Thermocouple Adaptor 80PK11 Velcro Pipe Clamp Thermocouple C115 Carry Case	\$1,145.64



Fluke 1735 Three Phase Power Logger

Cat. No.	Part No.	Description	List Price \$ Exc. GST
338052	Fluke 1735	Three Phase Power Logger	\$7,049.53



Fluke VR1710 Voltage Power Recorder

Cat. No.	Part No.	Description	List Price \$ Exc. GST
338051	Fluke VR1710	Voltage Power Recorder	\$3,383.89



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FLUKE®



Fluke

Fluke 1587 Insulation Multimeter

Cat. No.	Part No.	Size (HxWxD): mm	Weight: kg	List Price \$ Exc. GST
338040	Fluke 1587	203 x 100 x 50	0.55	\$2,620.13

Accessories

Cat. No.	Part No.	Description		List Price \$ Exc. GST
338058	TPAK	Meter Hanging Kit. Includes; Universal hanger clips (2), hook and loop straps (2 lengths), strong magnet		\$135.76
338060	80AK	Thermocouple Adapter		\$84.85
338061	TP1	Modular Test Probes		\$61.54
338062	TL75	Test Lead, Lead Set. Inc.: Pair Comfort Grip probes with PVC insulated test leads, with right-angle shrouded banana plugs		\$74.27
338063	TP175	Twistguard Test Probe Set		\$72.12
338064	TI175	Twistguard Test Lead Set		\$101.84
338068	TLK225	Master Accessory Kit. Inc: Alligator Clip Set, Hook Clip Set, Pincer Clip Set, Large Jaw Alligator Clip Set, Test Probe Set, Silicone Test Lead Set, 6-Pocket Storage Pouch		\$445.53
338069	TLK289	Industrial Master Accessory Kit. Inc: Alligator Clip Set, Hook Clip Set, Large Jaw Alligator Clip Set. Lantern Tip Test Probe Set, Test Lead Set, Hanging Kit, Temperature Thermocouple, Soft Storage Case		\$464.63
338070	80PK1	Temperature Probe	Bead K Type -40°C to 260°C	\$95.50
338072	80PK3A		Surface K Type 0°C to 260°C	\$509.16
338074	80PK25		Piercing K Type -40°C to 350°C	\$360.65
338076	80PK11		Velcro Strap on K Type -30°C to 105°C	\$137.90
338077	80PK8		Pipe Clamp K Type -29°C to 149°C	\$615.25
338013	H5	Holster		\$101.84
338085	C12A	Soft Case		\$93.36
338087	C25			\$131.53
338089	C33			\$97.58



Refco

Inverter Check Kit

Cat. No.	Part No.	Description	List Price \$ Exc. GST
338133	4678571	Inverter Check Kit	\$583.43

LP-88 Infrared Thermometer

The LP-88 is a rugged and practical infrared thermometer with a pistol grip, which allows for contact free temperature measurement. Various temperatures can efficiently be measured within a room. The built in dual laser pointer simplifies the measurement, by marking the measurement area with two red laser points.

- Temperature range: -60°C to +550°C
- Operating temperature: +0°C to +50°C



Cat. No.	Part No.	Model No.	Description	List Price \$ Exc. GST
332110	4686697	LP-88	Infrared Thermometer	\$397.29



Evolve

Magjumper

The Magjumper Magnetic Jumper cables are the ideal troubleshooting tool for low voltage electronic circuits. The leads are magnetic, making them a great addition to anyone's arsenal of tools for troubleshooting electric circuits.

Cat. No.	Part No.	Description	List Price \$ Exc. GST
332009	EVO-MAG	Magjumper magnetic test cable	\$37.58



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Test & Measurement



Kimo

AQ100S Air Quality Meter

AQ100S Air Quality Meter is a key tool to diagnose, inspect and check air quality measuring CO2 and temperature.

Cat. No.	Model No.	Measuring Range	Accuracy	Resolution	List Price \$ Exc. GST
338250	AQ100S	CO2: From 0 to 5000 PPM Temp: -20°C to +80°C	$\pm 3\%$ / ± 50 PPM $\pm 0.4\%$ / $\pm 0.3^\circ\text{C}$	1 ppm 0.1°C	\$1,779.59



AQ200P Air Quality Meter

AQ200P Air Quality Meter is a key tool to diagnose, inspect and check air quality measuring CO2 and temperature.

Cat. No.	Model No.	Measuring Range	Accuracy	Resolution	List Price \$ Exc. GST
338251	AQ200P	CO2: 0 to 5000ppm Temp: -20°C to +80°C	$\pm 0.3\%$ / ± 50 ppm $\pm 0.3\%$ of reading $\pm 0.25^\circ\text{C}$	1 ppm 0.1°C	\$3,144.44



LV110S Vane Probe Thermo-Anemometer

LV110S Vane Probe Thermo-Anemometer is a key tool to diagnose, inspect and check air velocity, airflow and ambient temperature.

Cat. No.	Model No.	Measuring Range	Accuracy	Resolution	List Price \$ Exc. GST
338252	LV110S	Temp: -20°C to 80°C Air Flow: 0 to 99999m3/h Air Velocity: from 0.25 to 3m/s Air Velocity: from 3.1 to 35m/s	$\pm 0.4\%$ of reading $\pm 0.3^\circ\text{C}$ $\pm 0.3\%$ of reading $\pm 0.03 \times \text{area}(\text{cm}^2)$ $\pm 0.3\%$ of reading $\pm 0.01\text{m/s}$ $\pm 0.1\%$ of reading $\pm 0.3\text{m/s}$	0.1°C 1m3/h 0.01m/s 0.1m/s	\$1,220.33



LV130S Vane Probe Thermo-Anemometer

LV130S Vane Probe Thermo-Anemometer is a key tool to diagnose, inspect and check air velocity, air flow and ambient temperature.

Cat. No.	Model No.	Measuring Range	Accuracy	Resolution	List Price \$ Exc. GST
338258	LV130S	Air Velocity: 0.25 to 3m/s Air Flow: 0 to 99999m3/h Temp: 0 to +50°C	$\pm 3\%$ / $\pm 0.1\text{m/s}$ $\pm 3\%$ / $\pm 0.03 \text{ area}(\text{cm}^2)$ $\pm 0.4\%$ / $\pm 0.3^\circ\text{C}$	0.01m/s 1m3/h 0.1°C	\$991.13

MP100S Manometer

MP100S Manometer is a key tool to diagnose, inspect and check pressure and air velocity, using a Pitot tube.

Cat. No.	Model No.	Measuring Range	Accuracy	Resolution	List Price \$ Exc. GST
338253	MP100S	Pressure: From 0 to ± 1000 Pa Air Velocity: from 2 to 5 m/s From 5 to 40m/s	$\pm 0.5\%$ / $\pm 2\text{Pa}$ $\pm 0.7 \text{ m/s}$ $\pm 0.5\%$ / $\pm 0.3\text{m/s}$	1 Pa 0.1 m/s	\$755.44



MP120S Manometer

MP120S Manometer is a key tool to diagnose, inspect and check differential pressure and air velocity.

Cat. No.	Model No.	Measuring Range	Accuracy	Resolution	List Price \$ Exc. GST
338254	MP120S	Pressure: (mmHg, PSI, DaPa) From 0 to ± 1000 Pa Air Velocity: (m/s, fpm, Km/h) from 2 to 5 m/s From 5 to 40m/s	$\pm 0.5\%$ / $\pm 2\text{Pa}$ $\pm 0.7 \text{ m/s}$ $\pm 0.5\%$ / $\pm 0.3\text{m/s}$	1 Pa 0.1 m/s	\$887.82



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Test & Measurement



Kimo

VT100S Hotwire Thermo-Anemometer

VT100S Hotwire Thermo-Anemometer is a key tool to diagnose, inspect and check air velocity, airflow and ambient temperature.



Cat. No.	Model No.	Measuring Range	Accuracy	Resolution	List Price \$ Exc. GST
338255	VT100S	Temp: -20°C to 80°C Air Flow: 0 to 99999m3/h Air Velocity: from 0.15 to 3m/s Air Velocity: from 3.1 to 30m/s	±0.4% of reading ± 0.3°C ±0.3% of reading ± 0.03*area(cm2) ±0.3% of reading ± 0.05m/s ±0.3% of reading ± 0.2m/s	0.1°C 1m3/h 0.01m/s 0.1m/s	\$1,023.38

MP200G Thermo-Anemo-Manometer

MP200G Thermo-Anemo-Manometer is a key tool to diagnose, inspect and measure pressure, air velocity, and airflow.

Cat. No.	Model No.	Measuring Range	Accuracy	Resolution	List Price \$ Exc. GST
338256	MP200G	Pressure: 0 to ± 500 Pa	±0.2% / ±0.8Pa ±0.2% / ±2Pa ±0.2% / ± 10 Pa ±0.3 m/s ±0.5% / ±0.2m/s ±0.2% / ±1% PE	0.1 Pa 1Pa 1Pa 0.1m/s 0.1 m/s 1m3/h	\$2,418.03
		0 to 2,500 Pa			
		0 to 10,000 Pa			
		Air Velocity: 2 to 5 m/s			
		5.1 to 100m/s			
		Air Flow : 0 to 99,999m3/h			

DBM610 Portable Flow Meter

DBM700 is designed and manufactured to be indispensable to engineers responsible for balancing Air Flow in air conditioning systems.



Cat. No.	Model No.	Measuring Range	Accuracy	Resolution	List Price \$ Exc. GST
338257	DBM610	Air Flow: 40 to 3500 m3/h Temp: 0 to +50°C	3% / ±10m3/h 2% / ±0.1°C	1m3/h 0.1°C	\$9,000.67

KiRay 100 Infrared Thermometer

Cat. No.	Model No.	Temperature Range °C	Resolution °C	Distance to Spot Ratio	List Price \$ Exc. GST
338261	KiRay 100	-50°C to +800°C	0.1°C	20:1	\$435.80

KiRay 200 Infrared Thermometer

Cat. No.	Model No.	Temperature Range °C	Resolution °C	Distance to Spot Ratio	List Price \$ Exc. GST
338263	KiRay 200	-50°C to +850°C	0.1°C	30:1	\$590.77

TK100S Thermocouple Thermometer

TK100S Thermometer is a key tool to diagnose, inspect and check any temperature, using a Thermocouple Type K.

Cat. No.	Model No.	Measuring Range	Accuracy	Resolution	List Price \$ Exc. GST
338265	TK100S	-200 to 1300°C	±1.1°C or ±0.4%	0.1°C	\$606.92

TR100S PT100 Thermometer (RTD)

TR100S Thermometer is a key tool to diagnose and check low temperature to high accuracy.

Cat. No.	Model No.	Temperature Range °C	Accuracy	Resolution	List Price \$ Exc. GST
338266	TR100S	-100 to 400°C	±0.3°C or ±0.4%	0.1°C	\$587.56

HD100S Hygrometer

HD100S Hygrometer is a key tool to diagnose, inspect and check Relative Humidity, Dew Point and Ambient Temperature.

Cat. No.	Model No.	Temperature Range °C	Accuracy	Resolution	List Price \$ Exc. GST
338268	HD100S	Humidity : from 5 – 95% RH Dew Point: from -40°C to + 70°C Temp: from -20 to + 70°C	RH: ±1.8%(15°C to 25°C) DP: ±0.8% / ±0.6°C Temp: ±0.4% / ± 0.3°C	0.1%RH 0.1°C 0.1°C	\$881.32

Protective Cases

Providing not only protection for your meter, these cases feature a super strong magnet, strap and rear stand for visual ease while working.

Cat. No.	Model No.	Description	List Price \$ Exc. GST
338280	CE100	100 Class Protective Case	\$129.13
338281	CE200	200 Class Protective Case	\$171.08



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Data Loggers

Kimo Data Loggers

Starter Kits

Cat. No.	Part No.	Description	Kit Contents	List Price \$ Exc. GST
335200	KT-110-IN STARTER KIT	Data Logging Starter Kit	1 x KT 110 IN Logger 1 X KIC2 N Software 1 x USB Cable	\$643.35

Loggers

Cat. No.	Part No.	Description	Display	IP Rating	Int. Sensor	Ext. Inputs	Working Temp Range	Working Humidity Range	Light Range	List Price \$ Exc. GST
335204	KT 110 IN	Temperature Data Logger	No	IP67	Yes	0	-40°C to 70°C			\$380.49
335205	KT 110 IO		Yes			0			\$525.76	
335206	KT 110 AN	Data Logger with External Input for Temperature, Current, Voltage, Amperage	No	IP40		1			\$574.18	
335207	KT 110 AO		Yes			1			\$709.07	
335208	KH 110 AN	Temperature, Humidity & Light Data Logger	No			0	-20°C to 70°C	5 to 95%	0 to 10,000 lux	\$1,020.36
335209	KH 110 AO		Yes			0				\$1,144.89

Software

Cat. No.	Part No.	Description	List Price \$ Exc. GST
335202	KIC2-N	Software with USB Cable	\$290.56

External Sensors

Cat. No.	Part No.	Description	Range	List Price \$ Exc. GST
335210	KCG 50N	General Use Temperature Sensor with 50 x 4.5mm stainless steel probe & 2m PVC cable	-40°C to 120°C	\$162.55
335211	KCV200N	Velcro Temperature Sensor with 200mm Velcro for clamp on pipe measurement. 2m PVC cable	-20°C to 90°C	\$162.55
335212	KPIJ 100N	Ammeter Clamp Sensor with 2m PVC cable	0°C to 100A	\$1,030.78
335213	KCTJ 10N	Voltage Input Sensor. 2m PVC cable	0°C to 10V	\$141.81
335214	KCCJ 20N	Current Input Sensor. 2m cable	0 to 0/20mA and 4/20mA	\$190.22



Flaring Tools



Refco

Flaring and Swaging Tool Kit

Converts quickly into flaring or swaging tool. Hand chrome finished with self-centering, slip on forged steel yoke.

Cat. No.	Part No.	List Price \$ Exc. GST
348091	RF-175-FS	\$288.90

Eccentric Flaring Tool Kit

Suitable for R410A refrigerant tube

Cat. No.	Part No.	List Price \$ Exc. GST
348089	RF888Z	\$636.07
348088	RF899Z	\$595.37



Super Ego

Eccentric Flaring Tool Kit

Suitable for R410A refrigerant tube

Cat. No.	Part No.	List Price \$ Exc. GST
348112	R222402SE	\$649.44



Ridgid

Eccentric Flaring Tool Kit

Suitable for R410A refrigerant tube

Cat. No.	Part No.	List Price \$ Exc. GST
348120	70677	\$798.53

Equipment & Tools



Refco

Fin Combs

Cat. No.	Part No.	Model No.	Description	List Price \$ Exc. GST
347010	9881562	14142	Fin Comb with Spare Head	\$53.16
347011	9881561	14144	Spring Steel Fin Comb	\$41.32

Service Piercing Pliers

Cat. No.	Part No.	Description	List Price \$ Exc. GST
348004	14210-STD	Service Piercing Pliers	\$223.56
348005	14210-01	Spare Needle	\$17.17

Pinch-Off Pliers

Cat. No.	Part No.	List Price \$ Exc. GST
348003	14200	\$108.08

Swaging Pole

Cat. No.	Part No.	List Price \$ Exc. GST
348014	T-21100	\$51.80

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Equipment & Tools

Refco

Charging Hoses – 1/4" Flare Connection



Cat. No.	Part No.	Nominal Length	Colour	List Price \$ Exc. GST
349290	CCL-36	Set of 3 - 900mm (36")	Blue, Red, Yellow	\$90.22
349291	CCL-72	Set of 3 - 1800mm (72")	Blue, Red, Yellow	\$120.17
349277	CL-36B	900mm (36")	Blue	\$34.21
349275	CL-36R		Red	\$34.21
349276	CL-36Y		Yellow	\$34.21
349280	CL-60B	1500mm (60")	Blue	\$40.22
349278	CL-60R		Red	\$40.22
349279	CL-60Y		Yellow	\$40.22
349283	CL-72B	1800mm (72")	Blue	\$43.30
349281	CL-72R		Red	\$43.30
349282	CL-72Y		Yellow	\$43.30
349288	CL-144B	3600mm (144")	Blue	\$80.55
349289	CL-144R		Red	\$80.55
349287	CL-144Y		Yellow	\$80.55

Charging Hoses – For R410A

Cat. No.	Part No.	Description	Working Press.	List Price \$ Exc. GST
349029	CCL-36- 1/2"-20 UNF	Set of 3 hoses, 1 each Blue, Red & Yellow. 900mm (36") long	6000 kPa (870 psig)	\$119.83
349028	CCL-60- 1/2"-20 UNF	Set of 3 hoses, 1 each Blue, Red & Yellow. 1500mm (60") long		\$150.14

Charging Hoses – 3/8" Flare Connection

Cat. No.	Part No.	Nominal Length	List Price \$ Exc. GST
349315	HCL6-36Y	900mm (36")	\$58.76
349316	HCL6-48Y	1200mm (48")	\$62.38
349317	HCL6-60Y	1500mm (60")	\$65.98

R134a Automotive A/C Ball Service Valves

Cat. No.	Part No.	Description	Connection	List Price \$ Exc. GST
349203	CX-AUTO-R-1/4	High Side Valve – Red	1/4" M. Fl. x Auto Quick Connect Supplied with Angle Adaptor	\$140.50
349202	CX-AUTO-B-1/4	Low Side Valve – Blue		\$140.50

Charging Line Valve



Cat. No.	Part No.	Description	Connection	List Price \$ Exc. GST
349210	CA-1/4 SAEY	Charge Line Valve	1/4" FF x 1/4" MF	\$52.22
349211	CA-1/2 2OUNF		5/16" FF x 1/4" MF R410A Rated	\$82.64



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Equipment & Tools



Refco

Digimon Digital Manifold

Digimon-SE are Refco's latest generation digital manifolds offering users easy to use 2-way and 4-way digital manifolds for the efficient and safe maintenance of air conditioning and refrigeration systems. This latest generation is characterized by its compact design and sturdy construction. The modern display allows for superheating, subcooling, vacuum levels and leakage test to be shown along with the pressure and temperature reading. Additionally, in analog mode, the digital figures are displayed visually. The Digimon meets the most important requirements for a digital manifold and is available in various versions. Available accessories include K-type pipe clamp temperature sensors as well as an external vacuum sensor.

Features

- 48 Refrigerant tables incl. R410A, R32, R744(CO2), R407F & R1234yf
- Analog and Digital Display
- Direct calculation and display of superheat and subcool
- 2 precise K-Type temperature sensors
- Leak-test function
- Backlit LCD display with multiple protection
- User-friendly operation
- Fiber reinforced ergonomic knobs
- Automatic power-save mode
- Low battery indicator
- Continuous measuring rate

Specifications

- Accuracy: Class 1.0
- Pressure resolution: 0.01 bar / 0.5psi / 1kPa / 0.001MPa
- Pressure Gauge from -0,95 bar to +60 bar

2 Way Manifold

Digimon digital two way manifold with:

- 3 x 1500mm charging lines $\frac{1}{4}$ " flare, blue, red and yellow
- 2 x 1500mm charging lines $\frac{5}{16}$ " flare, blue and red
- 2 x K type temperature sensors
- Sturdy plastic case



Cat. No.	Part No.	Model No.	Description	List Price \$ Exc. GST
349141	4686736	DIGIMON-SE-3-PLUS	Digital Manifold Set	\$1,191.82

4 Way Manifold

Digimon digital two way manifold with:

- 3 x 1500mm charging lines $\frac{1}{4}$ " flare, blue, red and yellow
- 2 x 1500mm charging lines $\frac{5}{16}$ " flare, blue and red
- 2 x K type temperature sensors
- Sturdy plastic case



Cat. No.	Part No.	Model No.	Description	List Price \$ Exc. GST
349144	4686740	DIGIMON-4-3-PLUS	Digital Manifold Set	\$1,545.54

Digimon Accessories

Cat. No.	Part No.	Description	List Price \$ Exc. GST
349146	4681466	K Type Pipe Clamp Temperature Sensor	\$210.07
349147	4681394	K Type Temperature Sensor	\$93.62
349148	4686713	External Vacuum Sensor	\$429.90



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Equipment & Tools

Refco

APEX Series

For 134a, R22 and R404A

Cat. No.	Part No.	Description	List Price \$ Exc. GST
349121	APEX-M2-6-kPa-R22	Manifold with dual scale (kPa/psi) gauges and 3 x 900mm charging lines	\$273.61

BM2 Series

Cat. No.	Part No.	Description	List Price \$ Exc. GST
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For R134a, R22 and R404A

349125	BM2-6-R134a/22-kPa/psi	Manifold with dual scale (kPa/psi) gauges and 3 x 900mm charging lines	\$310.08
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For R134a Automotive Air Conditioning

349123	BM2-3-kPa-R134A-Acme	Autoset R134a manifold, gauges 3 x 1800mm charging lines and CX-Auto couplings supplied in plastic case	\$760.13
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For R22 and R410A

349130	BM2-6-DS-CLIM	Manifold with dual scale (kPa/psi) gauges and 3 x 900mm $\frac{1}{4}$ " charging lines, 1 x Red, Blue & Yellow & 2 x 900mm $\frac{1}{4}$ " x $\frac{5}{16}$ " charging lines (Red,Blue)	\$431.63
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For R410A

349126	BM2-3-K8a-R410A	Manifold with dual scale (kPa/psi) gauges and 3 x 900mm charging lines and $\frac{1}{2}$ "-20UNF ($\frac{5}{16}$ "SAE) connection and core depressor on the unit side. Supplied in plastic case.	\$428.63
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R32 and R410A

Cat. No.	Part No.	Model No.	Description	Refrigerant Scales	Hose Connections: inch			List Price \$ Exc. GST
					Red	Blue	Yellow	
349119	4686948	BM2-6-DS-R32	Manifold Set with 3 x 900mm Hoses	R32, R410A	1/4 x 5/16	1/4 x 5/16	1/4 x 1/4	\$367.85

M4 Series - 4-Way Service Manifold

Cat. No.	Part No.	Description	List Price \$ Exc. GST
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For R134a, R22 and R404A

349132	BM4-3-M2	Manifold with dual scale gauges and 3 x 900mm charging lines. Supplied in plastic case.	\$562.12
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For R410A

349129	M4-3-Deluxe-DS-R410A	Manifold with dual scale (kPa/psi) gauges and 3 x 900mm charging lines with $\frac{1}{2}$ "-20 UNF ($\frac{5}{16}$ "SAE) connection and core depressor on the unit side. Supplied in plastic case.	\$1,014.97
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Multicase

Cat. No.	Part No.	Description	List Price \$ Exc. GST
349137	M4-6-15	Empty plastic case	\$129.26

Gauge Protectors

Cat. No.	Part No.	Description	List Price \$ Exc. GST
352282	CPR333	Rubber Gauge Protector Black	\$16.04



Super Ego

Digital Manifolds

The Super Ego digital manifold gauge gives the user more functionality and information as compared to standard manifold gauges out of one easy to use device. The manifold can be used on over 60 different refrigerants and gives the user automatic superheat / Sub-cooling calculations.

Manifolds

Cat. No.	Part No.	Description	List Price \$ Exc. GST
349470	R170525	Digital Manifold Set With 1 Clamping Thermometer, 3 x $\frac{1}{4}$ " x 1.5m hoses & 2 x $\frac{5}{16}$ " adaptors	\$1,513.63
349471	R170523	Digital Manifold Only	\$1,250.63

Accessories

Cat. No.	Part No.	Description	List Price \$ Exc. GST
349472	R1705N300	Clamping Thermometer	\$266.50
349473	R170521	Vacuum Sensor	\$882.47

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Equipment & Tools



Refco

Quick Couplers



Cat. No.	Part No.	Description		List Price \$ Exc. GST
349213	V35010	1/4" x 1/4"	Straight	\$88.21
349214	V35012		Elbow	\$103.69
349217	V35410	1/4" x 5/16"	Straight	\$141.62
349218	V35412		Elbow	\$158.30

Replacement Parts for Service Manifolds



Cat. No.	Part No.	Description		Suit Model	List Price \$ Exc. GST
349127	M4-6-11	Sight Glass Assembly		All Refco	\$43.14
349128	M4-6-04	Piston c/w 'O' Ring & Gasket			\$10.21
349131	M2-10-95	Valve Seat & Stem			\$32.31
349134	M2-6-09B	Knob	Blue	BM2, M2, Ultra	\$18.67
349135	M2-6-09R		Red		\$18.67
349270	M4-7-SET-B		Blue	M3, M4, BM4	\$10.33
349271	M4-7-SET-R		Red		\$10.33
349272	M4-7-SET-N		Black		\$10.33
349273	M4-7-SET-Y		Yellow		\$10.33
349380	M2-7-B		Blue	Digimon	\$19.51
349381	M2-7-R		Red		\$19.51
349382	4677647		External Temperature Sensor Single Pin		\$144.68

Replacement Parts – For 1/4" Flare Charging Hoses

Cat. No.	Part No.	Description	List Price \$ Exc. GST
349039	P509/10	Black Neoprene Gasket (Packet of 10)	\$11.29
349040	P509T/10	White Teflon Gasket (Packet of 10)	\$22.28
349311	PSI3/10	Valve Core Depressor (Packet of 10)	\$30.01

Replacement Parts – For 3/8" Flare Charging Hoses

Cat. No.	Part No.	Description	List Price \$ Exc. GST
349120	P510/10	3/8" Charging Line Gasket O'Ring (Packet of 10)	\$30.01

Charge-Oil Pump



Cat. No.	Part No.	List Price \$ Exc. GST
349458	21702	\$453.04



Actrol

Manual Oil Pump



Cat. No.	Part No.	List Price \$ Exc. GST
349459	RMP	\$401.85



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Refco



Tools



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Equipment & Tools

Refco

Electronic Scales

Fully Portable weighing scales.

Features:

- Modern design, large LCD display
- Sturdy construction for a long lifetime
- Programmable
- Supplied in carrying pouch
- Compact and lightweight (2.5kg)
- High accuracy and resolution
- Large platform for refrigerant cylinders
- Field calibratable



REF-METER-OCTA

Cat. No.	Part No.	Model No.	Description	List Price \$ Exc. GST
349460	4679462	REF-METER-OCTA	100kg Electronic Scales	\$1,016.69

OCTA-WIRELESS

Cat. No.	Part No.	Model No.	Description	List Price \$ Exc. GST
349461	4686663	OCTA-WIRELESS	100kg Wireless Electronic Scales	\$1,214.95

Replacement Control Boxes

Cat. No.	Part No.	Description	Suits	List Price \$ Exc. GST
349451	4686813	Replacement Control Box	REF-METER-OCTA	\$355.64
349452	4686752	Replacement Control Box	OCTA-WIRELESS	\$406.05



Super Ego

Electronic Scales

Cat. No.	Part No.	Description	List Price \$ Exc. GST
349468	R173004	120kg Electronic Scales	\$1,301.30

Flexible Lines

Cat. No.	Part No.	Length: mm	I.D: mm	Connection	List Price \$ Exc. GST
349550	F01099	700	2mm	1/4" FF Straight x 1/4" FF 90° Elbow	\$45.74
349552	F01071	1000			\$49.84
349554	F03179	700	4mm		\$46.72
349556	F03087	1000			\$51.95

Inspection Mirrors



Cat. No.	Part No.	Brand	Description	List Price \$ Exc. GST
350017	M-1	Wagner	Swivel Mirror with double ball joint links. With telescoping feature 160mm long extending to 475mm. Mirror 32mm Diameter	\$58.86
350018	M-2		Same specifications as M1 but telescoping feature 250mm long extending to 355mm. Mirror 57mm Diameter	\$69.89

Safe Test Screwdriver



Cat. No.	Part No.	List Price \$ Exc. GST
350011	Safe Test Screwdriver	\$7.72



Refco

Inner-Outer Tube Reamer

Cat. No.	Part No.	Description	List Price \$ Exc. GST
350008	RFA-209	For copper, aluminium and brass tubing	\$44.93



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Fixed Leak Detection

PHASEFALE

Phasefale

RAM Fixed Leak Detection

Features

- Gas concentration readout from 0-990ppm.
- Data logging function to USB
- Fan control output function
- Display flashes for alarm condition
- All common refrigerants supported
- Alarm bypass for isolating alarm
- 1 to 5 channels of the same refrigerant type.
- Light & security outputs, onboard buzzer
- Bright red LCD display, 3 digits
- Programmable settings
- Optional battery backup supported
- Separate RAMiv/4 board to power sensors, supplied in surface mount enclosure



Cat. No.	Part No.	Description	List Price \$ Exc. GST
351171	RAMIV9	Refrigerant Air Monitor	\$967.77
351172	RAMIV4	4 Way Sensor Board with Enclosure	\$888.89
351173	RAMIV/P308	P308 HCFC Gas Sensor	\$409.31
351174	RAMIV/P328	P328 HFC Gas Sensor	\$409.31

CAREL

Carel

DPWL Gas Detectors

The Carel fixed gas detector which can detect a wide range of different gases and can be used on a standalone basis or integrated into refrigeration control systems or building management systems (BMS).

Specifications

- Power Supply: 12 to 24 V AC/DC
- Output Selectable: 0 to 10V or 4 to 20mA
- High Level Interface: Modbus RS485
- Built In Relay: 1A @ 24 V AC/DC

Cat. No.	Part No.	Description	Gas	Enclosure	Temperature Range: C°	Measuring Range: ppm	List Price \$ Exc. GST
351250	DPWLA07000	Compact Gas Detector with inbuilt semiconductor sensor	R22	IP41	-20 to 50	0 to 1000	\$1,004.59
351251	DPWLB07000		R134a				\$1,004.59
351252	DPWLC07000		R404a				\$1,004.59
351253	DPWLD07000		R407c				\$1,004.59
351254	DPWLE07000		R410a				\$1,004.59
351262	DPWLL417000	Compact Gas Detector with inbuilt infrared sensor	CO2	IP66	-40 to 50	0 to 10000	\$2,678.79
351256	DPWLA27000	Gas Detector with 5m Remote Sensor	R22		-20 to 50	0 to 1000	\$1,582.21
351257	DPWLB27000	Gas Detector with 5m remote semiconductor sensor	R134a				\$1,582.21
351258	DPWLC27000		R404a				\$1,582.21
351259	DPWLD27000		R407a				\$1,582.21
351260	DPWLE27000		R410a				\$1,582.21
351264	DPWLL427000	Gas Detector with 5m remote infrared sensor	CO2	IP41	-40 to 50	0 to 10000	\$3,069.48
	DPWLK07000	Compact Gas Detector with inbuilt dual beam infrared sensor	R134a		-20 to 50	0 to 1000	P.O.A
	DPWLL07000		R404a				P.O.A
	DPWLM07000		R407c				P.O.A
	DPWLN07000		R410a				P.O.A

Danfoss

Danfoss

DGS Gas Detectors

The Danfoss Gas Sensor (DGS) is a state of the art fixed gas detector which can detect a wide range of different gases.

The sensors can be used on a standalone basis or integrated into refrigeration control systems or building management systems (BMS).



Cat. No.	Part No.	Description	Default Gas	Enclosure	Temp. Range: C°	Sensor Type	List Price \$ Exc. GST
351200	080Z2098	DGS Gas Detector	R404A/R507	IP41	-20 to 50	Semiconductor	\$944.83
351201	080Z2092		R134a				\$947.74
351202	080Z2093		R407A				\$976.15
351203	080Z2090		R22				\$976.15
351204	080Z2095		CO2			Infrared	\$2,351.03
351210	080Z2099		R404A	IP66	-40 to 50	Semiconductor	\$1,290.18
351211	080Z2089		R134A				\$1,290.18
351212	080Z2094		R407A				\$1,290.18
351213	080Z2091		R22				\$1,290.18
351214	080Z2096		CO2			Infrared	\$2,721.02
351215	080Z2097	DGS Gas Detector with 3m Probe	CO2				\$2,957.87



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Leak Detection



Inficon

Leak Detectors - Electronic Type

TEK-Mate



Cat. No.	Part No.	Description	List Price \$ Exc. GST
351009	705-202-G1	TEK-Mate Electronic Leak Detector	\$709.17
351011	703-020-G1	Replacement Sensor	\$210.11
351012	705-600-G1	Tip Filters	\$73.58

D-TEK™ Select



Cat. No.	Part No.	Description	List Price \$ Exc. GST
351010	712-202-G6	D-Tek™ Select Electronic Leak Detector	\$1,900.28
351013	712-701-G1	Replacement Infrared Cell	\$408.23



Refco

Ref-Locator

The requirements for leak detectors are constantly increasing and in order to keep up with the newest developments and technologies Refco have developed the Ref-Locator. This high-end unit fulfills all the norms and requirements which are expected from a modern leak detector today. The basis of heated electrolyte sensor technology sets new standards in the area of leak detection. The sensor has a higher than average life cycle of approximately 10 years, which is a large advantage over conventional leak detectors.



Through the adjustment of the 3 sensitivity levels, it is easy to localize large leakages. In addition, the inspection light is ideal when using in a dark location. The Ref-Locator is delivered in a practical and rugged case.

Cat. No.	Part No.	Model No.	Description	List Price \$ Exc. GST
351033	4686714	REF-LOCATOR	Refrigerant Leak Detector	\$1,496.56



Robinair

22791A Leak Detector



Cat. No.	Part No.	Description	List Price \$ Exc. GST
351007	22791A	Infrared Refrigerant Leak Detector	\$2,320.27



Kimo

DFC100 Leak Detector



Cat. No.	Part No.	Description	List Price \$ Exc. GST
351005	DFC-100	Refrigerant Leak Detector	\$2,171.53



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Leak Detection

AMPROBE



Amprobe Ultrasonic Leak Detector

Cat. No.	Part No.	Description	List Price \$ Exc. GST
351002	ULD-300	Ultrasonic Leak Detector	\$1,196.21



Cliplight UV Leak Detection System

Cat. No.	Part No.	Description	List Price \$ Exc. GST
351150	9928 KIT	Kit includes, Vector7 UV LED light. Clipinject dye injector, 2 x 14 shot dye cartridges, Swivel injector hose, 1/4" adaptor, service stickers, UV enhancing safety glasses, dye cleaner and drip guards.	\$746.83
351154	9528 KIT	Clipinject dye injector kit with 2 x 14 shot cartridges.	\$350.32
351158	87 DC	Vector7 UV inspection lamp. Cordless and rechargeable. Full charge provides up to 5 hours of use. Can be used in broad daylight. Supplied with 240V charger and cigarette lighter charger.	\$447.12
351160	955028	2 x replacement 14 shot cartridges to suit Clipinject dye injector.	\$233.01
351162	900008	240ml squeeze measure and pour bottle of UV dye. Required ratio to system lubricant is 40:1.	\$205.85
351164	805CLN	500ml spray bottle of industrial strength, bio-degradable dye cleaner.	\$77.99



Halide Lamp Leak Detector Accessories

Cat. No.	Part No.	Brand	Description	List Price \$ Exc. GST
352021	BG 1001	Blue Gaz	Gas Cartridge – Screw Type	\$16.12
352023	"J" Jet		Replacement Jet	\$8.35
352028	C206	Halogaz	Gas Cartridge	\$11.97

FLUKE



Fluke UV Flashlight

Cat. No.	Part No.	Description	List Price \$ Exc. GST
351040	RLD2	UV Leak Detector Flashlight	\$159.13

Brazing Equipment

**SUPER
EGO**



Super Ego

Superfire 2 Brazing Torch

Cat. No.	Part No.	Description	List Price \$ Exc. GST
352288	35644C	Super Fire 2 Torch	\$489.33

Superfire 3 Brazing Torch

Cat. No.	Part No.	Description	List Price \$ Exc. GST
352293	35430S	Super Fire 3 Torch Set	\$602.53



Superfire 3 Hot Box Kit

Cat. No.	Part No.	Description	List Price \$ Exc. GST
352294	35490SEK	Super Fire 3 Hot Box Kit	\$786.14

Soldering Mats

Cat. No.	Part No.	Description	List Price \$ Exc. GST
352289	67022S	12" x 12" Soldering Mat	\$85.66



Heat Deflector Guards

Cat. No.	Part No.	Suits	List Price \$ Exc. GST
352298	31042S	Superfire 2	\$148.70
	31043S	Superfire 3	P.O.A

Spare Parts

Cat. No.	Part No.	Description	Suits	List Price \$ Exc. GST
352296	35659	Burn Tube	Superfire 2	\$243.19
352295	35661	Turbine Flame Burner		\$139.68



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Brazing Equipment



Tesuco

Turbo 200 Brazing Kits

The Turbo Set 200 is a compact and light weight gas brazing set, making it ideal for use within the air conditioning and refrigeration industries. Weighing in at only 5kg (including cylinders), the unit is extremely versatile and suitable for use in hard to reach areas.

The Turbo Set 200 has been specifically designed for use with 1 each of disposable Mapp & Oxygen gas cylinders. This leads to a number of advantages: firstly, the gas cylinders are bought outright, so there are no ongoing cylinder rental payments. Secondly, the gas cylinders are lightweight and much less cumbersome than even the smallest refillable gas cylinder available, making the Turbo Set 200 convenient to take anywhere.

Features

- Metal carry case
- Flashback arrestors at regulator and handgrip
- 2m of separated hose
- Brazing lance with 160 L/h nozzle
- Protective welding goggles
- Multipurpose spanner
- Pressure regulator for Oxygen with cylinder contents gauge
- Pressure regulator for MAP//Pro with delivery pressure gauge
- Gas adjustment valves at handgrip
- Spare Nozzles 63, 100, 250 and 315 l/h
- Flint lighter



Disposable gas cylinders supplied separately

Cat. No.	Part No.	Description	List Price \$ Exc. GST
352030	OTS 200C	Turbo Set 200 Brazing Kit	\$657.22



Refco

Brazing Torch

Features

- Operates on Mapp gas
- Supplied with Cyclone Tube & Heat guard



Cat. No.	Part No.	Description	List Price \$ Exc. GST
352302	16868	Brazing Torch	\$212.15

Disposable Gas Cylinders

Cat. No.	Part No.	Cylinder Contents	List Price \$ Exc. GST
352285	35663C	453 grams (16 oz) of Mapp Gas	\$43.65
352275	OIBC	1 Litre Oxygen 11000kPa	\$109.55



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Brazing Equipment



Silbraz

Silver Solder

Silbraz is a family of high quality Cadmium Free brazing and other metal joining products designed to meet the exacting needs of the plumbing, HVAC&R, engineering, and other industries using silver and bronze brazing and welding. Our silver brazing solders are manufactured to the highest standards with conformance to the requirements of Australian Standard 1167, as well as Watermark™ certification for all of our low-silver phosphorus alloys. The product range includes phosphorus copper alloys, silver copper phosphorus alloys, high silver Cadmium Free brazing alloys, engineering bronzes, flux coated brazing rods and fluxes.

Handy Packs



Cat. No.	Part No.	Description	Silver Content	Rod Size: mm	Pack Size	List Price \$ Exc. GST
353050	67390	2P Silbraz Silver Solder	2%	2.5 x 750	5	\$39.45
353052	67419	5P Silbraz Silver Solder	5%			\$60.29
353054	67386	15P Silbraz Silver Solder	15%		10	\$251.42
353056	67537	45 Silbraz Silver Solder	45%	1.5 x 750	5	\$150.62

Bulk

Cat. No.	Description	Silver Content	Rod Size: mm	List Price \$ Exc. GST
353014	2P Silbraz Silver Solder	2%	2.5 x 750	\$7.89
353022	5P Silbraz Silver Solder	5%		\$12.05
353010	15P Silbraz Silver Solder	15%		\$25.12
353013	45 Silbraz Silver Solder	45%	1.5 x 750	\$30.10



Flux

Cat. No.	Part No.	Description	Size:	List Price \$ Exc. GST
353020	00567	Easyflo Flux	250 gram	\$31.35



Harris Dynaflow

Dynaflow melts and flows at temperatures very close to 15% silver solders and provides comparable brazed mechanical properties. This makes Dynaflow an excellent cost effective alternative to traditional 15% silver alloys.



Cat. No.	Part No.	Description	Silver Content	Pack Size	List Price \$ Exc. GST
353060	66039	Dynaflow Silver Brazing Alloy	6%	8	\$132.87

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Equipment and Tools



Tesuco

Nitrogen Regulator

A pressure regulator designed for use with nitrogen should be used to reduce the cylinder pressure of nitrogen to a safe and useable working pressure.

The Tesuco 6000kPa high outlet pressure nitrogen regulator has inlet and outlet pressure gauges with rubber protectors, meets AS4267, has a Type 50 inlet connection and 1/4" male flare outlet fitting and is purpose built for the air conditioning and refrigeration industries.



Cat. No.	Part No.	Description	List Price \$ Exc. GST
352060	RI1SNI60	Nitrogen Regulator 6000kPa	\$661.01

Regulator for Disposable Nitrogen Cylinders

The pressure regulator is specially designed to take the full cylinder pressure down to a safe and usable working pressure. The Tesuco nitrogen regulator has an adjustable range of 0-1500kPa and complies to AS4267 except for the inlet connection which is M10 x 1 to suit the cylinder connection. Outlet is 1/4" male flare.

Cat. No.	Part No.	Description	List Price \$ Exc. GST
352050	RCG1MNI15	Nitrogen Regulator 1500kPa	\$129.93

Nitrogen Purge Tools



Cat. No.	Part No.	Description	Sizes	List Price \$ Exc. GST
352064	GEPTT	Nitrogen Purge Tools	1/4 to 3/4 and 3/4 to 1 1/8	\$116.23



Harris

Nitrogen Regulator

A pressure regulator designed for use with nitrogen should be used to reduce the cylinder pressure of nitrogen (17 600kPa @15°C) to a safe and useable working pressure. Harris model 825 nitrogen regulators have an adjustable range from 0 to 4000 kPa and comply with AS4267.95. The regulators feature a side inlet with a Type 50 connection and a 1/4" Male Flare outlet. Optional rubber gauge protectors will help protect gauges from damage.



Cat. No.	Part No.	Description	List Price \$ Exc. GST
352283	825Z080	Nitrogen Regulator	\$881.42
352282	CPR6333	Rubber Gauge Protector Black	\$16.04

Replacement Gauges



Cat. No.	Part No.	Description	List Price \$ Exc. GST
352277	U8E6620K	Deliver Gauge 0 - 6 000 kPa	\$105.65
352278	U8E615K	Content Gauge 0 - 30 000 kPa	\$105.65



Nitro 3000

Nitrogen Purge Controller

The Nitro 3000 is an innovative device designed to remotely turn the supply of nitrogen on and off using a mobile phone.



Cat. No.	Part No.	Description	List Price \$ Exc. GST
352070	N3000	Nitro 3000 Nitrogen Purge Controller	\$2,006.20



BVA

Hand Refractrometer



Cat. No.	Part No.	Description	List Price \$ Exc. GST
349496	BVA ET	Ester Tester Hand Refractrometer	\$656.17



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Refco Ratchet Spanners – Reversible

Cat. No.	Part No.	Description	List Price \$ Exc. GST
354024	RFA-124-C	1/2", 9/16", Hex. 3/16", 1/4" Square Ratchets	\$48.79
354025	RFA-127-C	1/4", 3/8", 3/16", 5/16" Square Ratchets	\$44.62
354023	RFA-127-C - Offset		\$49.96

Reamer

Cat. No.	Part No.	Description	List Price \$ Exc. GST
350007	RFA0209-STYLO	Reamer HSS blade	\$56.08

Capillary Tube Gauge

Cat. No.	Part No.	Description	List Price \$ Exc. GST
354053	10971	Capillary Tube Gauge	\$216.21

Torque Wrench Kit

Cat. No.	Part No.	Description	List Price \$ Exc. GST
354018	TW8	Torque wrench kit c/w 7 different sized interchangeable spanners to fit R410A flare nuts Sizes: 17, 19, 22, 24, 26, 27, 29mm Adjustable torque setting range 10 - 75Nm	\$374.87



Super Ego Gratfix Deburrer

Cat. No.	Part No.	Description	List Price \$ Exc. GST
354030	107050	GRATFIX with HSS general purpose blade	\$102.73
354031	21652	Spare HSS general purpose blade	\$30.38

Copper Tube Expander Kit

Cat. No.	Part No.	Size	Description	List Price \$ Exc. GST
355020	012321	Kit	c/w 4 Heads – 1/2", 5/8", 3/4", 7/8"	\$1,127.70

Copper Tube Expander Heads

Cat. No.	Part No.	Size	List Price \$ Exc. GST
355022	11052N	3/8"	\$261.37
355023	11053S	1/2"	\$261.37
355024	11054S	5/8"	\$261.37
355025	11055S	3/4"	\$261.37
355026	11056S	7/8"	\$261.37

Cat. No.	Part No.	Size	List Price \$ Exc. GST
355027	11057S	1"	\$261.37
355028	11058S	1 1/8"	\$306.49
355029	11059S	1 1/4"	\$311.27
355057	11035S	1 3/8"	\$421.74
355032	10351S	1 5/8"	\$421.74



SOS

Condenser Tube Cleaning Tools

Nylon stiff bristles are used for removing algae and silt. The bush size should be slightly smaller or size for size with the I.D. of the tube to be cleaned.

Cat. No.	Part No.	Description	Size	List Price \$ Exc. GST
355150	NB-58	Nylon Tube Cleaning Brush	5/8"	\$35.89
355151	NB-34		3/4"	\$35.11
355155	FS12.7-7.6	Flexible Shaft	12.7mm x 7.6m	\$1,378.27
355156	FS-RTC-8	Adaptor	8mm	\$22.04



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Tool Bags & Boxes



Veto Pro Pac MB Tool Bags

The MB is a clip-on meter bag designed to hold a small selection of tools and one or two meters. When not in use it can clip onto any model Veto bag's tape clip or D-Rings. It features 10 pockets of various sizes that will accommodate a number of meters and a few of the most commonly used tools to diagnose and repair problems on service calls.



Cat. No.	Part No.	Description	List Price \$ Exc. GST
354607	VETOMB	HVAC Test Meter Tool Bag	\$132.60
354606	VETOMB2	HVAC Test Meter Tool Bag	\$161.42

TP Tool Bag

The TP3 and TP4 are clip-on diagnostics bags designed to hold a meter and a variety of tools. When not in use they can clip onto any model Veto tool bag's tape clip or D-Rings. They feature pockets of various sizes that will accommodate the most commonly used tools to diagnose and repair problems on service calls.



Cat. No.	Part No.	Description	List Price \$ Exc. GST
354608	VETOTP3	HVAC 3 Pocket Tool Bag	\$132.60
354609	VETOTP4	HVAC 3 Pocket Tool Bag	\$161.42

OTLC Tool Bag

The OT-LC is compact with plenty of capacity to hold over 75 hand tools. Load it up with meters, tools, fixtures or whatever else you need. Top-in loading and unloading allows for a less disciplined grab and bolt approach without sacrificing durability or comfort.



Cat. No.	Part No.	Description	List Price \$ Exc. GST
354612	VETOOTLC	Open Top Tool Bag	\$472.72

TECH LC Tool Bag

The TECH-LC is a HVAC service technician bag designed to accommodate HVAC service technicians tools and work routines. The TECH-LC sports 53 pockets with ample pocket room for hand tools, a parts box(es), meter(s), a cordless impact drill and other bulkier items. 8 new small neoprene pockets have been added for drill bits and bit extensions.



Cat. No.	Part No.	Description	List Price \$ Exc. GST
354610	VETOTECHLC	HVAC Tech Large Tool Bag	\$432.38

XLT Laptop Tool Bag

The XLT is a rugged laptop/tool and tech bag designed to organize and store a laptop, business accessories and hand tools in the field. Its rugged construction will protect sensitive computing and testing equipment on the jobsite and will keep other business essentials and hand tools organized and within easy reach. This is the one bag that does it all.



Cat. No.	Part No.	Description	List Price \$ Exc. GST
354611	VETOXLT	Laptop and Tool Bag	\$686.04

Tech Pac Backpack

The Tech Pac is a backpack tool bag designed to help HVAC&R technicians carry hand tools, meters, gauges and other instruments safely up ladders and across long distances. It features 47 vertically tiered pockets inside and out and a patented centre panel design with ample room for hand tools, meters, parts boxes, cordless drills and impact drivers, and other bulkier items such as manifold gauges and hoses.

The backpack toolbag is designed to maintain a safe work environment while servicing equipment that is either located on rooftops or in buildings where walking long distances are required.



Cat. No.	Part No.	Description	List Price \$ Exc. GST
354613	VETOTECHPAC1	Backpack Tool Bag	\$611.09



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Tool Bags & Boxes

STANLEY

Stanley

FatMax Back Pack

The Stanley FatMax backpack is made from heavy-duty fabric for long lasting durability and has an extendable metal handle for easy transportation. It also comes with a removable internal divider with multiple pockets for a variety of tools, a laptop compartment and multiple loop and external pockets for additional storage.



Cat. No.	Part No.	Description	List Price \$ Exc. GST
357461	1-79-215	Tool Back Pack On Wheels	\$101.98

FatMax Open Tote Bag

- Open bag for quick access to contents
- Rubber gripped steel handle
- Ideal for hand tools and other commonly used small items
- Multiple compartments



Cat. No.	Part No.	Description	List Price \$ Exc. GST
357462	1-93-957	Large Open Tote Tool Bag	\$77.50

Professional Deep ABS Organiser

- Lid locks everything in place
- Removable trays



Cat. No.	Part No.	Description	List Price \$ Exc. GST
357463	1-94-203	Deep ABS Professional Organiser	\$47.90



Cliplight

LED Worklight

Features

- 160 Lumens
- 28 high intensity LED'S on the face of The worklight
- 5 high intensity LED'S on the top - for a flash light
- 360 degree swivel hook that folds away when not in use
- Powerful magnetic base
- 3 AAA batteries included



Cat. No.	Part No.	Description	List Price \$ Exc. GST
354650	24-458	33 LED Pivoting Worklight	\$50.94



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Tube Benders



Refco

Spring Type Tube Benders

Cat. No.	Part No.	Tube OD	List Price \$ Exc. GST
355060	BS-4	1/4"	\$12.71
355061	BS-5	5/16"	\$13.95
355062	BS-6	3/8"	\$15.52
355063	BS-8	1/2"	\$17.37
355064	BS-10	5/8"	\$20.11
355065	BS-12	3/4"	\$21.73
355066	BS-44 Set	1/4", 3/8", 1/2", 5/8"	\$62.30



Lever Type Tube Benders

Cat. No.	Part No.	Tube OD	List Price \$ Exc. GST
355116	RFA-364-FHB-04	1/4"	\$175.55
355117	RFA-364-FHB-06	3/8"	\$244.73
355118	RFA-364-FHB-08	1/2"	\$298.89
355119	RFA-364-FHB-10	5/8"	\$422.43
355120	RFA-364-FHB-12	3/4"	\$517.89

3-in-1 Lever Type Tube Benders

Cat. No.	Part No.	Tube OD	List Price \$ Exc. GST
355121	FRA368FH	1/4", 5/16", 3/8"	\$146.78



Cross Bow Type Tube Benders

Cat. No.	Part No.	Tube OD	List Price \$ Exc. GST
355124	Tell- 7	1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"	\$667.15

Hole Cutters



Super Ego

Dry Diamond Core Drill Kit

Cat. No.	Part No.	List Price \$ Exc. GST
354305	89020S	\$1,320.28



Patlee Tools

Core Cutter Sets

Cat. No.	Part No.	Description	List Price \$ Exc. GST
354300	PWCCSET-AN	Tungsten Carbide Tipped	\$516.77
354301	PWCCSET-AG	Tungsten Carbide Grit	\$573.85
354302	PWCCSET-AD	Diamond	\$1,045.49



Tube Cutters



Refco RS Series



Cat. No.	Part No.	Description	List Price \$ Exc. GST
356005	RS-16	1/8" to 5/8" Tube Cutter	\$38.04
356006	RS-25	1/8" to 1" Tube Cutter	\$45.58
356007	RS-35	1/8" to 1 3/8" Tube Cutter	\$86.58
356008	RS-42	1/8" to 1 5/8" Tube Cutter	\$114.10
356009	RS-67	1/4" to 2 5/8" Tube Cutter	\$327.60

Ratchet Series



Cat. No.	Part No.	Description	List Price \$ Exc. GST
356021	RTC-13	For 1/8" to 1 1/8" (3 to 13mm) Tubing	\$119.52
356020	RTC-29	For 5/16" to 1 1/8" (8 to 29mm) Tubing	\$183.67



Super Ego



Cat. No.	Part No.	Description	List Price \$ Exc. GST
356080	7162000	Mini tube cutter 1/4"-5/8"	\$80.43
356081	7222000	Mini tube cutter 1/4"-7/8"	\$96.75
356082	7221000	Minicut 2000 tube cutter 1/4"-7/8"	\$110.01
356083	7280000	Minimax tube cutter 1/4"-1 1/8"	\$157.16
356084	7350000	No.35 tube cutter 1/4"-1 3/8"	\$258.33
356085	7500000	Automatic pipe cutter 1/4"-2 5/8"	\$477.74

Hand Tools



Stanley

Pliers



Cat. No.	Part No.	Description	Price \$ Exc. GST
357300	84-011-S	3 Piece Plier Set 1000V VDE	\$104.69
357301	84-002-S	210mm Combination Pliers 1000V VDE	\$43.86
357302	84-007-S	210mm Long Nose Pliers 1000V VDE	\$43.86
357303	84-004-S	210mm Diagonal Cutting Pliers 1000V VDE	\$43.86
357304	84-294	255mm Multigrip Pliers 1000V VDE	\$43.86
357306	84-369	Locking Jaw Pliers	\$25.96

Snips



Cat. No.	Part No.	Description	Price \$ Exc. GST
357310	14-567	Left Hand Aviation Snips	\$23.46
357311	14-566	Straight Aviation Snips	\$23.46
357312	14-564	Right Hand Aviation Snips	\$23.46

Saws & Knives



Cat. No.	Part No.	Description	Price \$ Exc. GST
357320	20-531	Hacksaw Hi Tension	\$51.01
357321	17-206	Fatmax PVC Saw 300mm x 11 TPI	\$38.48
357323	15-836-S	Hacksaw Blade Hi Speed 305mm x 24 TPI	\$3.59
357324	FMHT20559	Fatmax Folding Jabsaw	\$24.17
357329	10-099	Fatmax Retractable Utility Knife	\$9.65
357332	11-700T	Fatmax Utility Blades 10 Pack	\$6.68

Tapes & Measuring



Cat. No.	Part No.	Description	Price \$ Exc. GST
357340	30-393	Tape Tylon 8m	\$13.05
357341	33-731	Tape 8m/26ft Blade Armour	\$29.24
357343	34-138	Fatmax Tape 30m	\$46.54
357344	35-464	Contractor Grade Folding Rule 1m	\$35.80

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Hand Tools

STANLEY

Stanley

Levels



Cat. No.	Part No.	Description	Price \$ Exc. GST
357361	43-625	600mm Fatmax Magnetic Box Beam Level	\$86.79
357362	43-636	900mm Fatmax Level	\$84.10
357364	43-603	3 Vial Fatmax Magnetic Torpedo Level	\$35.81
357365	77-500	Stud Sensor & Laser Line Level	\$82.23

Hammers & Chisels



Cat. No.	Part No.	Description	Price \$ Exc. GST
357371	XTHT51147	Framing Hammer 425g/15oz	\$59.75
357372	51-164	Claw Hammer Antivibe 567g/20oz	\$54.17
357373	57-528	Rubber Mallet 680g/24oz	\$10.85
357374	55-099	Fatmax Fubar Functional Utility Bar	\$55.84
357377	16-328	Fatmax Brick Chisel With Handle Guard	\$27.73
357378	2-16-269	Fatmax Thru-Tang Chisel Set 5 Piece	\$142.52

Screwdrivers



Cat. No.	Part No.	Description	Price \$ Exc. GST
357380	65-980	7 Piece Screwdriver Set 1000V VDE	\$54.17
357381	65-750A	20 Piece Screwdriver Set Acetate Handle	\$38.32
357385	65-973	1 x 80mm Phillips Screwdriver 1000V VDE	\$13.43
357386	65-974	2 x 100mm Phillips Screwdriver 1000V VDE	\$16.10
357387	65-975	3 x 150mm Phillips Screwdriver 1000V VDE	\$20.59
357388	65-966	3 x 100mm Slot Screwdriver 1000V VDE	\$8.05
357389	65-968	5.5 x 125mm Slot Screwdriver 1000V VDE	\$10.74
357390	65-969	6.5 x 150mm Slot Screwdriver 1000V VDE	\$14.32
357391	65-970	8 x 175mm Slot Screwdriver 1000V VDE	\$19.69
357392	65-971	10 x 200mm Slot Screwdriver 1000V VDE	\$22.37

Spanners & Wrenches



Cat. No.	Part No.	Description	Price \$ Exc. GST
357424	89-542	16 Piece Spanner Set Ring & Open End AF & Metric	\$82.83
357425	70-470	6 Piece Ratchet Flex Spanner Set AF & Metric	\$82.83
357436	87-432	200mm Adjustable Wrench	\$18.56
357437	87-433	250mm Adjustable Wrench	\$23.63
357438	87-434	300mm Adjustable Wrench	\$28.68
357441	87-624	350mm Pipe Wrench	\$32.18
357442	87-625	450mm Pipe Wrench	\$40.48

Socket Sets & Tool Kits



Cat. No.	Part No.	Description	Price \$ Exc. GST
357451	71-610	94 Piece Tool Kit AF & Metric	\$188.88
357453	89-518	37 Piece 1/4" & 3/8" Drive Socket Set AF & Metric	\$62.44

General Tools



Cat. No.	Part No.	Description	Price \$ Exc. GST
357307	990401-S	Terminal Crimp & Wire Stripping Pliers	\$13.79
357309	MR100CG	Heavy Duty Contractor Grade Riveter	\$49.22
357314	69-900	9 Piece Metric Hex Key Set	\$13.08
357351	47-314	Permanent Marker Chisel Tip Twin Pack	\$8.17



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Restraints & Tie Downs

STANLEY



Stanley

Cat. No.	Part No.	Description	Price \$ Exc. GST
357036	5881-987	4 Piece Ratchet Tie Down Set	\$34.66



Wilsecure

Restraint Systems

Wilsecure kits are a fully adjustable anodised aluminium track and bracket system that provides safe and secure restraint of cylinders, drums, ladders and more in workshops and vehicles.

Cylinder Restraints



Cat. No.	Part No.	Description	Kit Contents	Ideal for	List Price \$ Exc. GST
357040	J113	Single Cylinder Restraint Kit	200mm Track 2 x Curved Brackets 1 x 900mm Strap	Refrigerant cylinders Industrial gases such as Nitrogen, Oxygen & Acetylene	\$108.48
357044	J130	Twin Cylinder Restraint Kit	400mm Track 4 x Curved Brackets 2 x 600mm Straps	Industrial gases such as Nitrogen, Oxygen & Acetylene	\$181.79

Ladder Restraints



Cat. No.	Part No.	Description	Kit Contents	Ideal for	List Price \$ Exc. GST
357047	H125	Ladder Restraint Kit	400mm Track 2 x Square Brackets 1 x 900mm Strap	Ladders on utes racks etc	\$144.32

Rope Ratchet

Rope Ratchets are an excellent way to secure light and medium-weight objects. A wide variety of loads such as ladders, units and tool boxes can be tied-down quickly and easily.

With the Rope Ratchet you simply attach the two hooks and pull the loose end of the rope to get the secure tightness you need; hook ends, pull tight – it's that simple.



Cat. No.	Part No.	Description	Rope Diameter: mm	Rope Length: m	Max Load: kg	List Price \$ Exc. GST
357032	A1001	Ratchet Tie Down	3	1.8	34	\$35.24
357033	B1010		6	2.0	68	\$60.57
357034	C1020		8 to 10	2.0	113	\$98.49

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Restraints & Tie Downs



Wagner

Rubber Tie Down Strap

Cat. No.	Part No.	Length: mm	Recom. Max. Stretch : mm	List Price \$ Exc. GST
357061	RS-15	380	475	\$13.30
357062	RS-20	510	765	\$15.84
357063	RS-31	785	980	\$20.87



Lash-N-Strap

Cat. No.	Part No.	Length: mm	List Price \$ Exc. GST
357030	HS30	785	\$23.41
357031	HS60	1520	\$31.16



Wendar

Folding Hand Trolley

Features

- Convenient - folds for easy storage
- Lightweight - just 4.1kg
- Compact - 69 x 42 x 5cm folded
- Sturdy - steel construction with 70kg load capacity

Cat. No.	Part No.	Description	List Price \$ Exc. GST
354721	HT2022FK	Steel Folding Hand Trolley	\$83.16



Aztec

Bungee Cords

Features

- 8 piece assorted pack
- 4 lengths included:
 - 2 x 300mm
 - 2 x 450mm
 - 2 x 600mm
 - 2 x 750mm
- 17mm wide x 4mm thick



Cat. No.	Part No.	Description	Pack Size	List Price \$ Exc. GST
357020	AB170408	Flat Bungee Cords	8 Piece Assortment	\$31.15



Cargo Nets

Cat. No.	Part No.	Description	Size: m	List Price \$ Exc. GST
357022	AZCN1218	Cargo Net	1.2 x 1.8	\$43.26

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Equipment and Tools



Patlee Tools

High Speed Steel Drill Bits

Fully ground Ti-Nite drill bits are made from M2 High Speed Steel and they are suitable for drilling metal, plastic and wood.



13 Piece Set in a Metal Case

Cat. No.	Part No.	Description	List Price \$ Exc. GST
357100	PWHSSDS13MT	1 each of: 1mm to 6.5mm Drill Bits	\$94.56

Individual Bits in a PVC Pouch



Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357105	PWHSS1T	1	\$1.92
357106	PWHSS15T	1.5	\$2.09
357107	PWHSS2T	2	\$2.29
357108	PWHSS25T	2.5	\$2.79
357109	PWHSS3T	3	\$4.37
357110	PWHSS35T	3.5	\$4.98
357111	PWHSS4T	4	\$5.74
357112	PWHSS45T	4.5	\$6.86
357113	PWHSS5T	5	\$7.81
357114	PWHSS55T	5.5	\$10.20
357115	PWHSS6T	6	\$11.32
357116	PWHSS65T	6.5	\$12.49
357117	PWHSS7T	7	\$14.50

Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357118	PWHSS75T	7.5	\$16.75
357119	PWHSS8T	8	\$18.47
357120	PWHSS85T	8.5	\$23.04
357121	PWHSS9T	9	\$26.96
357122	PWHSS95T	9.5	\$29.44
357123	PWHSS10T	10	\$34.21
357124	PWHSS105T	10.5	\$37.11
357125	PWHSS11T	11	\$42.79
357126	PWHSS115T	11.5	\$47.05
357127	PWHSS12T	12	\$53.90
357128	PWHSS125T	12.5	\$57.96
357129	PWHSS13T	13	\$62.22

SDS Drill Bits

SDS-PLUS hammer drill bits are suitable for use with electric hammer drills for drilling harder building materials such as granite, marble, brick, etc.



10 Piece Set

Cat. No.	Part No.	Description	List Price \$ Exc. GST
357200	PWSDSSET	1 each of: 5 x 110, 5 x 160, 5.5 x 110, 5.5 x 160, 6 x 110, 6 x 160, 6.5 x 110, 6.5 x 160, 8 x 110 & 10 x 160mm SDS Drill Bits	\$162.82

Individual Bits in a PVC Pouch



Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357205	PW5110	5 x 110	\$17.58
357206	PW55110	5.5 x 110	\$17.92
357207	PW6110	6 x 110	\$17.92
357208	PW65110	6.5 x 110	\$17.92
357209	PW5160	5 x 160	\$19.34
357210	PW55160	5.5 x 160	\$20.39
357211	PW6160	6 x 160	\$20.39
357212	PW65160	6.5 x 160	\$21.11
357213	PW8160	8 x 160	\$22.33
357214	PW10160	10 x 160	\$24.46
357215	PW13160	13 x 160	\$31.57



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Equipment and Tools



Patlee Tools

Masonry Drill Bits

High strength masonry drill bits are made from carbon steel and are chrome plated. Suitable for drilling masonry building materials.



8 Piece Set in a PVC Pouch

Cat. No.	Part No.	Description	List Price \$ Exc. GST
357140	PWMDS8SET	1 each of: 4, 5, 5.5, 6, 6.5, 8, 10 & 12mm Drill Bits	\$45.73

Individual Bits in a PVC Pouch

Standard



Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357145	PWMDS3	3 x 60	\$2.04
357146	PWMDS4	4 x 75	\$2.04
357147	PWMDS5	5 x 85	\$2.85
357148	PWMDS55	5.5 x 85	\$3.15
357149	PWMDS6	6 x 100	\$3.66

Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357150	PWMDS65	6.5 x 100	\$4.63
357151	PWMDS7	7 x 100	\$4.63
357152	PWMDS8	8 x 120	\$6.19
357153	PWMDS9	9 x 120	\$7.04
357154	PWMDS10	10 x 120	\$8.06

Single Brick

Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357160	PWMDSB5	5 x 150	\$4.63
357161	PWMDSB55	5.5 x 150	\$4.98
357162	PWMDSB6	6 x 150	\$5.27
357163	PWMDSB65	6.5 x 150	\$6.03
357164	PWMDSB7	7 x 150	\$6.45
357165	PWMDSB8	8 x 150	\$7.94
357166	PWMDSB10	10 x 150	\$9.59

Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357167	PWMDSB11	11 x 150	\$11.36
357168	PWMDSB12	12 x 150	\$12.84
357169	PWMDSB13	13 x 150	\$14.81
357170	PWMDSB16	16 x 150	\$20.35
357171	PWMDSB20	20 x 160	\$31.31
357172	PWMDSB22	22 x 160	\$39.12
357173	PWMDSB25	25 x 160	\$52.88

Double Brick

Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357180	PWMDDDB65	6.5 x 400	\$9.95
357181	PWMDDDB8	8 x 400	\$12.69
357182	PWMDDDB10	10 x 400	\$17.25
357183	PWMDDDB13	13 x 400	\$20.90

Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357184	PWMDDDB16	16 x 400	\$31.57
357185	PWMDDDB20	20 x 400	\$49.59
357186	PWMDDDB22	22 x 400	\$59.23
357187	PWMDDDB25	25 x 400	\$86.94

G5 Twin

MEGA FLOW
VACUUM CERTIFIED SPEED KIT

TEZ B
TWO-STAGE VACUUM PUMP

APPION

APPLIED INNOVATION

www.appiontools.com

MADE IN USA

Equipment and Tools



Patlee Tools

Spade Bits

Spade Bits are made from manganese steel and can be used for drilling holes in wood from 6mm to 40mm.



6 Piece Set in a PVC Pouch

Cat. No.	Part No.	Description	List Price \$ Exc. GST
357220	PWSBSET	1 each of: 10, 13, 16, 19, 22 & 25mm Spade Bits	\$73.68

Individual Bits in a PVC Pouch

Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST	Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357225	PWSB6	6 x 155	\$8.53	357233	PWSB22	22 x 160	\$14.41
357226	PWSB8	8 x 155	\$8.53	357234	PWSB25	25 x 160	\$18.38
357227	PWSB10	10 x 155	\$8.53	357235	PWSB28	28 x 160	\$19.03
357228	PWSB13	13 x 155	\$10.35	357236	PWSB30	30 x 160	\$19.80
357229	PWSB14	14 x 155	\$10.56	357237	PWSB32	32 x 170	\$20.46
357230	PWSB16	16 x 160	\$10.56	357238	PWSB35	35 x 170	\$21.16
357231	PWSB19	19 x 160	\$12.28	357239	PWSB38	38 x 170	\$22.17
357232	PWSB20	20 x 160	\$13.60	357240	PWSB40	40 x 170	\$24.36



Spade Bit Extensions

Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357246	PWSBEXT150	150	\$21.52
357247	PWSBEXT300	300	\$29.09

Bi Metal Hole Saws

Bi-Metal Hole saws are made from high speed steel, which is suitable for cutting through metal, plastic and wood.

9 Piece Set in a plastic case

Cat. No.	Part No.	Description	List Price \$ Exc. GST
357260	PWHSSET09	1 each of: 16, 22, 25, 29 & 32mm Hole Saws Includes Arbor & Pilot Drills	\$225.75



Individual Hole Saws

Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST	Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357265	PWHS16	16	\$18.64	357275	PWHS44	44	\$41.61
357266	PWHS19	19	\$19.94	357276	PWHS51	51	\$52.84
357267	PWHS20	20	\$22.89	357277	PWHS65	65	\$65.57
357268	PWHS22	22	\$25.73	357278	PWHS73	73	\$76.98
357269	PWHS25	25	\$29.29	357279	PWHS83	83	\$85.98
357270	PWHS29	29	\$31.01	357280	PWHS92	92	\$96.69
357271	PWHS32	32	\$37.76	357281	PWHS102	102	\$96.34
357272	PWHS35	35	\$39.59	357282	PWHS111	111	\$106.93
357273	PWHS40	40	\$43.31	357283	PWHS152	152	\$149.93
357274	PWHS41	41	\$39.95				



Arbors

Cat. No.	Part No.	Size: mm	List Price \$ Exc. GST
357286	PWHSA1	14 to 32	\$29.94
357287	PWHSA2	32 to 152	\$74.04

Pilot Drills

Cat. No.	Part No.	Size	List Price \$ Exc. GST
357288	PWHSPLDS	Short	\$15.17
357289	PWHSPLDL	Long	\$19.84



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Vacuum Pumps



Appion Vacuum Pumps

Cat. No.	Model No.	Capacity Litre/min	End Vacuum Microns	Weight: Kg	Description	List Price \$ Exc. GST
362135	TEZ8	227	20	12.7	Two Stage Vacuum Pump	\$3,941.91



Robinair Vacuum Pumps

Cat. No.	Part No.	Capacity Litre/min	End Vacuum Microns	Motor HP	Weight: Kg	Intake Ports	Oil Capacity	List Price \$ Exc. GST
362040	15151S2	35	25	1/4	8.2	1/4" & 3/8"	210ml	\$701.27
362041	15501S2	118		1/2	10.5		300ml	\$1,023.67
362043	15801S2	212		1	16.3		590ml	\$1,616.64



Super Ego Vacuum Pumps

Cat. No.	Part No.	Capacity Litre/min	End Vacuum Microns	Motor HP	Weight: Kg	Intake Ports	Oil Capacity	List Price \$ Exc. GST
362092	1500050001	42	25	1/4	9	1/4"	250ml	\$1,074.69
362093	1500050002	85		1/3	10.7		330ml	\$1,380.22
362094	1500050003	170		1/2	11.5		330ml	\$1,622.57
362095	1500050004	255		1	17		590ml	\$2,054.52



JB Industries Vacuum Pumps

Cat. No.	Model No.	Capacity Litre/min	Vacuum Rating: Microns	Motor: HP	Weight: kg	Oil Capacity	List Price \$ Exc. GST
362110	DV42N250AU	36	15	1/2	13.2	798ml	\$1,203.72
362111	DV85N250AU	70			13.6	798ml	\$1,337.46
362091	DV142N250AU	120			14.5	680ml	\$1,437.78
362112	DV200N250AU	170			14.5	680ml	\$1,538.08
362113	DV285N250AU	242			15.4	709ml	\$2,139.95

Oil Pump Caddy

Cat. No.	Part No.	Description	List Price \$ Exc. GST
362117	DVT1	The Tank Vacuum Pump Oil Caddy	\$86.93

Vacuum Pump Spare Parts

Cat. No.	Part No.	Brand	Description	Suits	List Price \$ Exc. GST
362036	VS4016	Javac	Exhaust Demister Oil Filter Kit	Javac Shark	\$91.37
362037	VC2005		Drain Plug		\$14.04
362039	VC2036		Power Socket Panel Mount		\$34.18
362038	PS-4106		Power Cord	Javac	\$49.95
362074	S20-502	Robinair	Round Oil Sight Glass	Javac SE Series	\$177.40
362090	S20-501		Vertical Sight Glass	Javac JD/DD/DS Series	\$92.16
362044	523195		Oil Fill Plug Plastic	Robinair 15151, 15301, 15501, 15801	\$30.35
362047	541482		Oil Fill Plug Brass		\$30.84
362046	523192		Handle	Robinair 15151, 15301, 15501	\$59.06
362048	535491			Robinair 15801	\$48.43



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RAPTOR



Raptor



MicroRaptor



RaptorEX



Tools and Equipment



Hydrocarbon Recovery



Hydrocarbon Vacuum
Pumps



Vacuum Pumps



Leak Detectors



Scales

www.robinair.com

ROBINAIR®

Vacuum Gauges



Refco

Ref-Vac Vacuum Gauge

The Ref-Vac is a measuring instrument for the continuous reading of measured values during the evacuation process out in the field as well as in the laboratory. The unit also has a practical hook for hanging.

Cat. No.	Part No.	Model No.	Description	Effective Range	List Price \$ Exc. GST
361011	4686712	REF-VAC	Electronic Vacuum Gauge	0 to 18000 Microns	\$757.29

Electronic Vacuum Gauge

The DV-150 battery operated electronic vacuum gauge measures from atmospheric pressure to a vacuum of 50 microns.

Cat. No.	Part No.	Range	Battery Included	List Price \$ Exc. GST
361010	DV-150	atm. to 50 microns	9 Volt	\$783.88

Dial Vacuum Gauge

A recalibratable gauge with a scale of 1000-0 mbar and 1/8" NPT connection.

Cat. No.	Part No.	Model No.	Description	List Price \$ Exc. GST
330070	9882473	19800 SV	80mm Recalibratable Vacuum Gauge	\$255.02

JB Industries

Digital Vacuum Gauge

Cat. No.	Part No.	Conn. Size	Description	Effective Range	List Price \$ Exc. GST
361022	DV-24N	1/4"MF	Digital Vacuum Gauge with Case	25 to 12000 microns	\$1,066.52
361023	DV-41AU			10 to 12000 microns	\$1,322.47

Vacuum Connection Kits



Appion

MegaFlow Connection Kits

The Appion MegaFlow line of products offers the tools and equipment necessary to satisfy your need for speed. These vacuum-certified refrigerant hoses, manifolds, and other HVAC/R hand tools are designed to help technicians do a better job faster. By removing restrictive valve cores and using large diameter vacuum rated hoses evacuation times can be up to 10 times faster compared to 1/4" connections.

Cat. No.	Part No.	Description	Kit Contents	List Price \$ Exc. GST
349481	MGABAS	MegaFlow Basics Evacuation Kit	1 x 1/2" MegaFlow Hose	\$570.44
			1 x 1/4" valve removal tool	
349482	MGAKIT	MegaFlow Speed Kit	Gauge Manifold	\$2,239.88
			2 x 1/2" MegaFlow Hoses	
			2 x 3/8" MegaFlow Hoses	
			2 x Vacuum Rated Valve Core Removal Tools	
			1 x 1/2" Connection Hose	
			1 x 3/8" Connection Hose	
349483	MGAKIT-V	MegaFlow Vacuum Speed Kit	9 Port Tree Vacuum Manifold	\$1,899.46
			2 x 1/2" MegaFlow Hoses	
			2 x 3/8" MegaFlow Hoses	
			2 x Vacuum Rated Valve Core Removal Tools	
			1 x 1/2" Connection Hose	
			1 x 3/8" Connection Hose	
349484	MGAKIT-R	MegaFlow Recovery Speed Kit	1 x Carrying Case	\$2,580.27
			Gauge Manifold	
			4 x 3/8" MegaFlow Hoses (RBY)	
			2 x 1/4" Valve Core Removal Tools	
			2 x 5/16" Valve Core Removal Tools	
			1 x Carrying Case	

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Refrigerant Recovery Units



Appion

Appion recovery units are designed to be lighter, faster and more reliable. The industry leading G5 Twin is the fastest recovery unit in its class, and the G1 Single is the lightest and easiest to use.



Cat. No.	Part No.	Description	List Price \$ Exc. GST
362131	G5TWIN	Twin Cylinder Refrigerant Recovery Unit	\$3,722.05
362132	G1SINGLE	Single Cylinder Refrigerant Recovery Unit	\$2,280.71



Inficon

Cat. No.	Part No.	Description	List Price \$ Exc. GST
362080	714-202-G31	Vortex AC Refrigerant Recovery Unit	\$3,353.46



Super Ego

Cat. No.	Part No.	Description	List Price \$ Exc. GST
362097	1500050051	Superec Plus Refrigerant Recovery Unit	\$4,808.86



Robinair

Cat. No.	Part No.	Description	List Price \$ Exc. GST
362077	RG3000-A	Refrigerant Recovery Unit	\$2,124.94
362078	RG5410EX		\$3,746.04
362079	RG600A		\$3,483.19

Recovery Unit Spare Parts

Cat. No.	Part No.	Brand	Description	Suits	List Price \$ Exc. GST
362089	QS22014	Javac	Manifold Knob Set	Javac XTRACT-R, XTR	\$18.45

Time-Saving Service Tools



D-TEK® Select REFRIGERANT LEAK DETECTOR

- 3 g/year sensitivity
- Rechargeable NiMH batteries for 6.5 hours of run-time
- Infrared sensor provides 1000 hour lifetime with no loss of sensitivity over time
- Two-year replacement warranty

712-202-G31



Vortex® Dual REFRIGERANT RECOVERY MACHINE

- 1 HP dual piston compressor provides industry leading recovery rates of all common refrigerants.
- Micro-channel condenser provides exceptional heat exchange keeping head pressures low.
- Industry leading three-year replacement warranty.

714-202-G1



TEK-Mate® REFRIGERANT LEAK DETECTOR

- 7 g/year sensitivity
- Runs on two "D" batteries for 16 hours of run-time
- INFICON patented heated diode sensor technology
- Two-year replacement warranty

705-202-G1

Safety

Eyewear



Cat. No.	Part No.	Description	List Price \$ Exc. GST
371002	02/ARW02	Clear Safety Sunglasses	\$13.33
371003	02/ARW02SMO	Smoke Safety Sunglasses	\$13.33
371004	02/ARW02SIL	Silver Safety Sunglasses	\$13.33

Wide Vision Goggles

Cat. No.	Part No.	Description	List Price \$ Exc. GST
371010	02/UN45	Wide Vision Goggle	\$19.66

Head Protection

Cat. No.	Part No.	Description	List Price \$ Exc. GST
371020	01/UN22	Safety Helmet ABS	\$37.43

Hearing Protection

Cat. No.	Part No.	Description	List Price \$ Exc. GST
371030	04/EP011	Ear plugs with cords - single pair	\$1.28



Ear Muffs

Cat. No.	Part No.	Description	List Price \$ Exc. GST
371040	04/X02	Ear Muff Yellow 23dB Class 4	\$39.70



Respiratory Protection

Cat. No.	Part No.	Description	List Price \$ Exc. GST
371050	05/BD842	Disposable Respirator Masks Box 20	\$49.63



Hi-Visibility

Cat. No.	Part No.	Description	List Price \$ Exc. GST
371060	06/B1261	Day Safety Vest	\$12.56
371062	06/B1691	Day Night Safety Vest	\$37.87



Gloves

Cat. No.	Part No.	Description	List Price \$ Exc. GST
371070	09/AR029	Amourwear Foam Nitrile Palm Gloves Size 9	\$11.09
371080	09/H115	Candy Stripe Leather Palm Gloves	\$5.25

Accessories

Sunscreen



Cat. No.	Part No.	Description	List Price \$ Exc. GST
371090	10/JA21	Sunscreen SPF 30+ 125ml	\$30.58

First Aid Kits



Cat. No.	Part No.	Description	List Price \$ Exc. GST
371095	18/B05	Small Travel First Aid Kit	\$66.88



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