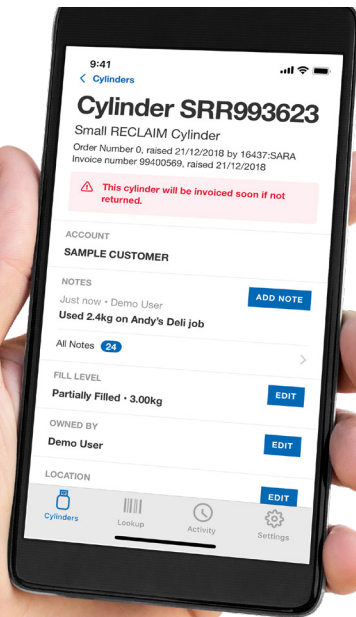




# smart@ccess



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**BETTER  
WAY**  
to **MANAGE** your  
**CYLINDER FLEET**



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**KIRBY**  
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# Tools

# Manifold and Gauge Sets

**cps**<sup>®</sup>



## MANIFOLD SETS (NO HOSES)

### CPS

Part Number	Refrigerant	Gauge Size (mm)	Manifold Type	Hoses (mm)	Description
MBT	R134a, R22, R404A	68	2 Valve	No	Manifold Blackmax
MCB	R410A/R32	68	2 Valve	No	Manifold Blackmax

**Imperial**



### IMPERIAL

Part Number	Refrigerant	Gauge Size (mm)	Manifold Type	Hoses (mm)	Description
481-CKPC	R134a, R22, R404A	63	2 Valve	No	Manifold Imperial

## MANIFOLD SETS (WITH HOSES)

**cps**<sup>®</sup>



### CPS

Part Number	Refrigerant	Gauge Size (mm)	Manifold Type	Hoses (mm)	Description
MBTP3	R134a, R22, R404A	68	2 Valve	3 x 900	Manifold Blackmax
MT2TP75	R134a, R22, R404A	80	2 Valve	3 x 1500	Manifold Workingmans
MV2TP3	R134a, R22, R404A	68	2 Valve	3 x 900	Manifold Vortex
MV4TP5	R134a, R22, R404A	68	4 Valve	3 x 1500	Manifold Vortex
MCBJ3	R410A, R32	68	2 Valve	3 x 1500	Manifold Blackmax
MT11B7J5	R410A	80	2 Valve	3 x 1500	Manifold Workingmans
MATA6Q	R134a	68	2 Valve	3 x 1800	Manifold Blackmax Auto Air includes Ball Valves
MT2C02P5E	R744	80	2 Valve	3 x 1500	Manifold Workingmans
CPS4312	R744 (CO <sub>2</sub> ) Transcritical	80	2 Valve	3 x 900	Transcritical Manifold
MA1234	R134a, R12	80	2 Valve	3 x 1800	Manifold Set Auto
MB134	R134a	68	2 Valve	3 x 1800	Manifold Set
MV12BJ5	R410A	68	4 Valve	3 x 1525	Manifold Vortex

**Imperial**



### IMPERIAL

Part Number	Refrigerant	Gauge Size (mm)	Manifold Type	Hoses (mm)	Description
482-CKPC	R134a, R22, R404A	63	2 Valve	3 x 1500	Manifold Imperial
582-CKPC	R22, R410A, R407C	63	2 Valve	3 x 900	Manifold Imperial
514-CC	R22, R32	63	2 Valve	3 x 900	Manifold Imperial
841-CKPSC	R410A	63	4 Valve	3 x 1500	Manifold Imperial c/w 3/8 Vacuum Hose
681-CKPSC	R22, R134a, R410A	63	4 Valve	3 x 1500	Manifold Imperial 4 Way C/W Hose

**HENRY**  
TECHNOLOGIES



### HENRY

Part Number	Refrigerant	MWP	Manifold Type	Hoses (mm)	Description
HCH-744-SC	R744 (CO <sub>2</sub> ) Sub Critical	42 bar	2 Valve	1 x 5000	Liquid Charging Manifold Kit (No Regulator Required)
HCH-744-60	R744 (CO <sub>2</sub> ) Sub Critical	60 bar	2 Valve	1 x 5000	Liquid Charging Manifold Kit (No Regulator Required)

# Digital Manifold and Digital Manifold Sets

CPS					
Part Number	Refrigerant	Gauge Size (mm)	Manifold Type	Hoses (mm)	Description
MD100WVHE	All Refrigerants & R744 (CO2) Sub Critical	LCD	4 Valve	3 x 1500	Wireless manifold c/w vac gauge and 3/8 Vacuum Hose
MD100HVE	All Refrigerants & R744 (CO2) Sub Critical	LCD	4 Valve	3 x 1500	Digital manifold c/w vac gauge and 3/8 Vacuum Hose



FIELDPIECE					
Part Number	Refrigerant	Gauge Size (mm)	Manifold Type	Hoses (mm)	Description
SM380VINT	All (excl CO2)	LCD	3 Way	No	Digital 2 Valve Manifold in Padded Case
SM480VINT	All (excl CO2)	LCD	4 Way	No	Digital 4 Valve Manifold in Padded Case



TESTO					
Part Number	Refrigerant	Gauge Size (mm)	Manifold Type	Hoses (mm)	Description
0564-5501	All common refrigerants	LCD	2 Way	No	550s Kit – Digital manifold w/cable temp. probes+case
0564-5502	All common refrigerants	LCD	2 Way	No	550s Kit – Digital manifold w/wireless temp. probes+case
0564-5503	All common refrigerants	LCD	2 Way	Yes	550s Kit – Digital manifold w/wireless temp. probes+case+hoses
0564-5571	All common refrigerants	LCD	4 way	No	557s Kit – Digital manifold w/wireless vacuum & temp probes+case
0564-5572	All common refrigerants	LCD	4 way	Yes	557s Kit – Digital manifold w/wireless vacuum & temp probes+case+hoses
0564-3550	All common refrigerants	LCD	2 way	No	550i – Digital manifold block w/wireless temperature probes



# Digital Probes - Temperature and Pressure

FIELDPIECE	
Part Number	Type
JL3KH6	Joblink System Bluetooth App System Charge And Air Kit Probes
JL3KR4	Joblink System Bluetooth App System Charge Pressure Probes Kit
JL3PR	Joblink Bluetooth Mobile App Pressure Probe (Single)

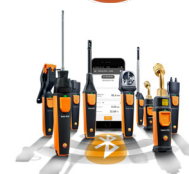


SAUERMANN		
Part Number	Refrigerant	Type
SIRM3	* All	Smart Wireless Manifold Probe High and Low Side
SIRV3	* All	Smart Wireless Vacuum Probe with Dual Valves

\*Excluding natural refrigerants



TESTO	
Part Number	Description
0560-2549-02	Smart Probes – 549i high pressure gauge via smartphone
0563-0002-10	Smart Probes – AC & Refrigeration test kit + case
0563-0002-41	Smart Probes – AC & Refrigeration test kit Plus + case
0563-0002-31	Smart Probes – HVAC&R Ultimate kit + case
0563-0004-10	Smart Probes – Heating kit + case



**GAUGES (CONT'D)**

**cps**<sup>®</sup>



**CPS**

Part Number	Refrigerant	Type	Size (mm)	Description
RGTH	R134a, R22, R404A	Pressure	68	High Side - Flutter Free
RGTL	R134a, R22, R404A	Compound	68	Low Side - Flutter Free
RGBH	R410A, R32	Pressure	68	High Side - Flutter Free
RGBL	R410A, R32	Compound	68	Low Side - Flutter Free
RGT7H	R134a, R22, R404A	Pressure	80	High Side, Class 1 suite Workingmans
RGT7L	R134a, R22, R404A	Compound	80	Low Side, Class 1 suite Workingmans
RGB7H	R410A, R32	Pressure	80	High Side, Class 1 suite Workingmans
RGB7L	R410A, R32	Compound	80	Low Side, Class 1 suite Workingmans
PT200W	* All	LCD	68	Wireless Pressure Temperature Gauge
RGT5H	R134a, R22, R404A	Pressure	80	High Side Gauge
RGT5L	R134a, R22, R404A	Compound	80	Low Side Gauge
RGYH	R407C, R22	Pressure	80	High Side Gauge
RGYL	R407C, R22	Compound	80	Low Side Gauge
PT200W	ALL	LCD	68	Wireless Bluetooth Pressure Temperature Gauge

\*Excluding natural refrigerants

**Imperial**



**IMPERIAL**

Part Number	Refrigerant	Type	Size (mm)	Description
453-CR	R32, R410A	Pressure	68	High Side
453-CB	R32, R410A	Compound	69	Low Side
429-CKP	R22, R407C, R410A	Pressure	68	High Side
428-CKP	R22, R407C, R410A	Compound	68	Low Side
452CR	R410A	Pressure	63	High Side - Flutter Free
452CB	R410A	Compound	63	Low Side - Flutter Free
420-RCKP	R134a, R22, R404A	Pressure	63	High Side - Flutter Free
420-BCKP	R134a, R22, R404A	Compound	63	Low Side - Flutter Free



# Hoses and Hose Sets

CPS				
Part Number	Length (mm)	Colour	Connection (inches)	Description
HP3	3 x 900	Red, Blue & Yellow	1/4" FF	Hose Set
HP3E	3 x 900	Red, Blue & Yellow	1/4" FF	Hose Set c/w Ball Valves
HP6Y	1 x 1800	Yellow	1/4" FF	Single Hose
HP6R	1 x 1800	Red	1/4" FF	Single Hose
HP6B	1 x 1800	Blue	1/4" FF	Single Hose
HP6	3 x 1800	Red, Blue & Yellow	1/4" FF	Hose Set
HP6E	3 x 1800	Red, Blue & Yellow	1/4" FF	Hose Set c/w Ball Valves
HJ3	3 x 900	Red, Blue & Yellow	5/16" FF	Hose Set R410A/R32
HJ5	3 x 1500	Red, Blue & Yellow	5/16" FF	Hose Set R410A/R32
HV6	1 x 1800	Black	3/8" FF	Vacuum Hose
HA6	3 x 1800	Red, Blue & Yellow	1/2" FF	Hose Set c/w Ball Valves
HA6B	1 x 1800	Blue	1/2" FF	Single Hose
HA6R	1 x 1800	Red	1/2" FF	Single Hose
HA6Y	1 x 1800	Yellow	1/2" FF	Single Hose with Ball Valve
HA8	3 x 2400	Red, Blue & Yellow	1/2" FF	Hose Set
HJ5B	1 x 1500	Blue	1/2" FF	Single Hose
HJ5R	1 x 1500	Red	1/2" FF	Single Hose
HJ5Y	1 x 1500	Yellow	1/2" FF	Single Hose
HK5	3 x 1500	Black	1/4" FF	Hose Set
HP6BE	1 x 1800	Blue	1/4" FF	Single Hose with Ball Valve
HP6YE	1 x 1800	Yellow	1/4" FF	Single Hose with Ball Valve
HT1YE	1 x 300	Yellow	1/4" FF	Hose Extension with Ball Valve
HP5NG	3 x 1500	Red, Blue & Yellow	1/4" FF	Hose Set
HJ5NG	3 x 1500	Red, Blue & Yellow	1/4" FF + 1/2"-20 UNF	Hose Set c/w Gauge Conn. & BV R410A/R32

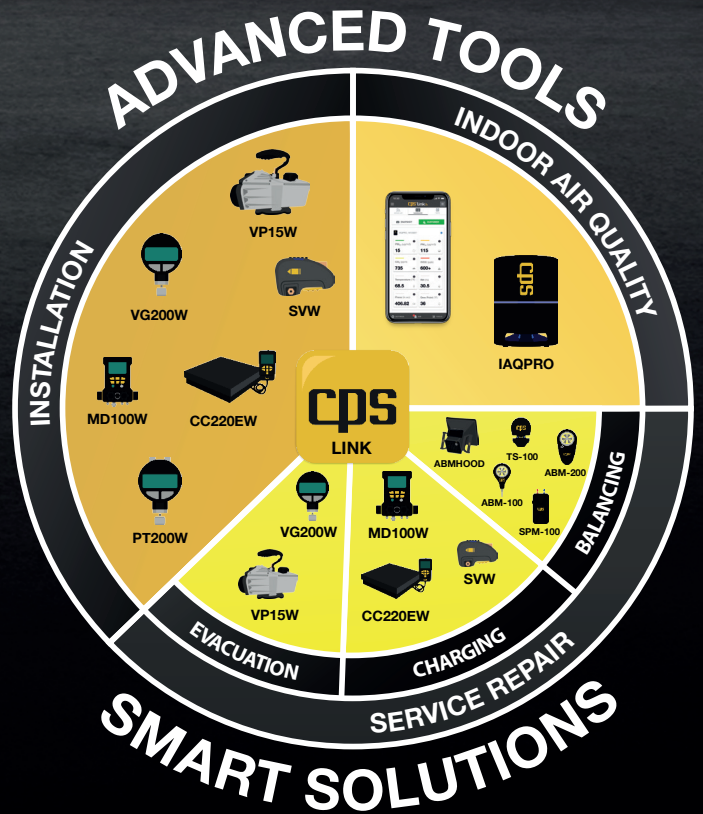


IMPERIAL				
Part Number	Length (mm)	Colour	Connection (inches)	Description
203MRS	3 x 900	Red, Blue & Yellow	5/16" FF	Hose Set
853-MRS	3 x 900	Red, Blue & Yellow	1/4" - 5/16" FF	Hose Set
205-MRS	3 x 1500	Red, Blue & Yellow	5/16" FF	Hose Set
856-MRS	3 x 1800	Red, Blue & Yellow	1/4" - 5/16" FF	Hose Set
800-MBY	1 x 1800	Yellow	1/4" FF	Single Hose c/w Ball Valves



CPS offers a growing range of innovative wireless products that work in tandem with our free **CPS Link<sup>™</sup>** app on your smartphone or tablet.

**CPS** wireless products quickly and easily record airflow, temperature, humidity, pressure and other job-site conditions pertinent to servicing or installing HVAC/R equipment.



**TRS600E**  
Ignition Proof  
Recovery Machine



**VPS6DA**  
Premium Sparkless  
(Ignition Proof)  
Vacuum Pump



**MT11B7J5**  
Manifold



**BTLE9**  
Tube Expander



**BFT850DR**  
Flaring Tool





# Manifold, Gauge and Hose Spares and Accessories



SPARE PARTS		
Part Number	Description	Brand
MXK	CPS M/Fold Knob & Hi/Lo Label	CPS
MXPK	Blackmax Valve Handle	CPS
MPV	Blackmax Piston Valve Assembly	CPS
MPVO	Blackmax Piston Valve O-Ring Kit	CPS
MVXK	Vortech Valve Handle	CPS
MV2XRK	Vortech Valve Repair Kit (2 valves)	CPS
MV4XRK	Vortexh Valve Repair Kit (4 valves)	CPS
HXG	1/4" Hose Gasket - Packet of 10	CPS
HX3G	3/16" Hose Gasket (10Pk)	CPS
HX38G	3/8" Hose Gasket - Packet of 10	CPS
HXD	1/4" Hose Core Depressor - Packet of 10	CPS
HXG2	1/2"-20 UNF R410A/1/2" Acme Hose Gaskets - (10 Pk)	CPS
HXTG2	1/2"-20 UNF Teflon Hose Gaskets - (10 Pk)	CPS
RGX68L	Replacement Gauge Lens 68mm	CPS
RGX68BB	Protective Gauge Boot Blue 68mm	CPS
RGX68RB	Protective Gauge Boot Red 68mm	CPS
RGX80BB	Protective Gauge Boot Blue 80mm	CPS
RGX80RB	Protective Gauge Boot Red 80mm	CPS
HX14R-A	14mm Hose O-Rings (10 Pk)	CPS
MXMH	Chrome Hanging Hook for Manifold	CPS
M2XRK	Valve Repair Kit - 2 Valves	CPS
M4XRK	Valve Repair Kit - 4 Valves	CPS
CC100LC	Load Cell Plus Platform	CPS
CC700DCV	CC700 Valve and Coil Replacement	CPS
CC700DF	CC700 Fuse Holder	CPS
CC700DKP	CC700/CC750 Keypad	CPS
CC700DLC	CC700/CC750 Load Cell	CPS
CC700P	CC700/CC750 Mount Platform	CPS
CC750DCB	CC750 Circuit Board	CPS
ZS143	CPS TIP ROTECTOR	CPS
M4XHA	Four Way Hose Anchor Assembly	CPS
S780CBA	L780A Circuit Board	CPS
TBS102	Air Switch ALT DPNO 3mm	Tecmark
TBS103	Air Switch ALT DPNO 4mm	Tecmark
TBS200	Air Switch ALT SPNO 10AMP	Tecmark
TBS207	Air Switch ALT SPNO 25AMP	Tecmark
TBS212	Air Switch ALT SPDT 25AMP	Tecmark
TBS213	Air Switch ALT SPDT 25AMP	Tecmark
TBS301	Air Switch ALT SPDT 25AMP	Tecmark
FN55	Fuji Koki Valves Packed	Fuji Koki
ORV25SOCH1	1" Oil Temp Regulating Valve	Danfoss
400-RB	Guage Protective Boot Set	Imperial
600-RH	Diaphragm Repair Kit 600 M/Fold	Imperial

**SPARE PARTS (CONT'D)**

Part Number	Description	Brand
S10000265	Gasket Suit 5/16 R410A Hose	Imperial
S7958301	Imperial Hose Gasket S7958301	Imperial
405RH	High Side Repair Kit for 496-CKP	Imperial
602R	Replacement HI & LO Handles for 600 Series	Imperial
500-RL	Low Side Repair Kit for 513C R410A	Imperial

**CPS**

Part Number	Male Connection	Female Connection	Connection Type	Description
<b>Service Ball Valve and Blowback Valves</b>				
BV	1/4"	1/4"	Straight Flare	Service Ball Valve
BV3	1/4"	1/4"	Straight Flare	Service Ball Valve (3 Pk)
BV45	1/4"	1/4"	45° Flare	Service Ball Valve
BV453	1/4"	1/4"	45° Flare	Service Ball Valve (3 Pk)
BV90	1/4"	1/4"	90° Flare	Service Ball Valve
BV410	5/16"	5/16"	Straight Flare	Service Ball Valve
BV38	3/8"	3/8"	Straight Flare	Service Ball Valve
AB	1/4"	1/4"	Straight Flare	Anti Blowback Valve
AB410	5/16"	5/16"	Straight Flare	Anti Blowback Valve

**cps**<sup>®</sup>

**IMPERIAL**

Part Number	Male Connection	Female Connection	Connection Type	Description
<b>Kwik-Coupler<sup>®</sup></b>				
16-C	1/4"	1/4"	Straight Flare	Kwik-Coupler <sup>®</sup>
17-C	1/4"	1/4"	90° Flare	Kwik-Coupler <sup>®</sup>
18C	1/4"	1/4"	Str+90Deg	Kwik-Coupler <sup>®</sup>
26-C	5/16"	5/16"	Straight Flare	Kwik-Coupler <sup>®</sup>
27-C	5/16"	5/16"	90° Flare	Kwik-Coupler <sup>®</sup>

**Imperial**

**COUPLERS**

Part Number	Male Connection	Female Connection	Connection Type	Description
QC-12	1/4"		Straight Flare	High and Low Side R134a Quick Coupler Set
QCH134		3/8"	90° Flare	CPS High Side Auto Coupler
QCH14	1/4"		90° Flare	CPS High Side Auto Coupler
QCLB134		3/8"	Straight Flare	Low Side R134a Coupler
QCL134		3/8"	90° Flare	CPS Pro Set Low Side R134a Coupler
QCL14	1/4"		90° Flare	CPS Pro Set Low Side Coupler
RC01C-002	1/2"	1/2"	90° Flare	Parker Low Side Coupling Assembly
RC01C-003	5/8"	5/8"	90° Flare	Parker High Side Coupling Assembly

# Fire up your Service Team

## with these Key Fieldpiece Products.



### SM480vINT SM380vINT

- SMAN™ Refrigerant Manifold and Micron Gauge**
- Wireless & BlueTooth
  - Built-In data logger
  - Job Link compatible

### SC680 SC480

- Wireless & BlueTooth Clamp Meters with Power Calc Function**
- SC680 for AC & DC Amps
  - Job link Data Capture
  - CAT111 600V / CAT1V 1000V



### JL3KM2

- Job Link® System Dual Port Manometer Probe Kit**
- 100 mtr Range\*
  - Logging via Job Link App
  - Available in single probe

### JL3KH6

- Job Link® System Charge and Air Kit**
- 100 mtr Range\*
  - Logging via Job Link App
  - Use for LP Gas & Static Pressure measurements



### VP85INT

- Vacuum Pump for HVAC-R**
- A2L Refrigerant suitable [ R32, R1234YF ... ]
  - Run Quick "20 second" oil change – no machine stop
  - 225 L\min [ 8 CFM ] flowrate

### MR45INT

- Refrigerant Recovery Machine**
- Auto shutdown
  - A2L Refrigerant suitable [ R32, R1234YF ... ]
  - Variable speed DC motor
  - Low voltage starting



### SVG3

- Easy view Digital Micron Vacuum Gauge that's rugged and loaded**
- Hi & Lo alarm set
  - Visual rate of change

### SRS3

- Refrigerant Scale**
- Wireless & BlueTooth
  - Job Link compatible
  - Range 115 Kg
  - Sync to your Manifold for charging



### SRL8

- Heated Diode Refrigerant Leak Detector**
- Rechargeable battery
  - High sensitivity @ 2.8 grams \ year
  - Hard protective case with wand extensions

### ST4

- Dual Temperature Meter**
- Economic dual temperature meter with T1 – T2 function
  - Includes 2 x ATB1 Bead K-Type Thermocouples
  - Protective soft case with clear front
  - Range to -50 to +1300 oC



Your Technicians need the best gear for Service & Diagnostics!

Local Service & Support at Fieldpiece Australia

\* 100 mtr range is base on lab tested results in an ideal environment



# Leak Detectors

## ELECTRONIC REFRIGERANT LEAK DETECTORS

### CPS

Part Number	Sensor Type	Sensitivity to CFC's, HCFC's & HFC's	Visual Display	Audible Alarm	Calibration	Operating Temp. (°C)	Power	Auto Off (mins)	Weight (g)	Warranty (years)
LS1	E_Mos	3g / year 35 PPM	6 x LED + Bar Graph	Variable Intensity	Manual	-18°C to 60°C	2 x C Alkaline Batteries	10 min	500	1
LS2	E_Mos	3g / year 35 PPM	6 x LED, 42 Sensitivity Levels	Variable Intensity	Automatic	-18°C to 60°C	3 x C Alkaline Batteries	10 min	500	2
GS40	Combustible Gas	3g / year	N/A	Variable Intensity	Manual	-20°C to 40°C	4 x AA Alkaline Batteries	N/A	500	1

**cps®**


### FIELDPIECE

Part Number	Sensor Type	Sensitivity to CFC's, HCFC's & HFC's	Visual Display	Audible Alarm	Calibration	Operating Temp. (°C)	Power	Auto Off (mins)	Weight (g)	Warranty (years)
SRL8	Heated Diode	3g / year	8 x LED Bar Graph	Variable Intensity	Automatic	0°C to 40°C	Rechargeable Lithium Ion Polymer (Li-ion Poly)	10 min	400	1
SRL2K7	Infrared	3g / year	8 x LED Bar Graph	Variable Intensity	Automatic	0°C to 40°C	Rechargeable Lithium Ion Polymer (Li-ion Poly)	10 min	500	1
SCL2	Infrared	CO <sub>2</sub>	LED	Variable Intensity	Automatic	0°C to 40°C	"Rechargeable Lithium			

**Fieldpiece**  
Australia


### IMPERIAL

Part Number	Sensor Type	Gas Suitability	Visual Display	Audible Alarm	Calibration	Operating Temp. (°C)	Power	Auto Off (mins)	Weight (g)	Warranty (years)
LD-920	Heated Sensor	Nitrogen and Hydrogen	LED	YES	Automatic	N/A	4 x AA Alkaline Batteries	N/A	570	2

**Imperial**  
DEPENDABLE UNDER PRESSURE™


### JAVAC

Part Number	Sensor Type	Sensitivity to CFC's, HCFC's & HFC's	Visual Display	Audible Alarm	Calibration	Operating Temp. (°C)	Power	Auto Off (mins)	Weight (g)	Warranty (years)
TEKMATE	Heated Diode	11g / year	LED	Variable Intensity	Automatic	-27°C to 50°C	"2 x D	N/A	4000	1
D-TEK	Infrared	3g / year	"8 x LED	Yes	12 Months	0°C to 50°C	DC Power Pack 8 -12 Hours		4000	1
D-TEKCO2	Infrared	CO <sub>2</sub>	LED	Variable Intensity	Automatic	-20°C to 50°C	Rechargeable	N/A	540	2
WHISPER	Ultrasonic	N/A	LED	Yes	Automatic	0°C to 50°C	2 x D Alkaline Batteries	N/A	680	2

**JAVAC**


# Leak Detectors

## ELECTRONIC REFRIGERANT LEAK DETECTORS (CONT'D)



### DANFOSS

Part Number	Sensor Type	Gas Suitability	Visual Display	Audible Alarm	Calibration	Operating Temp. (°C)	Power	Auto Off (mins)	Weight (g)	Warranty (years)
080Z2148	Infrared	CO <sub>2</sub>	LED	Yes	12 Months	0°C to 50°C	DC Power Pack 8 -12 Hours	N/A	4000	1
080Z2149	Infrared	Halogen Gas	LED	Yes	12 Months	0°C to 50°C	DC Power Pack 8 -12 Hours		4000	1



### KIMO INSTRUMENTS

Part Number	Sensor Type	Gas Suitability	Visual Display	Audible Alarm	Calibration	Operating Temp. (°C)	Power	Auto Off (mins)	Weight (g)	Warranty (years)
DF110	Heated diode	All HCFC and HFC	13 x LED	Variable Intensity	Automatic	0°C to 50°C	4 x AAA Batteries		295	1



### HLP CONTROLS

Part Number	Gas Suitability	Visual Display	Audible Alarm	Calibration	Power	Auto Off (mins)	Weight (g)	Warranty (years)
7701	Carbon Monoxide	LCD	Yes	Automatic	2 x AA Batteries	N/A	295	1



### TESTO INSTRUMENTS

Part Number	Gas Suitability	Visual Display	Audible Alarm	Calibration	Operating Temp. (°C)	Power	Auto Off (mins)	Weight (g)	Warranty (years)
0563-3164	H <sub>2</sub> , CFC, HCFC, HFC	LED	YES	12mths	-20°C to 50°C	1 Battery Block	N/A	348	2
0563-3165	Ammonia NH <sub>3</sub>	LED	YES	12mths	-20°C to +50°C	1 Battery Block	N/A	348	2

### ELECTRONIC LEAK DETECTOR ACCESSORIES

Part Number	Suits	Description
EMOS2	LS1 & LS2	Replacement Sensor CPS
LSXS	L780a,L790a	Replacement Sensor CPS
LSXS3	LS3000	Replacement Sensor CPS
LSXBMK	LS790B	Sensor Housing CPS
LS2XVF	LS1 & LS3	Vapor Filter Sensing Tip CPS
LS2XF	LS2	Sensor Filters 10 Pk CPS
RHD1	SRL8	Sensor Fieldpiece
ABMK3	SRL2	Case and Extensions Fieldpiece
703-020-G1	TEKMATE	Sensor Javac
705-600-G1	TEKMATE	Filter Tip 20 Pk Javac
703-015-G1	D-TEK	Probe Tip and Filters Kit
712-700-G1	D-TEK	Battery Javac
712-701-G1	D-TEK	Infrared Sensor Javac
712-707-G1	D-TEK	Filter Tip Javac
BAPGM155667	PAGM	Display Screen for Co2 3015-5751



**ELECTRONIC LEAK DETECTOR ACCESSORIES (CONT'D)**

Part Number	Suits	Description
BAPGM155694	PAGM	Sample Probe
BAPGM155759	PAGM	IR Cell for Co2 3015-5751
BAPGM30155480	PAGM	Main Board for Co2 3015-5751
BAPGM30155481	PAGM	Main Board for 3015-5720
BAPGM30155666	PAGM	Display Screen for Co2 3015-5751
BA3154721	PAGM	IR Cell For 3015-5720
LP3015-5743	PAGM	Battery Pack
0554-3180	Leak Detector	Spare Head Testo (HCFC and HFC)


**UV LEAK DETECTORS**
**UV LEAK DETECTORS - FLASHLIGHT**

Part Number	Description
UV152E	Uv Torch Kit 240 V
UV55	Uv Pro Kit C/W Squeeze Injector
UVPRO	Uv Portable Torch & Glasses

**cps®**

**UV LEAK DETECTORS - DYE INJECTOR**

Part Number	Description
UVNJ2	CPS Dye Injector 1/4F Hand-turn
UVNJ	CPS Dye Injector 1/4F In-Line

\*Refer to Consumables for Cartridges



# Refrigerant Testing Tools

**REFRIGERANT IDENTIFIERS**

Part Number	Description
RI-700H	Refrigerant Identifier Ultima Id Pro C/W Printer



# Tube Tools

**cps**<sup>®</sup>



## TUBE CUTTERS

### CPS

Part Number	Cutting Range	Description
TC127	1/8" - 5/8"	Tube Cutter
TCT127	1/8" - 5/8"	Tube Cutter Heavy Duty
TCT174	1/8" - 1-1/8"	Tube Cutter Heavy Duty
TC274	1/8" - 1-1/8"	Tube Cutter
TCT312	1/8" - 1-3/4"	Tube Cutter Heavy Duty
BTC-100	1/8" - 5/8"	Mini Tube Cutter
BTC350	1/8" - 1 5/8"	Tube Cutter
BTC200	1/8" - 7/8"	Tube Cutter Blackmax Set N Cut
BTC200R	1/8" - 7/8"	Ratchet Tube Cutter Blackmax Set N Cut
BTC300	3/16" - 1 1/4"	Tube Cutter Blackmax Set N Cut
BTC500	3/8" - 2 5/8"	Tube Cutter Blackmax Set N Cut
TCAP	All Capillaries	Capillary Tube Cutter

**Imperial**



### IMPERIAL

Part Number	Cutting Range	Description
TC1050	1/8" - 5/8"	Tube Cutter
TC1000	1/8" - 1-1/8"	Tube Cutter
174-F	3/8" - 1-1/8"	Tube Cutter
312FC	1/4" - 1-5/8"	Tube Cutter
206-FB	3/8" - 2-5/8"	Ratchet Tube Cutter

## TUBE CUTTERS SPARES

Part Number	Brand	Suits	Description
TCX7C	CPS	TC127	Cutting Wheel
TCX7S	CPS	TC127	Screw for Cutting Wheel
TCX4CTS	CPS	TC274 & TC312	Cutting Wheel
TCX4S	CPS	TC274 & TC312	Screw for Cutting Wheel (10 Pack)
TCXT127C	CPS	TCT127	Cutting Wheel & Screw
TCXT174C	CPS	TCT174	Cutting Wheel & Screw
TCXT206C	CPS	TCT206	Cutting Wheel & Screw
TCXT274C	CPS	TCT274	Cutting Wheel & Screw
TC1A	Imperial	TC100, 174-F, 312FC	Service Kit GP, Incl 3 Wheels & Screw
TC1B	Imperial	TC100, 174-F, 312FC	Service Kit GP, Incl 3 Wheels & Screw
TC1C	Imperial	TC1050	Service Kit, Incl 2 Wheels & Screw

## DEBURRING & REAMING

### CPS

Part Number	Description
TLDB	Rotary Deburring Tool
TLDBX	Replacement Blade For Rotary Deburrer
TLDB2X	Replacement Blade For Pencil Deburrer
TLRM	Reamer Tool
BTLDB3	Blackmax Heavy Duty Deburring Tool

**cps**<sup>®</sup>


### IMPERIAL

Part Number	Description
208-F	Reamer Inner Outer
210-F	Rotary Deburring Tool

**Imperial**


## FLARING & SWAGING

### CPS

Part Number	Flare Range	Description
FT500	3/16" - 5/8"	Flaring & Burnishing Tool
FS275	1/8" - 3/4"	Flaring & Swaging Kit
BFT850FN	3/16" - 3/4"	Blackmax R410A Flaring Tool
BFT850DR	3/16" - 3/4"	Blackmax R410A Ratchet & Drill Flaring Tool
FT525	3/16" - 5/8"	Universal Flaring and Burnishing Tool

**cps**<sup>®</sup>


### BBK

Part Number	Flare Range	Description
FN800	1/4" - 3/4"	Flaring Tool
900FN	1/4" - 3/4"	Ratchet Flaring Tool



### IMPERIAL

Part Number	Flare Range	Description
195-FC	3/16" - 5/8"	45° Flaring Tool
275-FS	1/8" - 3/4"	Flaring + Swaging Kit
500-FCP	5/16" - 5/8"	Flaring Tool

**Imperial**


### P&M

Part Number	Flare Range	Description
FT275	1/8" - 3/4"	Flaring & Swaging Kit
808A	1/4" - 3/4"	Eccentric Flaring Tool
95	1/4" - 5/8"	Swaging Punch

**PM**

### RECTORSEAL

Part Number	Flare Range	Description
87011	1/4" - 3/8"	PRO-Fit Swaging Kit
87001	1/4" - 7/8"	PRO-Fit Precision Flaring Kit

**RECTORSEAL**  
A CSW Industrial's Company


# Tube Tools

**cps**<sup>®</sup>



## TUBE BENDERS

### CPS

Part Number	Flare Range	Description
TB04	1/4"	Mechanical Tube Bender
BTB06	3/8"	Blackmax Lever Tube Bender
BTB08	1/2"	Blackmax Lever Tube Bender
BTB10	5/8"	Blackmax Lever Tube Bender
BTB12	3/4"	Blackmax Lever Tube Bender
BTB14	7/8"	Blackmax Lever Tube Bender
TB368	1/4" - 5/16" - 3/8"	Universal Tube Bender 3-In-1
TB250	1/4" - 7/8"	Universal Ratchet Tube Bender Set
BTB300	1/4" - 7/8"	Blackmax Premium Ratchet Tube Bender

**Imperial**



### IMPERIAL

Part Number	Flare Range	Description
364FHB-08	1/2"	Mechanical Tube Bender
364FHA-10	5/8"	Mechanical Tube Bender
364FHA-12	3/4"	Mechanical Tube Bender
368FH	1/4" - 5/16" - 3/8"	Universal Tube Bender 3-In-1
370FH	1/4" - 3/8" - 1/2"	Universal Tube Bender 3-In-1

**PM**

### P&M

Part Number	Flare Range	Description
404L	3/8" - 7/8"	Multi-Size Tube Bender

## BENDING SPRINGS

**cps**<sup>®</sup>



### CPS

Part Number	Size	Description
TBS04	1/4"	Tube Bending Spring
TBS06	3/8"	Tube Bending Spring
TBS08	1/2"	Tube Bending Spring
TBS10	5/8"	Tube Bending Spring
TBS12	3/4"	Tube Bending Spring

## INTERNAL BENDERS



### EVOLVE

Part Number	Size	Description
IB38	3/8"	Internal Tube Bender 3 m
IB12	1/2"	Internal Tube Bender 3 m
IB58	5/8"	Internal Tube Bender 3 m

## RIVETED TUBE EXPANDERS

### CPS

Part Number	Size	Description
BTLE9	1/4" TO 1-1/8"	Blackmax Expander Kit With 9 Heads
BTLH5E	3/8", 1/2", 5/8", 3/4", 7/8"	Hydraulic Expander Kit
BTLEX14	1/4"	Expander Head
TLH06	3/8"	Expander Head Riveted
TLH08	1/2"	Expander Head Riveted
TLH10	5/8"	Expander Head Riveted
TLH12	3/4"	Expander Head Riveted
TLH14	7/8"	Expander Head Riveted
TLH16	1"	Expander Head Riveted
TLH18	1-1/8"	Expander Head Riveted
TLH22	1-3/8"	Expander Head Riveted
TLH26	1-5/8"	Expander Head Riveted

### P&M

Part Number	Size	Description
I100	3/8" - 1-1/8"	Expander Kit With 7 Heads & Reamer

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**PM**


# Vacuum Pumps & Accessories

## VACUUM PUMPS

**cps**<sup>®</sup>



### CPS

Part Number	Free Air Disp. (L/Min)	Ultimate Vacuum (Microns)	Motor Size HP (RPM)	Solenoid safety protection (Y/N)	Approx. Weight (kg)	Description
VPC2DE	45	15	1/4 (2880)	N	5.5	2 Stage 240 V 50 Hz
VPS2DA	42	10	1/3 (1440)	N	8	2 Stage 240 V 50 Hz Spark Proof Switch For <b>R32</b>
VP4DE	84	10	1/2 (2880)	N	10	2 Stage 240 V 50 Hz
VPS6DA	144	10	1/2 (2880)	N	10.2	2 Stage 240 V 50 Hz
VPS6DAV	144	10	1/2 (2880)	Y	10.2	2 Stage 240 V 50 Hz Spark Proof Switch For <b>R32</b>
VP8DE	186	25	2/3 (2880)	N	13.5	2 Stage 240 V 50 Hz
VPS12DAV	288	25	1 (2880)	Y	14	2 Stage 240 V 50 Hz Spark Proof Switch For <b>R32</b>
VPC2D-18VDCKIT	48	15	6.0 aH Battery	Y	10.2	2 Stage 18Volt Vacuum Pump Kit

**Fieldpiece**  
Australia



### FIELDPIECE

Part Number	Free Air Disp. (L/Min)	Ultimate Vacuum (Microns)	Motor Size HP (RPM)	Dimensions (L x W x H) (mm)	Approx. Weight (kg)	Description
VP55INT	141	15	1/3 HP AC	Y	13.6	Dual Voltage 5CFM Vacuum Pump
VP85INT	226.5	15	3/4 HP Brushless DC	Y	12.7	8CFM Vacuum Pump

**JAVAC**



### JAVAC

Part Number	Free Air Disp. (L/Min)	Ultimate Vacuum (Microns)	Motor Size HP (RPM)	Dimensions (L x W x H) (mm)	Approx. Weight (kg)	Description
CC45	45	15	240/1 1/4"-3/8" (1/2")	330 x 135 x 255	11	Single Stage 18volt Cordless
CC81	76	25	240/1 1/4"-3/8" (1/2")	350 x 143 x 265	11.5	Single Stage 18volt Cordless
CC141	141	25	240/1 1/4"-3/8" (1/2")	350 x 143 x 265	12	Single Stage 18volt Cordless
VRD160	160	1	1/3 (1400)	540 x 155 x 240	21	2 Stage Vacuum Pump
VRD320	320	1	1/3 (1400)	540 x 155 x 240	24.5	2 Stage Vacuum Pump

**Appion**



### APPION

Part Number	Free Air Disp. (L/Min)	Ultimate Vacuum (Microns)	Motor Size HP (RPM)	Dimensions (L x W x H) (mm)	Approx. Weight (kg)	Description
TEZ8	227	< 20	12	355 x 254 x 228	14.5	2 Stage 8CFM Vacuum Pump

## VACUUM GAUGES & ACCESSORIES

### CPS

Part Number	Description
VG200	Digital Vacuum Gauge - Atmospheric to 0 Microns
VG200W	Wireless Digital Vacuum Gauge
AVT45	Adaptor 1/4" x 1/4" x 1/4" Female Swivel Tee
AVCVAC	Brass Cap Kit Suit Vacuum Pump
AVT87	R410A Vacuum Gauge Adaptor
VPCXB18	18V 6.0Ah Clone Battery
VPCXBCAU	3.0A Clone Battery Charger

**cps**<sup>®</sup>


### JAVAC

Part Number	Description
ACRAVAC	Wireless Digital Vacuum Gauge

**JAVAC**


### FIELDPIECE

Part Number	Description
SVG3	Digital Vacuum Gauge - Atmospheric To 50 Microns

**Fieldpiece**  
 Australia


### Part Number Description

#### Anti-Syphon Kits

VPAS4	Kit Comprises Anti-Siphon Valve and 1/4" MF Fitting
VPAS8	Kit Comprises Anti-Siphon Valve and 3/8" MF Fitting
VPASU	Kit Comprises Anti-Siphon Valve and 1/4" MF Fitting, 3/8" MF and 1/2" ACME Fittings



### Part Number Description

#### Vacuum Pump Oil

VPOP	Premium Vacuum Pump Oil 470 ml
VPOQ	Premium Vacuum Pump Oil 946 ml
VPOG	Premium Vacuum Pump Oil 3.78 L
OIL32	High Grade Vacuum Pump Oil 946ml
OIL8X3	High Grade Vacuum Pump Oil 3 Pack
L10007	Vacuum Pump Oil 1L
TZMGLN	Tezom Micron Dry Oil 3.79L
TZM1PK	Tezom Micron Oil Cartridge



### APPION

Part Number	Description
AV760	Bluetooth Digital Vacuum Gauge

**Appion**

### TESTO

Part Number	Description
0560-5522	Digital Vacuum gauge with Bluetooth
0564-2552	Smart Probe - Wireless vacuum probe – App operated

**testo**


# Refrigerant Recovery

**cps**<sup>®</sup>



CPS							
Part Number	Suitable Application	Compressor	Direct Liquid Capacity	Liquid & Vapour Recovery	Refrigerant	Auto HP Cut Off Switch	Weight (kg)
TR700E	Residential A/C, Commercial	2 Cylinder Oil-less	276kg / Hr	Yes	All CFC/HCFC & HFC, incl R410A	3800 kPa	14.5
TRS21A	Residential A/C, Commercial	2 Cylinder Oil-less	276kg / Hr	Yes	R32, R1234 series, HFO & mainstream refrigerants	3800 kPa	11.0
TRS600E	Residential A/C, Commercial	2 Cylinder Oil-less	276kg / Hr	Yes	R32, R1234 series, HFO & mainstream refrigerants	3800 kPa	12.7

**Fieldpiece**  
Australia



FIELDPIECE							
Part Number	Suitable Application	Compressor	Direct Liquid Capacity	Liquid & Vapour Recovery	Refrigerant	Auto HP Cut Off Switch	Weight (kg)
MR45INT	All refrigeration & Air Conditioning Systems	Two Cylinder Oil-Less Variable Speed	R410a @ 5.59 kg/min	Yes	All common refrigerants including R410A & R32	-10kPa	10.0

**JAVAC**



JAVAC							
Part Number	Suitable Application	Compressor	Direct Liquid Capacity	Liquid & Vapour Recovery	Refrigerant	Auto HP Cut Off Switch	Weight (kg)
JVCP1	JAVAC Compliance Pack - Consisting of:						
					<b>Exclusive to Kirby</b> <b>See individual Listings for Specifications</b>		

**Appion**



APPION							
Part Number	Suitable Application	Compressor	Direct Liquid Capacity	Liquid & Vapour Recovery	Refrigerant	Auto HP Cut Off Switch	Weight (kg)
G5TWIN	Residential A/C, Commercial & Industrial	2 Cylinder	"468kg / Hr	Yes	All common refrigerants including R410A & R32	-10kPa	10.0

## RECOVERY MACHINE ACCESSORIES

Part Number	Description
SC410A	CPS Subersible Sub-Cooler. Improves Reclaim Capacity of all makes of Recovery Machines



## CHARGING SCALES

### CPS

Part Number	Type	Capacity (kg)	Platform Dimensions (cm)	Carry Case	Transmission Range (m)	Auto Shut OFF	Batteries	Unit Weight (kg)
CC800A	Corded LCD Display	100	22.3 x 22.3	Yes - Hard	N/A	YES (10min)	2 x 9V (Handle)	3.9
CC220EW	Wireless to Mobile App	100	22.3 x 22.3	Yes - Hard	45.7	YES	2 x 9V	2.55
CC240W	Wireless to Mobile APP	108	25.4 x 25.4	Yes - Hard	9.1	YES (10min)	4 x AA (Platform)	4

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### FIELDPIECE

Part Number	Type	Capacity (kg)	Platform Dimensions (cm)	Carry Case	Transmission Range (m)	Auto Shut OFF	Batteries	Unit Weight (kg)
SRS3	Wireless to Mobile App	114	27.9 x 27.9	Yes - Soft	30	30	6 x AA (Platform), 9V (Remote)	4.9

**Fieldpiece**  
Australia


### APPION

Part Number	Type	Capacity (kg)	Platform Dimensions (cm)	Carry Case	Transmission Range (m)	Auto Shut OFF	Batteries	Unit Weight (kg)
WS260	Wireless to Mobile App	120	33 x 30.4	Yes - Hard	300	N/A	3 x AA	4.5

**Appion**


# Electrical Test Equipment

## CLAMP METERS

**cps**<sup>®</sup>



CPS		
Part Number	Description	Features
AC750	Digital Clamp Meter 1000A, 1000V CAT III	True RMS AC Measurements, Inrush Current Measurement, Min Max Volume Measurement and includes soft carry case, test leads and battery.
VOLT-100	Wireless Clamp Power Meter	Determine true power consumption and overloads. Easily measure inrush/AC currents, resistance & RMS
ICM100	Universal Clamp Meter	AC/DC current measurement from 0.001 up to 100 A. which makes it a great tool for measuring parasitic draws and AC/DC voltage measurement up to 600 volt. Test leads soft carrying deluxe pouch and batteries included

**Fieldpiece**  
Australia



FIELDPIECE		
Part Number	Description	Features
SC240	Digital Clamp Meter 600V, 400A CAT III	Auto Ranging, Volts A/C - D/C, Temperature Measurement via Thermocouple, and includes soft carry case, leads and battery.
SC420	Digital Clamp Meter 600V, 400A CAT III	
SC640	Digital Clamp Meter 600V, 400A CAT III	
SC480	Wireless & Bluetooth Digital Volts Clamp Meter 600V-1000V /400A CAT III	Auto Ranging, Volts A/C & DC, RCT2 Molex probe tips, ADLS2 silicone leads, ASA2 gator clip leads, (2) ATB1 Type K thermocouples, (2) Velcro straps, 9V battery, ANC7 Protective padded case, Job link compatible
SC680	Wireless & Bluetooth Volts/Amps Digital Clamp Meter 600V-1000V /400A CAT III	Auto Ranging, Volts-Amps A/C & D/C, RCT2 Molex probe tips, ADLS2 silicone leads, ASA2 gator clip leads, (2) ATB1 Type K thermocouples, (2) Velcro straps, 9V battery, ANC7 Protective padded case, Job link compatible

**HLP Controls**

HLP		
Part Number	Description	Features
T3074	Digital Clamp Meter	Ideal for maintenance people, this unit has all the necessary AC functions. 1000A AC Clamp with Phase Rotation for 3 phase systems.

**testo**



TESTO		
Part Number	Description	Features
0590-7702	Clamp Meter	The innovative grab mechanism makes the testo 770-2 the perfect clamp meter for non-contact measurements on tightly packed cables with a small diameter.
0590-7703	Clamp Meter with Bluetooth	Non-contact measurement on tightly packed cables is really easy and reliable with the testo 770-3 clamp meter. Its innovative grab mechanism will make your work easy.

## RAM INTERNATIONAL

Part Number	Description	Features
DT9701	Digital Clamp Meter	Includes K thermocouple temperature probe, Test leads, Carrying case

**Fieldpiece**  
Australia



## MULTIMETERS

FIELDPIECE		
Part Number	Description	Features
LT83A	Digital Multi Meter 600V	Continuity & Diode tester, Min/Max Value Measurement and includes soft carry case, leads & battery
HS33	Manual Ranging Digital Multimeter	Non-contact voltage meter

## MULTIMETERS (CONT'D)

### TESTO

Part Number	Description	Features
0590-7552	Current & Voltage tester	Simple, reliable with auto measurement parameter detection
0590 7602	Digital Multimeter	Auto measurement parameter detection + measures TRMS
0590-7503	Voltage tester	Unique fibre-optic technology, patented all-round LED display



## ANEMOMETERS & ACCESSORIES

### CPS

Part Number	Description	Features
ABM-100	Smartphone Airflow Meter/Anemometer	Plugs into 3.5mm jack on smartphone, Automatically emails detailed reports.
ABM-200	Smartphone Anemometer/ Environment Meter	Pairs via bluetooth to smartphone using CPS Link app, Automatically emails detailed reports, Attaches to EXP-64 extension pole.
EXP-64	Telescopic Extension Pole	Takes accurate airflow measurements without the use of a ladder, Use with ABM-100 & ABM-200.
ABM-HOOD	Airflow Capture Hood	Fast & Easy Airflow Measurement
ABM-HOOD-200	Airflow Capture Hood with Smartphone Airflow Meter/Anemometer	Includes ABM-200 Airflow Capture Hood with Expansion Hood, Integrated vortex air straightener, low airflow adapter plate, protective storage case



### FIELDPIECE

Part Number	Description	Features
SNCV1	Volt Stick Non Contact	Detects AC voltages without contact and features a bright red LED light and buzzer.
JL3KM2	BlueTooth Manometer Static Pressure Probes Kit	Dual port probe kit with a 100m data input range, complete with necessary fittings and hoses and padded protective carry case
JL3KH6	BlueTooth System Charge and Air Kit	Dual port probe kit with a 100m data input range .. 2 x Pressure Probes for Discharge & Suction Pressure, 2 x Pipe clamps for liquid line subcooling & suction line Superheat. 2 x Psychrometers for obtaining Dry Bulb, Wet Bulb, Dew Point Temperatures & Relative Humidity [ RH%]  Contained in a quick access padded case.



### HLP

Part Number	Description	Features
AV8919-KIT	Multifunction Air Flow Meter with Hood Kit	Wireless measurement, Temperature Measurement via Thermocouple, ACC Accessory Clamp and includes soft carry case, leads and battery.



### TESTO

Part Number	Description	Features
0560-1410	Vane Anemometer with Smartphone Operation	Ideal for measuring air velocity and temperature at air outlets and ventilation grilles



## MANOMETERS

### CPS

Part Number	Description	Features
SPM-K1	Smartphone Manometer & Probe Kit	Compact, portable & wireless dual-port manometer kit suitable for recording static pressure, pressure differential indoor/ outdoor pressure, system external static pressure, and gas pressure tests inside or outside residential and commercial buildings.





## MANOMETERS (CONT'D)

### FIELDPIECE

Part Number	Description	Features
SDMN5	Dual Port Manometer	Measures gas pressure, static pressure and pressure differential

### TESTO

Part Number	Description	Features
0560-1510	Differential Pressure Measuring Instrument with Smartphone operation	Professional measuring technology & smartphone operation for measuring differential pressure, air flow velocity & volume flow

## INSULATION TESTER



### FIELDPIECE

Part Number	Description	Features
SMG5	Digital Insulation Tester 1000VDC, 2000 MegOhms	Provides 1000 V DC Voltage Source, Monitors Current, Displays resistance between test points & ground

### KYORITSU

Part Number	Description	Features
KYORITSU-3132	Insulation & Continuity Tester	1000V Analogue Insulation-Continuity Tester

Part Number	Description	Features
T3663	Auto Ranging Insulation Tester	Large Digital LCD with analogue bar graph, 250V, 500V & 1000V Insulation Testing

## DATA LOGGERS



### CPS

Part Number	Description	Features
TS-100	Temperature & Humidity Data Logger	Easy & Accurate, Produces readings dry & wet bulb temperatures, relative humidity, feels like temperature & dew point
TS-100-2PK	Temperature & Humidity Data Logger	
TS-100-6PK	Temperature & Humidity Data Logger 6PK	

### HLP



Part Number	Description	Features
8829	Temperature & Humidity Data Logger	Heavy Duty Temperature & Humidity Data Logger. Measures temperatures from -40 up to +85C and relative humidity from 0 to 100%. 16000 Point Memory and Display

### T-TEC 6 SERIES (NO DISPLAY/AUDIBLE ALARM)



Part Number	Range (°C)	Sensor	Accuracy
<b>One Channel</b>			
TTEC61E	-40 TO 85	Internal temperature sensor	-40/+0 °C ± 0.3 °C
TTEC62E	-40 TO 85	Fixed external temperature sensor	0/+85°C ± 0.2 °C
<b>Two Channel</b>			
TTEC62F		Fixed external temperature sensor	40/+0 °C ± 0.3 °C
TTEC63F		Connector for remote sensors (2)	0/+85°C ± 0.2 °C
Temperature & Humidity Models (No Display/Audible Alarm for Temperature only)			
TTEC62C	0-100% RH	Fixed external temperature & humidity sensors	-40/+0 °C ± 0.3 °C 0/+85°C ± 0.2 °C 0-100% RH ±3% RH



## DATA LOGGERS (CONT'D)

### T-TEC 7 SERIES (DISPLAY & ALARM INDICATOR)

Part Number	Range (°C)	Sensor	Accuracy
<b>Two Channel</b>			
TTEC71F	-40 TO 85	Int temp sensor and connector for remote sensor	-40/+0 °C ± 0.3 °C 0/+85°C ± 0.2 °C
TTEC72F		Fixed ext temp sensor & connector for remote sensor	
TTEC73F		Connector for remote sensor/s (2)	
<b>Accessories</b>			
TTECSW		Software for Windows®, all versions	
TTECUSB2		Interface Cable for USB Port	
TTECT1		Sensor -40 to 85°C - 1.5 m	
TTECT1/3		Sensor -40 to 85°C - 3.0 m	



## DIGITAL STICK METER

### FIELDPIECE

Part Number	Description	Features
HS36	Digital Stick Meter complete with 300A Clamp	Non-contact Voltage, High Voltage and Continuity Indicators, Microamps & Capacitance



## CARBON MONOXIDE DETECTOR

### FIELDPIECE

Part Number	Description	Features
SCM4	Carbon Monoxide Detector	Field-replaceable Certified CO sensor Advanced three-pin sensor measures 0 to 1000 ppm CO



## COMBUSTION ANALYSER

### FIELDPIECE

Part Number	Description	Features
SOX3	Combustion Analyser	Measures flue temp & %O <sub>2</sub> , Calculates %CO <sub>2</sub> , %EA, & combustion efficiency



## INDOOR AIR QUALITY

### CPS

Part Number	Description	Features
IAQPRO	Indoor Air Quality Meter	Independent Sensors Accurately Measure the Air for Particulate Matter (PM <sub>2.5</sub> & PM <sub>10</sub> ), Volatile Organic Compounds, Carbon Dioxide, Temperature, Relative Humidity, Building Pressure and Dew Point.



## ACCESSORY HEADS - USE WITH HG ANALYSER, MULTIMETERS & ACCESSORY HANDLES

### FIELDPIECE

Part Number	Description	Features
ACH	AC Clamp Head 400a	Current Range 1 A to 400 A, Max Conductor Size: 23mm
AAV3	Air Velocity & Temperature Meter	Measures: Ft/Min, Meters/Seconds, MPH, Km/Hour Range of 80 to 5900 Ft/Min



### ACCESSORIES

#### FIELDPIECE

Part Number	Description	Features
EHDL1	Electronic Handle (Converts any accessory into stand-alone instrument)	Min/Max function to record the highest & lowest reading Ranges: 200m VAC, 2000m VAC, 200mVDC & 2000mVDC
ATA1	Thermocouple with Alligator Clip	Maximum temperature 40° C Fits all Fieldpiece meters
ADK7	Test Leads	Silicone test leads with removable probe tips Alligator clips for grounding
ADLS2	Test Leads	Complete with probe tips Removable probe tip included
ANC1	Soft Sided Carry Case	olds 1 x meter & 2 x heads



### SERVICE THERMOMETERS

Part Number	Description	Brand
TMDP	Digi Pocket Thermo -50/+150°C	CPS
TM50	Digital T/Meter -50/+260°C	CPS
TMINI12	Mini Infrared T/Eter 12:1 View	CPS
TMX2G	General Purpose Probe 15Ft	CPS
TMX2S	Velco-Strap Surface Probe	CPS
13/544/2	Sling Psychrometer Brannen	
RAFT	Digital Thermometer -50 To 260 °C	HLP
RED-I-TEMP	Digital Thermometer -50 To 200 °C	HLP
SPK2	Digital Pocket Thermometer	Fieldpiece
ST4	2 Temp Thermometer (T1-T2 Function)	Fieldpiece
SPK3	Two Way Digi Thermometer	Fieldpiece
SWT2	Water Resistant Thermo -50°	Fieldpiece
SRH3	Diognostic Psychrometer	Fieldpiece
PRH2	Pocket Psychrometer	Fieldpiece
15519	Thermometer With Hook	Refco
SIR2	Pocket Infrared Thermometer	Fieldpiece
8716	Digital Psychrometer	HLP
PRH2	Pocket Psychrometer	Fieldpiece
700	Pocket Thermometer -10° to 100°C	
ELUSB1	Easy to log temp only USB	Lascar





# New generation HVAC&R measurement instruments

Fast measurement, always reliable, easy operation using latest smart technology. Be sure with Testo measurement instruments.

Discover the range at your local Kirby HVAC&R store

## SERVICE THERMOMETERS (CONT'D)



Part Number	Description	Brand
EMT888	Electronic Min/Max Thermometer	T-Tech
0560-1805	Smart Probe – Infrared thermometer – App operated	Testo
0563-3915	Smart Probe – Thermometer with air probe (interchangeable) - App operated	Testo
0560-2115-02	Smart Probe – Clamp thermometer – App operated	Testo
SA-880SSF	Thermometer -10 to 110°C	
Z7634	Slack Tube Thermometer	Dwyer Instruments

## Hand Tools



### PLIERS

Part Number	Description	Brand
TLPO	Proset Pinch Off Pliers	CPS
TLPP	Proset Piercing Pliers	CPS
PT-109	Piercing Pliers	Imperial
MBV451-8	Pliers Combination 8"	Teng
TTV440	4Pc 1000V Plier Set	Teng
101003	Pliers 10" Curved Jaw	Lockjaw
93001	Pliers 7" Needle Nose	Lockjaw
803006	Pliers Set 10" & 7"	Lockjaw



### WRENCHES

Part Number	Description	Size (in)	Brand
<b>CPS Proset Hex Key Wrench Set</b>			
TLSWB	Hex Key Wrench Set Ball End AF		CPS
TLSWH	Hex Key Wrench Set AF		CPS
TLSWHB	Hex Key Wrench Set Combo (TLSWH & TLSWB)		CPS
TLSWHM	Hex Key Wrench Set Metric		CPS
<b>Adjustable Wrenches</b>			
FLAW06	Adjustable Wrench	6"	CPS
FLAW08	Adjustable Wrench	8"	CPS
FLAW10	Adjustable Wrench	10"	CPS
FLAW12	Adjustable Wrench	12"	CPS
40001	Adjustable Wrench	4"	Teng
40004	Adjustable Wrench Teng 10"	10"	Teng
40005	Adjustable Wrench Teng 12"	12"	Teng
40006	Adjustable Wrench Teng 15"	15"	Teng
40006	Adjustable Wrench Teng 18"	18"	Teng





WRENCHES (CONT'D)			
Part Number	Description	Size (in)	Brand
<b>Torque Wrenches</b>			
BTQ180	Torque Wrench 18N.M	1/4"	CPS
BTQ420	Torque Wrench 42N.M	3/8"	CPS
BTQ550	Torque Wrench 55N.M	1/2"	CPS
BTQ650	Torque Wrench 65N.M	5/8"	CPS
TLTWSM	Torque Wrench Set Metric, 17, 22, 24, 26, 27, 29		CPS
ATQS41	Torque Wrench Set Cps Sae		CPS
<b>Digital Torque Wrenches</b>			
BTLDTW	Blackmax Digital Torque Wrench		CPS

DRILL BITS			
Part Number	Description	Size (piece)	Brand
BBX28	28PC Bits Set	28 piece	Teng
BBX29	29PC Bits Set	29 piece	Teng
BBX20	20PC 1/4Dr Skt & Bit Set	20 piece	Teng



GENERAL HAND TOOLS			
Part Number	Description		Brand
1479MM	9PC Ball End Hex Key Set		Teng
700-PRO5	3PC Hacksaw & Knife Set		Teng
TT1435	35PC Metric 1/4 Drive Socket Set		Teng
K-42	PVC Pipe Cutter 6-42mm OD		
65540	Screwdriver 75mm		Stanley
65555	Screwdriver 40mm		Stanley
4732373130	Ace Hammer SDS 16PC Kit		
HVSDK6	Screwdriver Set 8PC 1000v		Cabac
H310024T	Hacksaw Blade Sutton 24TPI		
HKW30C	Hex Key Set 30 PC		Kincrome
800P175	Screwdriver Electric 75 mm Phillips Head		
VD-2100	Duct Cutter		Inaba



## Service and Support Tools

PORTABLE LIFTERS	
Part Number	Description
CM340	Portable Lifter 3.3M
CM520	Portable Lifter 4.9M



PRESSURE WASHERS		
Part Number	Description	Features
GFS-CT1	Hydrocell Pressure Washer 17L	Robust Fittings Thick casting Alloy connectors Heavy duty metal nozzle
SCB	Split Cleaning Bag	
CCB	Cassette Cleaning Bag	
HYDROBAG	REUSABLE A/C CLEANING BAG	



# Tool Bags



## VETO PRO PAC

Part Number	Description
MB	Veto Pro Diagnostic Toolbag
TP3	Veto Pro 3 Pocket Toolbag
TECHLC	Veto Pro Toolbag
OTLC	Veto Pro Lrg Open Toolbag
TECHMCT	Veto Pro Pac Compact
TEHPAC1	Veto Pro Backpack Toolbag



## CPS

Part Number	Description
TLBAG1	Square Tool Tote
TLBAG2	Tool Organiser C/W 16" Rubber Base

# Service Tools and Accessories



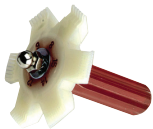
## REGULATORS

Part Number	Description
BRRN2A	NITRO REGULATOR 4300 KPA
RC1BX10	OXYGEN REGULATOR TESUCO
RC1BAC1.5	ACETYLENE REGULATOR TESUCO



## SERVICE WRENCHES

Part Number	Description
TLSWS	CPS Service Ratchet Wrench Small 3/16, 1/4, 5/16, 3/8
TLSWL	CPS Service Ratchet Wrench Large 3/16, 1/4, 1/2, 9/16
TLSWO	CPS Offset Service Ratchet Wrench Small 3/16, 1/4, 5/16, 3/8
127C	Imperial Service Ratchet Wrench



## FIN COMBS

Part Number	Description
TLFC1	CPS Universal Metal Fin Comb
TLFC6	CPS 6 Sided Fin Comb Straightening Tool
FCHS-6	Watsco Fin Comb Set
P-11	Watsco Fin Comb 11-13 FPI Blue
P-12	Watsco Fin Comb 12-14 FPI Green
P-18	Watsco Fin Comb 18-20 FPI Red
CT16009	Fin Comb Wire Type

**FASTENING STRAPS**

Part Number	Description
MRS350	Flexible Strap 350mm
MRS480	Flexible Strap 480mm
MRS600	Flexible Strap 600mm
MRS710	Flexible Strap 710mm
MRS890	Flexible Strap 890mm


**TORCHES**

Part Number	Description
EIMFL360	Extendable Magnetic Flashlight
24-458	Magnetic Pivot LED Light
108MK4YE	Eveready Dolphin Torch


**STYRUP PUMPS**

Part Number	Description
TLOP	Oil Pump to suit 4 - 20 Lt Drums


**GENERAL SERVICE TOOLS & ACCESSORIES**

Part Number	Description
AD1478	Nitro Purge Tool 1/4"-7/8"
AD1118	Nitro Purge Tool 1"-1-1/8"
TLVC1	CPS Valve Core Tool With 3 Cores
TLVC2	CPS Dual Valve Core Tool
TLXVC	Tip For Vlv Core Remover TLVC
TLMIR1	Proset Circular Mirror 1-1/4"
TLMIR2	Proset Circular Mirror 2-1/4"
TLMIR3	Proset Rectangle Mirror 2-1/8 X 3-1/2"
TLMIR4	Proset Oval Mirror 1"X 2"
PLM2	Pocket Extension Mirror
SPP	Starter Kit PSC 250% Torque Increase Solid State Relay
SPP5	Hard Start Pow-R-Pak PSC 240 V 1/2 - 10 HP 300% Torque Increase
SPP6	Hard Start Pow-R-Pak PSC 240 V 1/2 - 10 HP 500% Torque Increase.
AD71	Cylinder Adaptor For R410A
TLVCS410	CPS Valve Core Remover & Installer
TLVCS	CPS Valve Core Remover + Installer
A10971	J/B Capillary Tube Gauge
E5	Tube Cleaner Expando 5/16-3/8'
E6	Tube Cleaner Expando 3/8-1/2'
E8	Tube Cleaner Expando 1/2-5/8'
E10	Tube Cleaner Expando 5/8 - 1'
MR664	Charging Tool
MR716-1	Charging Tool Bush 1/4 FL
GM-0.4	Gasket Material 300 mm Sq 0.4 mm Thick
GM-0.8	Gasket Material 300 mm Sq 0.8 mm Thick
GM-1.6	Gasket Material 300 mm Sq 1.5 mm Thick
KUS4	Cable End Stripper
RFL2	Filter & O-Ring Kit (10 Pack)



## SERVICE TOOLS AND ACCESSORIES (CONT'D)

### GENERAL SERVICE TOOLS & ACCESSORIES (CONT'D)

Part Number	Description
ATB1	K-Thermocouple, Bead Type
ATC1	Clamp Thermo Coupler For Pipe
TLMKC18	Magnet Solenoid Cps
TLPPX	CPS Replacement Tip
TLVCT	CPS Valve Core Torque Tool
AD41	Cylinder Adaptor 3/4FbspX1/4FI
AVC410	Proset Brass Cap 5/16 Pkt 10
KUSA	Cable End Stripper



### SERVICE ACCESS VALVES

Part Number	Description
31003	Access Valve 1/4"MF X 3/16" X 2" Tail Std Cap (Ea)
AV3R	Access Valve 1/4"MF X 3/16" X 2" Tail Wrench Cap (6 Pk)
AV4RE	Access Valve 1/4"MF X 1/4" X 2" Tail Wrench Cap (Ea)
AV4R	Access Valve 1/4"MF X 1/4" X 2" Tail Wrench Cap (6 Pk)
AV4RB	Access Valve 1/4"MF X 1/4" X 2" Tail Wrench Cap (100 Pk)
316A	Access Valve 1/4"MF X 1/4" X 4" Tail Wrench Cap (Ea)
V70008	Access Valve 1/4"MF X 3/8" X 2" Tail Wrench Cap (Ea)
AV4410	Access Valve 5/16"MF X 1/4" X 2" Tail Std Cap (6 Pk)
AVU-24	Access Valve 1/4"MF X 1/8"Npt (Ea)
AVC4	Access Valve 1/4" Brass Std Cap Only (10 Pk)
AVC4R	Access Valve 1/4" Brass Wrench Cap Only (6 Pk)
A31134-100	Access Valve 1/4"MF X 1/4" Solder Tee
AVT44	Access Valve 1/4"MF X 1/4"MF X 1/4"Ff Tee
AD149C	Access Valve 1/4"MF X 1/4"FF 90°
AVS1	Access Valve Cores (10 Pk)
AVS1E	Access Valve Cores (100 Pk)
AD84	Brass Adaptor 1/4"MF X 1/2"F Acme (3 Pk)
AD78	Brass Adaptor 5/16"MF X 1/4"FF Suit R410A (Ea)
AD87	Brass Adaptor 1/4"MF X 5/16"FF Suit R410A (Ea)
A44000	Service Control Valve 5/16" Suit R410A
A33000S	Service Control Valve 1/4" FL
BPV-21	Bullet Piercing Valve 1/2 & 5/8"
BPV-31	Bullet Piercing Valve 1/4", 5/16", 3/8"
AVC4PS	Access Valve Cap Plastic
AVT64	Access Swivel Tee 3 Pack
AVX-3	Access Fit 1/4 x3/16OD 2" Tail
AV3-346	Access Valve 1/4mf x 3/16 x 3/8 sol
AV3RE	CPS Access Valve + Tail 3/16PEREA
AV4RBL	Access Valve 1/4" Long Tail 4"
1PDA511	Valve Reed (Suction)
1PDA551	Valve Reed (Suction)
1PDN021	Lockwasher Disk Reed
48095055	Big Hawg Diamond File
49560072	Hole Saw 35mm Ice Hardened
56-0402	Access Valve 1/8 BSP



# TESUCO

TECHNICAL SUPPLIES COMPANY

HOSPITALITY  
GAS SAFETY  
INDUSTRIAL  
SCIENTIFIC  
MEDICAL



## Quality Gas & HVAC-R Equipment

Tesuco provide a quality range of gas equipment for brazing, purging, pressure testing and leak detection that has been developed for, and to suit the HVAC-R industry.

**Developed for Specific Applications**  
Some products are specifically developed for specific HVAC-R applications.

**Highest Quality and Innovation**  
Leading the way in gas equipment since 1988.  
100% Australian owned and operated.

**Australian Standards**  
Equipment complies to all relevant Australian standards or International standards, where no Australian Standard covers the equipment.

**Be Assured**  
Tesuco has been quality assured to ISO 9001 since June 1996.  
Current certification 9001-2015.

Ask for Tesuco equipment for “PEACE OF MIND”!

tesuco.com.au

## SERVICE TOOLS AND ACCESSORIES (CONT'D)

### SERVICE ACCESS VALVES (CONT'D)

Part Number	Description
56-0404	Access Valve 1/4"BSPX1/4"MF
591014	Adaptor for Pressure Switch
SU-04&VCR	Access Fit 1/4 FL x 1/4 Tail & Core
A31720-101	Valve Access 2 Steps 1/4", 3/8"
BV12	CPS Ball Valve Yel. 1/2ACME
CD0099	C&D Oring 7/32 ID-11 / 320D
CD2060	C&D Core Depressor Large



# Welding and Brazing Equipment

## WELDING & BRAZING EQUIPMENT

Part Number	Description
BRHT1	CPS Brazing Torch
BRM1	CPS Brazing Mat
308160	Turbo Torch Extreme
OTS200	Turboset 200 Brazing Torch Kit
RI1SNI60	Nitrogen Regulator High Press Tesuco
308157	Air/Acet Kit
308693	Oxy/Acet Hose Kit 5M
308624	Oxy/Acet Hose Kit 15M
308889	Flashback Arrestor Oxy/Acet
308890	Flashback Arrestor Oxy/Acet
308832	Flint Lighter



## CYLINDER STORAGE

Part Number	Description
G1M	Bottlechock Bracket 2 X Single
G2M	Bottlechock Bracket 2 X Double
G1L	Bottlechock Bracket 2 X Single
G2L	Bottlechock Bracket 2 X Double
SJ-16692	Gas Bottle Safety Plug - Acetylene
SJ-16693	Gas Bottle Safety Plug - Oxygen

\*Refer to consumables for Solder, MappGas, Oxy etc.



## CORE CUTTERS

Part Number	Core Sizes	Description
PWCCSET-AN	60 & 85 mm	Core Cutter Set TCT
PWCCSET-AG	61 & 85 mm	Core Cutter Set TC Grit
PWCCSET-AD	62 & 85 mm	Core Cutter Set Diamond Tip



# Rapid Locking System

Part Number	Description
399011190501	Klauke 19TK5 19kn (with 5 Jaws)
399021191040	1/4 Jaw 19kn
399021191060	3/8 Jaw 19kn
399021191080	1/2 Jaw 19kn
399021191100	5/8 Jaw 19kn
399021191120	3/4 Jaw 19kn
399021191140	7/8 Jaw 19kn
399021191160	1 Jaw 19kn
399021191180	1-1/8 Jaw 19kn
399021191220	1-3/8 Jaw 19kn
Battery Kit	Battery 5.0AH x 2 & Charger



**FASTER AND EASIER | FLAME-FREE | PROVEN RELIABILITY**

## TOOL KIT WITH 5-JAW SET

PART NUMBER: 399011190501

### KIT INCLUDES:

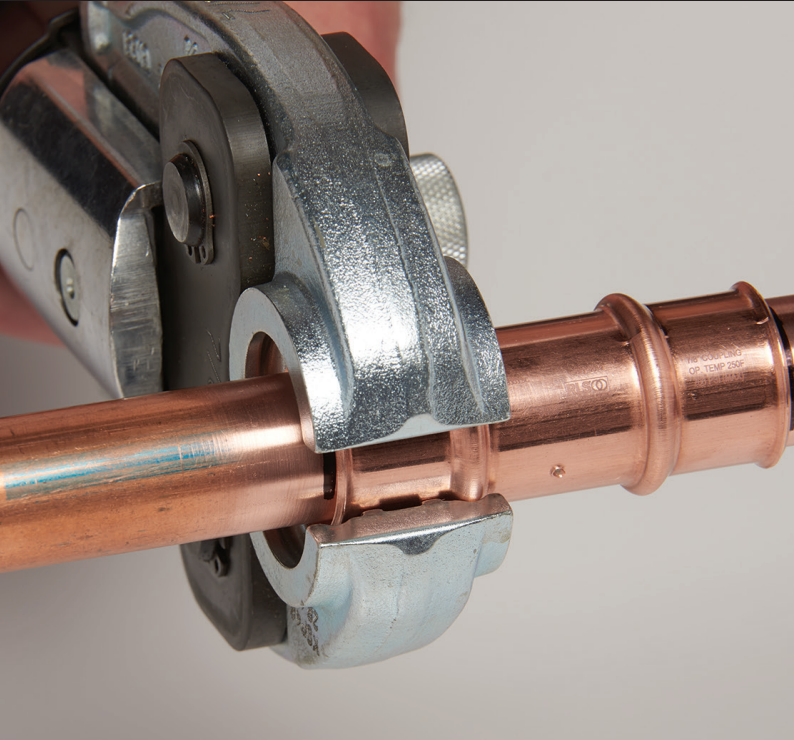
- RLS Case
- 19 kN RLS Klauke tool
- 3/8" Jaw
- 1/2" Jaw
- 5/8" Jaw
- 7/8" Jaw
- 1-1/8" Jaw
- Crimp Gauge
- Depth Gauge
- Abrasive Pad
- Tube Cutter



**PROUDLY MADE IN AMERICA** 

*Note: Makita batteries and battery charger sold separately*

# The proven solution for faster, easier, safer HVAC/R press connections.



**Look for  
the flare!**

*That's how  
you know it's  
for HVAC/R.*

If you're still brazing every HVAC/R joint, you're missing out on huge time and cost savings. RLS press fittings, formerly sold under the ZoomLock® brand, create permanent, reliable mechanical joints in just 10 seconds, letting you get in and out of jobs faster – and get more jobs done. Plus, no brazing means no gas and no nitrogen purging.

RLS press fittings are rated to 700 psi and are field proven, with millions installed since 2015. Flame-free connections are the future – especially with the increased use of flammable refrigerants. So don't get left behind! For more information, visit [rapidlockingsystem.com](http://rapidlockingsystem.com) or contact your nearest Kirby branch.

#### **RLS Advantages:**

- Connects in 10 seconds
- No gas or brazing materials
- No flame, no fire hazards
- No nitrogen purging
- Works in tight spaces
- Rated to 700 psi
- Millions of fittings installed
- Made in America



**Original. Patented. Proven.**

ZoomLock® is a registered trademark of Parker Intangibles LLC, which is a subsidiary of Parker-Hannifin Corporation.



[rapidlockingsystem.com](http://rapidlockingsystem.com)





# Consumables

# Welding & Brazing Consumables



## SILVER SOLDER & FLUX

Part Number	Description
W10001	Solder Silver 2% Yellow Tip
W10003	Solder Silver 5% Silver Tip
W10005	Solder Silver 15% Brown Tip
W10007	Solder Silver 45% Blue Tip
W10012	Solder Silver 56% White Tip
W11001	Flux Easiflow 250G

## WELDING & BRAZING

Part Number	Description
MAPPGAS	Mapp/Pro Gas 16 Oz Cylinder
OOB	Oxygen Cylinder Suit OTS200

# Oil & Acid Test Kits



## ACID DETECTION

Field Testing kit for measuring acid and moisture levels of refrigerant

Part Number	Description	Container Size
RT700K	heckmate Contamination Kit c/w- Brass Body & ext hose, 3 pack of each Test Tubes	-
RT750A	Checkmate Acid Detection Tube for Acid levels	3 Pack
RT751M	Checkmate Moisture Detection Tube for Purity	3 Pack
RT752C	Checkmate Oil Detection Tube for Contaminants	3 pack



## ACID TESTING

Part Number	Description	Container Size
TKO	Acid Test Kit For Mineral Oil	Each
ETK	Acid Test Kit For POE Oil	Each
16001	Highside Acid Test Kit	Each



## ACID NEUTRALIZER

To circulate throughout the system and chemically neutralize acids that are left in a system after a burnout

Part Number	Description	Container Size
45016	Rectorseal Acid-Away Pro	44ml



## MOISTURE DEHYDRANT

Liquid dehydrant for the control of moisture in refrigeration systems

Part Number	Description	Container Size
17001	Highside Thawzone	285 ml
973KIT	Cliplight Dry-R - Up to 17 kW	30 ml

## OIL TESTING

Part Number	Description
OILCHECKRA	Refrigerant Oil Test Kit

# Oil Conversion



## SUPER CHANGE - SYSTEM RETROFIT SOLUTION

SUPER CHANGE™ allows for a fast & easy conversion from R22, or any mineral/alkylbenzene oil system, to all HFC refrigerants, including POE-based R407C & R410A.

Part Number	Description	Container Size
981	Super Change R22 Retro	60 ml

# Cleaners

COIL CLEANER		
Part Number	Description	Container Size
RT300G	Viper Brite Coil Cleaner - Foaming - Must be Rinsed	4 Litre
RT350G	Viper Evap+ Coil Cleaner - Foaming - Self Rinse via Condensation	4 Litre
RT375A	Viper Coil Cleaner Foaming Aerosol - Food Grade for Cond/Evap	510 ml
RT390G	Viper Heavy Duty Coil Cleaner - Food Grade - Biodegradable - Self Rinse via Condensation	4 Litre
RT310V	Viper Coil Brightener Concentrate Venom Pack	975ml
RT320V	Viper Evaporator Cleaner Venom Pack	975ml
RT330V	Viper Condenser Cleaner Venom Pack	975ml
RT340V	Viper All-Purpose Cleaner Venom Pack	975ml
RT640A	Viper Coil Coating	432 Grams
AGECC1000	Enzyme Coil Cleaner - Removes Biofilm & Organic Material	1 Litre
AGECC200	Enzyme Coil Cleaner - Removes Biofilm & Organic Material	200 ml
AGOCC1000	Outdoor Coil Cleaner - Grease & Scale	1 Litre
AGOCC5000	Outdoor Coil Cleaner - Grease & Scale	5 Litre
AG-NCSC-5	New Coil & Surface Cleaner	5 Litre
AG-NCSC-20	New Coil & Surface Cleaner	20 Litre
AGOCC21000	Outdoor Coil Cleaner	1 Litre



SPRAY BOTTLES AND ACCESSORIES		
Part Number	Description	Container Size
SPRB001	Pump Spray bottle	4 Litre
TS-1	Trigger Spray	1 Litre
RT300S	Viper Foam Gun	
RT301S	Viper Foam Sprayer	1.5 Litre
RT7319	Viper Foam Gun Spare Part Deflector	
RT751BU	Viper Foam Gun Spare Part Pistol Grip	
RT7571GM	Viper Foam Gun Spare Part Foam Wand	
RT95HG24	Viper Foam Gun Spare Part Siphon Tube	
RT302F	Carbonex Foam Funnel	

CLEANING KITS AND BAGS	
Part Number	Description
82565	Desolv Cleaning Solution 3.78 Litre
82560	Desolv. Cleaning Kit
82562	Desolv. Replacement Bag
SCB	Split Cleaning Bag
CCB	Cassette Cleaning Bag



SURFACE CLEANERS AND DISINFECTANTS		
Part Number	Description	Container Size
AGSC1000	Surface Cleaner Spray	1 Litre
AGSC5000	Surface Cleaner	5 Litre
AGAA750	Aeris Active	750ml
AGAA5	Aeris Active	5 Litre
RT8952S	Viper Germicidal Disinfectant	750ml
RT8952	Viper Germicidal Disinfectant	5 Litre
RT8990	Viper Anti-Bacterial Hand Rub Sanitiser	5 Litre





**ICE MACHINE CLEANERS**

Part Number	Description	Container Size
AGIMC1000	Aeris Enzyme Ice Cream Machine Cleaner /Sanitiser	1 Litre
RT500G	Viper Ice machine Cleaner - Nickel Safe	3.78 Litre
RT500N	Viper Ice machine Cleaner - Nickel Safe	473 ml

**DEGREASERS**

Part Number	Description	Container Size
COILOX15L	Neutral Coil Cleaning Detergent	15 Litre



**CLEANING AND MAINTENANCE KITS**

Part Number	Description
RT300K	Viper Coil Clean Kit
	Includes:
	1 x Viper Foam Gun RT300S
	1 x Viper Brite RT300G
	1 x Viper Evap+ RT350G
RT380K	Viper Cleaning & Maintenance Kit
	Includes:
	1 x RT300S Viper Foam Gun
	1 x RT301S Viper 2-in-1 Foam Sprayer
	1 x RT310V Viper Brightener Venom Pack
	1 x RT320V Viper Evaporator Cleaner Venom Pack
	1 x RT330V Viper Condenser Cleaner Venom Pack
	1 x RT340V Viper All-Purpose Cleaner Venom Pack
	1 x RT8952S Viper Germicidal Hospital Grade Disinfectant
	10 x Cleaning & Maintenance Stickers

# VIPER CLEANING AND MAINTENANCE KIT

**Improving Asset Reliability and Technician Safety**

**MAXIMISE** cooling & airflow | **MAINTAIN** system reliability | **IMPROVE** air quality | **REMOVES** all contaminants

Over 136 litres of our finest!

**The faithful foamer**

Improves dilution ratios, increased cylinder capacity - 2.0 litres!

**The odour blaster**

**The all-rounder**

**The germ destroyer**

**The rejuvenator**

**The every-day-er**

**Kit Includes:**

- 1 x Viper Foam Gun
- 1 x Viper Foam Sprayer
- 1 x Viper Venom Pack concentrates
- 1 x Viper Germicidal H VACR Disinfectant
- 10 x Viper Maintenance stickers

**Product List:**

- Jet Nozzle
- Foam Nozzle
- 2-in-1 applicator
- Reliable sprayer
- Maximum Strength Venom Pack Condenser Cleaner
- Maximum Strength Venom Pack All-Purpose Cleaner
- Maximum Strength Venom Pack Brightener Cleaner
- Maximum Strength Venom Pack Evaporator Cleaner
- Germicidal Disinfectant
- Maintenance Stickers

**Hygiene & Preventative Maintenance**

10 x maintenance stickers

The kit was maintained by:

Product used:

- Disinfectant
- Evaporator Cleaner
- Condenser Cleaner
- All Purpose Cleaner
- Coil Cleaning
- Foam Gun
- Heavy Duty
- High Foaming
- Nickel Safe for Machine Cleaners
- Non-Acid
- Non-Rinse
- Long Capacity
- Long Shelf Life
- High Foaming
- Non-Acid
- Long Shelf Life
- Long Shelf Life

**Includes 10 x FREE**

Hygiene & Preventative Maintenance Stickers

# REGULAR MAINTENANCE IS THE NEW STANDARD



A regular and structured HVACR cleaning regime is much more cost-effective and far less disruptive than an unexpected system failure.

Although some badly contaminated coils might be rescued, owners of commercial and industrial buildings are quickly realising the value of structured coil cleaning programs that also reduce energy costs while improving air quality and hygiene.

Visit [SuperCool.com.au](http://SuperCool.com.au) or scan the QR code to download the full Viper Product Catalogue.



## VIPER COIL CLEANER

Coil Cleaner and Degreaser



## VIPER HEAVY DUTY

Coil Cleaner & Degreaser



## VIPER CONDENSER CLEANER

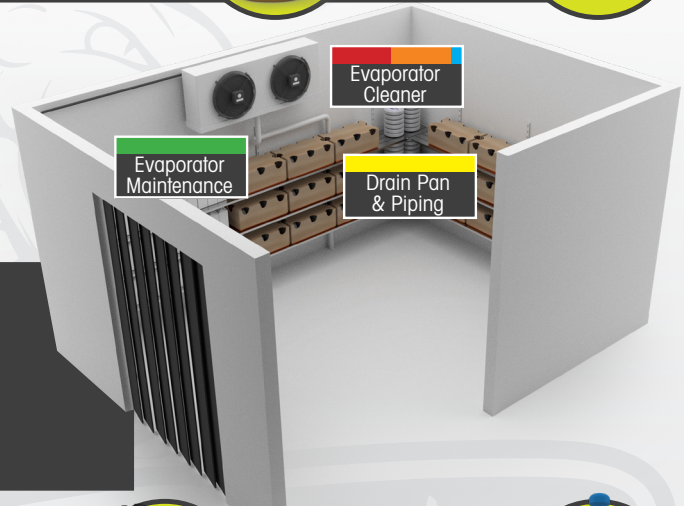


## VIPER EVAP+

Coil Cleaner & Deodoriser



## VIPER EVAPORATOR CLEANER



# PREVENTATIVE HYGIENE



Cleaning, disinfecting, degreasing, any hard surfaces or component



## VIPER APPLICATORS

Suitable for all Viper coil and surface cleaners and disinfectants



## VIPER GERMICIDAL DISINFECTANT

Hard Surface Spray Disinfectant



## VIPER PAN & DRAIN

Cleaner & Blockage Prevention



## VIPER ALL PURPOSE CLEANER

Advanced Spray and Wipe Cleaner and Degreaser



All Viper products are environmentally safe, approved for use around food and come from sustainable sources.



Technical Support: 1800 628 133

Proudly supplied by:

# Treatments



COIL TREATMENT		
Part Number	Description	Container Size
AGCT200	Aeris Bioactive Treatment - Indoor Coils	200 ml
AGCT5000	Aeris Bioactive Treatment - Indoor Coils	5 Litre



FILTER TREATMENT		
Part Number	Description	Container Size
AGSC5003	Aeris Bioactive Filter Treatment	5 Litre



SURFACE TREATMENT		
Part Number	Description	Container Size
AGST400	Aeris Bioactive Surface Treatment (Aerosol)	400 Grams
AGST5000	Aeris Bioactive Surface Treatment	5 Litre



WATER TREATMENT		
Part Number	Description	Container Size
EDC-M	Sterile Care Easy Dose Cartridge - Mini	1
EDC-L	Sterile Care Easy Dose Cartridge - Large	1
AGDTSLIM10	Aeris Slimline Drip Tray Tablets	10 pack
AGDTS5	Aeris Small Drip Tray Tablets	5 Pack
AGDTL5	Aeris Large Drip Tray Tablets	5 Pack
RT800S	Viper Clean & Clear Condensate Treatment - Spray Applicator	0.95 Litre
AC-03	Sauermann Gel Clear Micro Tablets	6 Pack
AHU60	Sauermann Gel Clear Heavy Duty Tablet	1 Pack
FC22	Sauermann Gel Clear Condensate Drain Tablet	1 Pack
SPS193T1	Sauermann Gel Clear Single Tablet	1 Pack
SPS193T10	Sauermann Gel Clear Sleeve	10 Pack
SPS193T108	Sauermann Gel Clear Sleeve	108 Pack
TGS18	Sauermann Gel Clear Green Condensate Strip	1 Pack
61053	Aspen - PurCool Condensate Pan Tablets	200 Pack



# Indoor Air Quality



Part Number	Description	Container Size
STA300AERO	Safe-T-Air Aerosol - Water Based Tea Tree Oil	300 Grams
STA500GM	Safe-T-Air Water Based Tea Tree Oil	500 Grams
STA1KG	Safe-T-Air Water Based Tea Tree Oil	1 Kg
STA2KG	Safe-T-Air Water Based Tea Tree Oil	2 Kg
FAS-1	Sterile Care Fresh Air Sponge	500 ml
FAS-4	Sterile Care Fresh Air Sponge	2 Litre
CA	Sterile Care Clean Air Aerosol	250 Grams

# Protectants

Part Number	Description	Container Size
KK400	Kirby Koil Kote Spray Can (Mineral Based)	400 Grams
K111-20L*	Kirby Koil Kote (Water Based)	20 litre
CRC2085	CRC Zinc it (Aerosol)	350 Grams
AGCP5000	Aeris Corrosion Protect - Blue	5 Litre
01-09-00024	Aeris Corrosion Protect - Clear	5 Litre
AGCP350	Aeris Maintenance Corrosion Protection (Aerosol) Blue	350 Grams
AGCP350C	Aeris Maintenance Corrosion Protection (Aerosol) Clear	350 Grams
AGRH15	Aeris Range Hood Coating	15 Kg
ACT201	Action Gel Surface Prep	500 ml
ACT509	Action Clear Aerosol	350 Grams
ACT511	Action Clear Pot	500 ml

\*POA - Please contact Kirby for pricing & delivery availability



# Flushing Solvents

Part Number	Description	Container Size
PRO FLUSH 5 LT	Flushing Solvent	5 Litre
PRO FLUSH 20LT	Flushing Solvent	20 Litre



# Filler Foam

Part Number	Description	Container Size
023KLD125	Two Part Polyurethane Pouring Foam	1.25 Kg
023KLD25	Two Part Polyurethane Pouring Foam	2 Kg
023KLD5	Two Part Polyurethane Pouring Foam	5 Kg
023KLD10	Two Part Polyurethane Pouring Foam	10 Kg
30610110	Bostik Expanda Foam - Aerosol	500 ml
30610226	Bostik Expanda Foam - Aerosol	750 ml
30840484	Bostik Expanda Foam - Fire Rated (Aerosol)	750 ml



# Leak Detectors

LIQUID LEAK DETECTORS		
Part Number	DESCRIPTION	Container Size
RT100G	Viper - Big Blu Leak Detector (Bulk Container)	3.785 Litre
RT100S	Viper - Big Blu Leak Detector (Bulk Container)	1 Litre
RT150S	Viper - Big Blu Leak Detector - Sub Zero Spray Trigger	1 Litre
RT175B	Viper - Big Blue Leak Detector - Brush On Applicator	225 ml
ATW	ATW Gas Leak Detecta - Spray Trigger	400 ml



## LEAK DETECTORS (CONT'D)

### UV LEAK DETECTORS



Part Number	Description	Container Size
UVUD	CPS Moonshine Universal Dye	237 ml
481032	Spectroline Glo-Away Dye Cleaner	900 ml
UV101	CPS Moonshine UV Dye-Stick Cartridge - Up To 1.3Kg Of Refrigerant	Each
UV1	CPS Moonshine UV Dye-Stick Cartridge - 1.4 to 2.2Kg Of Refrigerant	Each
UVS101 **	CPS Moonshine UV Dye Squeeze Cartridge - Up To 1.3Kg Of Refrigerant	6 Pack
UVS1 **	CPS Moonshine UV Dye Squeeze Cartridge - 1.4 to 2.2Kg Of Refrigerant	6 Pack
UVS2 **	CPS Moonshine UV Dye Squeeze Cartridge - 2.3Kg To 4.5Kg Of Refrigerant	6 Pack
UVS3 **	CPS Moonshine UV Dye Squeeze Cartridge - 4.6Kg To 11.4Kg Of Refrigerant	6 Pack
UV55	CPS Moonshine Squeeze Gun Injector - UV Dye Cartridge	Each
980	Cliplight Flash High Resolution UV Dye- Canister Mist Application 17kw System	4 ml
DTD250	Sauermann Gel-Clear UV Drain Dye (Squeeze Bottle Applicator)	25 ml

\*\*Squeeze cartridges are for use with UV55 Squeeze Gun Injector

## Tapes, Sealants and Adhesives

### DUCT TAPE (SINGLE ROLL)

Part Number	Description	Colour
204E-BLACK	Niito Duct Tape 48mm x 30m	Black
204E-SILVER	Niito Duct Tape 48mm x 30m	Grey
204E-WHITE	Niito Duct Tape 48mm x 30m	White

### ELECTRICAL TAPE (SINGLE ROLL)

Part Number	Description	Colour
288EFR-BLACK	Niito Flame Retardant Electrical Tape 18mm x 20m	Black
288EFR-BLUE	Niito Flame Retardant Electrical Tape 18mm x 20m	Blue
288EFR-G/Y	Niito Flame Retardant Electrical Tape 18mm x 20m	Green / Yellow
288EFR-RED	Niito Flame Retardant Electrical Tape 18mm x 20m	Red
288EFR-WHITE	Niito Flame Retardant Electrical Tape 18mm x 20m	White

### ALUMINIUM FOIL TAPE (SINGLE ROLL)

Part Number	Description	Colour
915290025	Aluminium Foil Tape - Fibreglass Reinforced - Flame Retardent 25mm x 50m	Silver
915290050	Aluminium Foil Tape - Fibreglass Reinforced - Flame Retardent 48mm x 50m	Silver
915290075	Aluminium Foil Tape - Fibreglass Reinforced - Flame Retardent 72mm x 50m	Silver
FOILTAPESHNY48	Aluminium Foil Tape - Bright Finish 48mm x 45m	Silver - Bright
FOILTAPE48	Aluminium Reinforced Foil Tape 48mm x 50m	Silver
FOILTAPE72	Aluminium Reinforced Foil Tape 72mm x 45m	Silver

### CORK TAPE

Part Number	Description	Colour
SS-101	Teddington Cork Tape 50mm x 8.5m Self Adhering Application	Black
PT1	Parker Presstite Cork Tape 50mm x 9m Self Adhering Application	Black



EMERY TAPE		
Part Number	Description	Colour
A22016	Emery Tape - Grit P120 @ 25mm wide (sold per meter length)	Maroon



THREAD TAPE		
Part Number	Description	Colour
L600031	Teflon PTFE Gas Seal Tape - Suit Refrigerants & Gases	Yellow
4605000012	Teflon Thread Seal Tape - General Purpose	White



THREAD SEALERS		
Part Number	Description	Container Size
10001	Leak Lock Flex Sealer	39 ml
RT200R	Nylog Red - use with Mineral Oil - CFC or HCFC Systems	30 ml
RT201B	Nylog Blue - Use with POE/PVE Oil - HFO and CO2 Systems	30 ml
27750	Loctite 277 Threadlock - High strength for permanent locking	50 ml
51531	Loctite 515 Gasket Seal Eliminator - General purpose	50 ml
56747	Loctite 567 Thread Seal Low Cure up to 76mm thread	50 ml
21302	Loctite 243 ThreadLocker medium strength up to M20thread size	10 ml
26220	Loctite 262 ThreadLocker medium strength up to M27thread size	10 ml



LEAK SEAL		
Part Number	Description	Size
944KIT	Super Seal Hvacr Sealant Kit Medium Systems 5kw to 17kw	89 ml
946KIT	Super Seal Pro Mobile Systems R12/R134a/R1234yf	45 ml
947KIT	Super Seal Acr Sealant Kit Small Systems Upto 5kw	30 ml
948KIT	Super Seal Commercial Sealant Large Systems 17kw+	89 ml
OPV2013C1	CPS Optima Leak stop	42 ml
OPV21013C	CPS Optima Leak Fix	42ml
20122	Cliplight HVACR Injection Hose	-
45308	Rectorseal AC Leak Freeze With UV MiniSplit (Single Use)	15ml
45318	Rectorseal AC Leak Freeze With UV (Single Use)	44ml
45315	Rectorseal AC Leak Freeze Pro	43ml
45317	Rectorseal AC Leak Freeze Pro With Magic Frost (Single Use)	44ml



SEALANT		
Part Number	Description	Size
30601510	Bostik Duct Sealant Cartridge	280 ml
30840066	Bostik Firecaulk Fire Rated Sealant Cartridge	280 ml



SILICONE		
Part Number	Description	Colour
266434	Bostik Silicone Cartridge 300 grams	Neutral / Clear
267716	Bostik Silicone Cartridge 300 grams	Black
269131	Bostik Silicone Cartridge 300 grams	White
269158	Bostik Silicone Cartridge 300 grams	Grey



HEAT TRANSFER		
Part Number	Description	Colour
42951	Bostik Heat Transfer Sealer Cartridge 460 grams	Grey



## TAPE, SEALANTS AND ADHESIVES (CONT'D)

### MASTIC

Part Number	Description	Colour
170526	Bostik Coolroom Mastic Cartridge 450 grams	White



### PERMAGUM

Part Number	Description	Colour
A heavy duty sealing compound to protect openings and seams, copper tube and hose entries against air, moisture and loss of insulating efficiency.		
PP-22	Permagum Sealing Compound (Slug) 910 grams	Off White



### PUTTY

Part Number	Description	Colour
5505	Plastic Putty 5 kg Container	Neutral

### ADHESIVES

Part Number	Description	Size
KADH500ML	Insulation Adhesive c/w - Brush	500 ml
KADH1L	Insulation Adhesive	1 Litre
SUPAGLUE	General Purpose Supa-Glue 3ml (2pk)	Neutral / Clear



# General Consumables

## MIXED CONSUMABLES

Part Number	Description	Size
BRUSH	Varnish Brush	1"
BRUSHV212	Paint Brush	2-1/2"
CV150B-25	Nylon Tie	150mm
CV250B-25	Nylon Tie	250mm
CV300B-25	Nylon Tie	300mm
SAM19BK/K	Cable Tie Mounts Stick On	Pk10
SAM25BK/K	Cable Tie Mounts Stick On	Pk10
CTB5BK	Cable Tie Mount Screw On	Pk100
CT1530BK-HD	Nylon Cable Tie 1530 x 9 mm	Each
RAGS	Bag Of Rags	1.2 Kg
RT600S	Viper Dyna Wipes (Hand Wipes)	80 wipes



## SERVICE LUBRICANTS

Part Number	Description	Container Size
OG6012	Oil Spray- Mineral Oil (Aerosol)	200 grams
WD40	Lubricant	300 grams
INOX	Lubricant Inox	300 grams
MO98	Supco Telespout Oiler	115 ml
RT910T	Silicone Grease Tube - Food Grade	85 grams



## COMPONENT HEAT TRANSFER PROTECTION

To be used to protect components from heat damage

Part Number	Description	Container Size
11509	Heat Dissipating Cool-Gel	947 ml
11513	Heat Dissapating Gel Small	473 ml
RT400P	Viper Wet Rag Putty	340 grams
RT410S	Viper Heat Blocking Gel	1 Litre



## TORCHES AND BATTERIES

Part Number	Description	Pack Size
908	Battery Mallory 6V Lantern	1
MN1300B2	Battery Duracell Alk D Size	2
MN1400B2	Battery Duracell Alk C Size	2
MN1500B4	Battery Duracell Alk AA	4
MN1604B	Battery Duracell Alk 9V	1
MN2400B4	Battery Duracell Alk AAA	4
EIMFL360	Extendable Magnetic Flashlight	1
24-458	Magnetic Pivot LED Light	1
108MK4YE	Eveready Dolphin Torch	1
QN01190	12 VOLT BATTERY PACK	1



For Material Safety Data Sheets visit [www.KirbyHVACR.com.au](http://www.KirbyHVACR.com.au) and follow the links





# Locations, Terms and Conditions

# Locations

## Head Office

Beijer Ref Support Centre  
2 Kirby Place, Bankstown Aerodrome NSW 2200  
Locked Bag 63, Wetherill Park NSW 1851  
P: 02 9774 7155 E: info@kirbyhvacr.com.au

## NSW METROPOLITAN

**Artarmon** 02 9906 7674  
2/22 Waltham Street, Artarmon NSW 2064

**Bankstown Flagship Store** 02 9774 7380  
2 Kirby Place, Bankstown Aerodrome NSW 2200

**Brookvale** 02 9939 5153  
8A/42-46 Wattle Road, Brookvale NSW 2100

**Caringbah** 02 9567 7011  
33 Cawarra Road, Caringbah NSW 2229

**Castle Hill** 02 8850 3055  
1/8 Gladstone Road, Castle Hill NSW 2154

**Narellan** 02 4648 1533  
3/14-16 Exchange Parade, Narellan NSW 2567

**Padstow** 02 9709 4822  
36 Gibson Avenue, Padstow NSW 2211

**Penrith** 02 4722 3780  
5/12 Robertson Place, Jamisontown NSW 2750

**Pemulwuy** 02 9896 2700  
26/2-4 Picrite Close, Pemulwuy NSW 2145

**Silverwater** 02 8737 7400  
1/106-110 Beaconsfield St, Silverwater NSW 2128

**Waterloo** 02 9667 4711  
6/207-229 Young Street, Waterloo NSW 2017

## NSW REGIONAL

**Albury** 02 6040 0143  
2/23A Catherine Crescent, Lavington NSW 2641

**Canberra** 02 6239 1570  
6/19 Tennant Street, Fyshwick ACT 2609

**Coffs Harbour** 02 6651 3390  
5/84-90 Industrial Drive, North Boambee, NSW 2450

**Dubbo** 02 6837 1150  
2/5 Douglas Mawson Road, Dubbo NSW 2830

**Lismore** 02 6622 2272  
2/36-38 Wyrallah Road, Lismore NSW 2480

**Newcastle** 02 4956 2722  
14 Kings Road, New Lambton NSW 2305

**Orange** 02 6362 8849  
2-3/243 McLachlan Street, Orange NSW 2800

**Port Macquarie** 02 6581 4040  
1/50 Jindalee Road, Port Macquarie NSW 2444

**Tamworth** 02 6765 2566  
1 Avro Street, Tamworth NSW 2340

**Tuggerah** 02 4353 3218  
4/22 Reliance Drive, Tuggerah NSW 2259

**Wagga Wagga** 02 6921 1259  
3/91 Copland St, East Wagga Wagga NSW 2650

**Wollongong** 02 4229 1313  
4/103-107 Auburn Street, Wollongong NSW 2500

## QLD METRO, GOLD COAST & SUNSHINE COAST

**Bowen Hills** 07 3256 2120  
2/276 Abbotsford Road, Bowen Hills QLD 4006

**Brendale** 07 3881 0070  
118/193 South Pine Road, Brendale QLD 4500

**Burleigh Heads** 07 5593 6027  
1/22 Hutchinson Street, Burleigh Heads QLD 4220

**Gold Coast** 07 5591 8188  
1/2 Olympic Circuit, Southport Qld 4215

**Maroochydore** 07 5479 4599  
10A Kelly Court, Maroochydore QLD 4558

**Moorooka** 07 3848 0641  
11/115 Muriel Avenue, Moorooka QLD 4105

**Morningside** 07 3902 9400  
373 Thynne Road, Morningside QLD 4170

**North Lakes** 07 3480 5367  
2-3/4 Wills Street, North Lakes QLD 4509

**Underwood** 07 3808 0300  
3/74 Perrin Drive, Underwood QLD 4119

## QLD REGIONAL

**Bundaberg** 07 4335 6680  
4 Mary Street, Bundaberg QLD 4670

**Cairns** 07 4035 4300  
88-90 Buchan Street, Cairns QLD 4870

**Emerald** 07 4910 7710  
2/13 Cottonview Road, Emerald QLD 4720

**Mackay** 07 4957 7772  
2/Lawson Street, Mackay QLD 4740

**Rockhampton** 07 4922 9066  
147 Kent Street, Rockhampton QLD 4700

**Toowoomba** 07 4639 7900  
3/2 Prescott Street, Toowoomba QLD 4350

**Townsville** 07 4775 1800  
7/25 Keane Street, Currajong QLD 4812

## NT

**Alice Springs (A)** 08 8953 4277  
1/8 Fogarty Street, Alice Springs NT 0870

**Darwin** 08 8984 3840  
19 Albatross Street, Winnellie NT 0820

## TAS

**Hobart** 03 6272 0055  
2 Linear Court, Derwent Park TAS 7009

**Launceston** 03 6334 6969  
2/225 Wellington Street, Launceston TAS 7250

## VIC METROPOLITAN

**Bayswater** 03 9720 1906  
21/49 Corporate Boulevard, Bayswater VIC 3153

**Dandenong** 03 9799 5900  
2/355-365 South Gippsland Highway,  
Dandenong South VIC 3175

**Keilor Park** 03 9336 1205  
7/1-9 Thomsons Road, Keilor Park VIC 3042

**Moorabbin** 03 9532 2284  
24 Kilpa Road, Moorabbin VIC 3189

**Preston** 03 9480 0321  
18 Ovando Street, Preston VIC 3072

**Sunshine West** 03 8353 2140  
573 Somerville Road, Sunshine West, VIC 3020

**West Melbourne** 03 9328 3044  
60-80 Adderley Street, West Melbourne VIC 3003

## VIC REGIONAL

**Geelong West** 03 5248 4533  
2&3, 38 Autumn Street, Geelong West VIC 3218

**Mildura (A)** 03 5021 1855  
337 Ettiwanda Avenue, Mildura VIC 3500

**Shepparton (A)** 03 5821 3669  
15 Campbell Street, Shepparton VIC 3630

**Traralgon** 03 5174 6403  
4/13 Standing Drive, Traralgon VIC 3844

## SA

**Brompton** 08 8354 0100  
23 Chief Street, Brompton SA 5007

**Lonsdale** 08 8326 4726  
2/41-47 O'Sullivan Beach Road, Lonsdale SA 5160

**Mt. Gambier (A)** 08 8723 0922  
5 Scott Court, Mt Gambier SA 5290

**Port Lincoln (A)** 08 8683 0707  
1 Thomas Court, Port Lincoln SA 5606

**Wingfield** 08 8260 2255  
159-161 Cormack Road, Wingfield SA 5013

## WA

**Gnangara** 08 6401 6331  
4/28 Supreme Loop, Gnangara WA 6077

**Jandakot** 08 9478 5033  
1/45 Biscayne Way, Jandakot WA 6164

**Osborne Park** 08 9244 5033  
19 Howe Street, Osborne Park WA 6017

## KIRBY – TERMS AND CONDITIONS OF SALE

Thank you for choosing Kirby. These Conditions set out the terms applying to your purchases of goods and services from Kirby, and credit terms where applicable.

### 1 Application of these Conditions of Sale

- 1.1 These Conditions form a binding contract for the sale and/or hire of goods and associated services by Kirby HVAC&R Pty Ltd (ABN 42 624 910 041) (Kirby, us) or another Kirby group company to you as the Customer.
- 1.2 The Conditions incorporate other documents we provide or make available on our website, such as warranties, order forms, quotes, brochures, product descriptions and price lists.
- 1.3 Kirby may amend or vary these Conditions and any other part of the Agreement by updating them on the Kirby website. If you reasonably believe, and we reasonably accept, that a variation has a material adverse effect on you, you may cancel any current or prospective orders or services, without penalty.
- 1.4 These Conditions apply to all goods and services ordered by you and provided by Kirby whether through a printed or online order, a quotation, oral acceptance by Kirby of repeat or future orders, or another format made available by Kirby.

### 2 Price & Payment

- 2.1 The price payable by you for goods and services and associated items such as freight, delivery and installation shall be as notified from time to time by Kirby, including (without limitation) on our website, in our price lists or as quoted or advised by Kirby upon receipt of an order for goods or services from the Customer. In the absence of specific prices, the prices published on the Kirby Smart@ccess Website at the time of delivery shall apply.
- 2.2 Quotations are usually valid for 30 days unless stated otherwise, after which they may be subject to change without notice. Kirby may at any time alter its price in respect of future orders.
- 2.3 Kirby can change pricing without further notification (excluding quotes). We will endeavour to notify our customers of pricing changes. Notification may occur after prices have changed.
- 2.4 If during a validity period or between the date of the Order from the Customer and delivery of the Goods, there is an increase in the cost of supplying the goods due to reasons beyond Kirby's control, then Kirby will be entitled to increase the price of the goods accordingly.
- 2.5 You must pay the full price (plus GST) for goods and services, without deduction, set-off or counterclaim immediately on receipt of a valid tax invoice at the time of delivery of the goods and services, except when you complete and Kirby has approved the Commercial Credit Application section of the Kirby Customer Application Form, in which case you shall have 30 days from the invoice date to pay.
- 2.6 If you do not use your Kirby credit account for more than 12 months, or Kirby reviews your credit status for any reason, the credit account may be deactivated.
- 2.7 In the event that the Customer fails to pay amounts owing in full by the due date:
  - (a) Kirby may at its option require cash on delivery and/or stop the supply of any further goods or services to the Customer, for a period or ongoing; and
  - (b) the Customer shall pay to Kirby interest calculated daily at a rate 3% higher than the National Australia Bank's overdraft rate for amounts exceeding \$100,000, from time to time, from the date the payment is due until such monies are paid in full.
- 2.8 The Customer agrees that a tax invoice from Kirby is binding and conclusive, except in the event of manifest error.
- 2.9 Kirby makes discounts and rebates available from time to time. Kirby may cancel or suspend credit availability, discounts or rebates, in the event that the Customer fails to comply with any of these Conditions.

### 3 Application for Credit

- 3.1 In the process of becoming a Customer of Kirby or at any time thereafter, you may apply to have Kirby supply goods and services to you on credit, by completing the Commercial Credit Application section of the application form, or otherwise as advised by Kirby.
- 3.2 Kirby may accept or reject the credit application, for the amount applied for or a different amount, in its absolute discretion and will advise you of its decision.
- 3.3 Kirby may approve the credit application, or at any time the continuing availability of credit, subject to conditions advised to the Customer, which may include the provision of a guarantee in favour of Kirby from a third party on terms acceptable to Kirby. A supply by Kirby of goods or services on credit is not a representation that such conditions do not apply or will not apply at a later date.
- 3.4 You acknowledge and agree that Kirby may exchange information about you (including personal information) that relates to credit provision or these Conditions, with credit reporting agencies such as Equifax or Creditor Watch, which have their own privacy policies.

## 4 Orders

- 4.1 Kirby shall have no obligation to accept any order that you submit.
- 4.2 Each order is a representation that you are solvent and able to pay for the order when payment is due;
- 4.3 Orders are binding on the Customer. From the time of placing the order, you are obliged to accept and pay for the goods and services ordered, and cancellation of an order is not effective unless with Kirby's express consent;
- 4.4 Kirby shall use its reasonable endeavours to ensure that advertised goods and services are available and provided to you when requested, but shall not be liable for any loss or damage caused by any unavailability or delay. You are not entitled to reject the goods or services due to any delay.
- 4.5 The Customer shall indemnify Kirby for any loss, damage, or expense incurred by Kirby should the Customer cancel or refuse to accept or pay for any order or part of any order.
- 4.6 The Customer acknowledges that if the Customer places an order for goods or services that are not offered by Kirby as standard, Kirby may require the Customer to pay a non-refundable deposit of up to 50%.

## 5 Delivery

- 5.1 If Kirby accepts an order including delivery of goods, it will arrange delivery at its discretion, at the Customer's cost and risk in all things, and use reasonable endeavours to meet any target delivery date, but has no liability for any delay, failure, or inability to deliver, or for any direct or consequential loss, claim, cost or damage to any property of the Customer or third parties including in particular any food or product loss.
- 5.2 Where Kirby is unable to complete a delivery due to an act or omission of the Customer, Kirby may impose an additional charge for frustrated delivery to cover Kirby's reasonable additional costs.
- 5.3 Kirby may make part deliveries of any order, and this shall not invalidate or vary the Customer's order. If Kirby only delivers part of the goods which are ordered by the Customer, Kirby may invoice the Customer for those goods delivered.
- 5.4 The Customer shall notify Kirby in writing of any defect or shortages in quantity of any goods within seven (7) days of delivery or taking possession, and after that time the Customer will not be entitled to make any claim on Kirby relating to defects or shortages.
- 5.5 If the Customer requests Proof of Delivery ("POD") in writing to Kirby:
  - (a) within 120 days of the despatch date of the goods, the POD will be supplied by Kirby free of charge; and
  - (b) beyond 120 days of the despatch date of the goods, Kirby will charge a reasonable administration fee.
- 5.6 In the event that Kirby agrees to accept return of any goods for credit, other than where the return is due to Kirby's breach of these Conditions or of an applicable warranty, Kirby will not be responsible for transport costs and will at its discretion, charge a re-stocking fee not greater than 25% of the price.

## 6 Retention Of Title and Security

- 6.1 Title and risk in the goods shall pass to the Customer on the Customer taking possession or delivery but the equitable title in the goods shall not pass to the Customer until full payment is received by Kirby for the goods and any associated services.
- 6.2 The Customer shall in all cases be responsible for the payment of any insurance in respect of the goods from the time of taking possession or delivery. In the event that Kirby contracts for any such insurance the Customer shall reimburse the associated costs to Kirby.
- 6.3 Whilst Kirby retains the equitable title in the goods:
  - (a) the Customer may sell or deal in the ordinary course of business with the goods and with the interest of Kirby in the goods and may for those purposes part with possession of the goods, but always subject to the equitable title (and in the case of goods not purchased by the Customer, the full legal title) of Kirby. The proceeds of any such sale or dealing must be held by the Customer separately on trust for Kirby and appropriated solely for the payment of all sums owing to Kirby;
  - (b) the Customer shall ensure that the goods are clearly identifiable as the property of Kirby wherever the goods are located; and
  - (c) other than as permitted by clause (a), the Customer must not charge the goods in any way nor grant nor otherwise give any interest in the goods.
- 6.4 The Customer hereby irrevocably gives to Kirby, its agents and servants, leave and licence without the necessity of giving any notice, to enter on and into any premises occupied by the Customer to search for and remove any of the goods to exercise Kirby's rights and title under these Conditions and at law, without in any way being liable to the Customer or any person or company claiming through the Customer, and if the goods or any of them are wholly or partially attached to or incorporated in premises or any other goods, Kirby may sever the attachment in any way whatsoever as may be necessary to remove the goods. If the Customer parts with possession of the goods as permitted by clause 6.3(a), the Customer must procure the same rights for Kirby in respect of the premises at which the goods are located.
- 6.5 The Customer will be responsible for Kirby's costs and expenses in exercising its rights under clause 6.4.
- 6.6 The Customer agrees that where the goods have been retaken into the possession of Kirby, Kirby has the absolute right to sell or deal with the goods, and if necessary sell the goods with the trademark or name of the Customer on those goods, and the Customer grants an irrevocable licence to Kirby to do so and do all things necessary to sell the goods bearing the name of trademark of the Customer.



- 6.7 Kirby may suspend or terminate the availability of credit in the event of any breach of these Conditions by Customer. Until full payment is received by Kirby the Customer shall be deemed to be a bailee of the goods for and on behalf of Kirby and Kirby shall be entitled to all the rights and remedies of a bailor.

## **7 Interaction With Gas2Go Club Membership Conditions**

- 7.1 Kirby may offer a Customer membership of its Gas2Go Club, which entitles members to participate in Kirby's Gas2Go gas management system. Where the Customer is a member of the Gas2Go Club the Customer acknowledges that it is also bound by the Gas2Go Membership Conditions. To the extent of any inconsistency between the Gas2Go Membership Conditions and these Conditions, the Gas2Go Membership Conditions shall prevail.

## **8 PPSA**

- 8.1 In this clause, PPSA means the Personal Property Securities Act 2009 (Cth); PPSR means the Personal Property Securities Register established pursuant to the PPSA; and Security Interest means an interest in personal property, and includes any interest of Kirby which the PPSA treats as a security interest whether or not the transaction concerned, in substance, secures payment or performance of an obligation.
- 8.2 The Customer grants to Kirby a Security Interest in goods supplied by Kirby to the Customer in which Kirby has a legal or equitable interest under these Conditions, and the proceeds of sale of such goods, for the purposes of the PPSA. If the Customer parts with possession of the goods as permitted by clause 5.3(a), the Customer must procure for Kirby the same rights in respect of the goods.
- 8.3 The Customer consents to Kirby registering any Security Interest on the PPSR and agrees to provide all assistance required by Kirby to facilitate this.
- 8.4 The Customer agrees that in relation to goods that are inventory, the Customer will not allow any Security Interest other than Kirby's to arise unless Kirby has perfected its Security Interest prior to the Customer's possession of the goods.
- 8.5 If Chapter 4 of the PPSA applies to the enforcement of the Security Interest arising under or in connection with these Conditions, the Customer agrees:
- (a) to the extent that section 115(1) of the PPSA allows this, the following provisions of the PPSA will not apply to the enforcement of that Security Interest: section 95 to the extent that it requires Kirby to give a notice to the Customer, section 96, section 121(4), section 125 (obligation to dispose of or retain collateral), section 130 to the extent that it requires the Secured Party to give notice to the Customer, paragraph 132(3)(d), subsection 132(4), section 142 and section 143 (reinstatement of security agreement); and
  - (b) to the extent that section 115(7) of the PPSA allows this, the following provisions of the PPSA will not apply to the enforcement of that Security Interest: section 127, section 129(2) and (3), section 132, section 134(2), section 135, section 136(3), (4) and (5) and section 137.
- 8.6 If the Customer makes payment to Kirby at any time whether in connection with these Conditions or otherwise, Kirby may, at its absolute discretion, apply that payment in any manner it sees fit.
- 8.7 The Customer agrees to immediately notify Kirby of any changes to its name or address (as specified in these Conditions).
- 8.8 The Customer agrees to do anything Kirby requests the Customer to do (such as obtaining consents, signing and producing documents, producing receipts and getting documents completed and signed):
- (a) to provide more effective security over the Secured Property;
  - (b) to register in respect of a Security Interest constituted by these Conditions at anytime;
  - (c) to enable Kirby to exercise its rights in connection with the Secured Property; and
  - (d) to show Kirby whether the Customer has complied with these Conditions.
- 8.9 The Customer shall pay on demand by Kirby any losses arising from, and any costs and expenses incurred in connection with, any action taken by Kirby under or in relation to the PPSA, including any registration, or any response to an amendment, demand or a request under section 275 of the PPSA.
- 8.10 The Customer waives the right to receive any notice under the PPSA (including notice of a verification statement) unless the notice is required by the PPSA and cannot be excluded.
- 8.11 Other than as required by law, each party agrees not to disclose information of the kind mentioned in section 275(1) of the PPSA, except in the circumstances required by sections 275(7)(b) to (e) of the PPSA. The Customer agrees that it will only authorise the disclosure of information under section 275(7)(c) or request information under section 275(7)(d), if Kirby approves.

## **9 Customer's Warranty**

- 9.1 The Customer warrants and agrees that the Customer is acquiring the goods for other than personal, domestic, household use or consumption and is therefore not a "consumer" for the purposes of the Competition and Consumer Act 2010(Cth).
- 9.2 The Customer warrants and agrees that in deciding to purchase goods or services from Kirby, it has not relied on any representation from Kirby, as to their fitness for the Customer's purpose or otherwise, nor on any description or illustration or specification contained in any document produced by Kirby.

## 10 Exclusion Of Liability, Indemnity And Warranty

- 10.1 Except as provided by the Competition and Consumer Act 2010 (Cth) or as expressly set out in these Conditions, Kirby makes no warranties or other representations concerning goods or services supplied.
- 10.2 To the extent Kirby incurs liability under the Competition and Consumer Act 2010 (Cth) that cannot be excluded, the liability is limited to, as the Customer's exclusive remedy, at Kirby's discretion:
- (a) the replacement of the goods or the supply of equivalent goods; or
  - (b) the repair of the goods; or
  - (c) the payment of the cost of replacing the goods or of acquiring equivalent goods; or
  - (d) the payment of the cost of having the goods repaired.
- 10.3 Subject to this clause 10 and to the extent permitted by law, Kirby shall not be liable for any loss or damage to the Customer (including any consequential loss or damage, third party claims, loss of profits and loss of revenue) of any kind whatsoever even if due to the negligence of Kirby, its employees and/or agents.
- 10.4 The Customer shall indemnify Kirby against any action, suit, demand, proceeding, loss, damage, cost and/or expense directly or indirectly incurred or suffered by Kirby that is caused by or contributed to by any of the following:
- (a) any defect, malfunction or stoppage of the goods caused or contributed to by the Customer;
  - (b) Kirby complying with any instruction of the Customer about the goods;
  - (c) any act or omission of the Customer or a third party occurring after the goods have left the control of Kirby;
  - (d) failure by the Customer, or any third party associated with the Customer, to:
    - (i) adequately provide or display safety markings or safety information on or with the goods;
    - (ii) comply with any law about the goods or their use (for example, their sale, marketing, labelling or marking);
    - (iii) take any reasonable precaution to bring to the attention of any potential users of the goods any dangers associated with goods;
    - (iv) take any reasonable precaution to detect any matters in relation to which Kirby may become liable in any way (for example, under the CCA);
    - (v) provide correct information to Kirby; or
    - (vi) immediately advise Kirby (in writing) of any changes to the information provided to Kirby.
  - (e) the Customer making any statement about the goods (for example, about their performance or characteristics) without Kirby's approval;
  - (f) the use (or misuse) or operation of the goods by the Customer or any third party; and
  - (g) any negligence or breach of duty by the Customer or any third party or any breach by the Customer of these Conditions.
- 10.5 If during a period of 12 months from the date of invoice of goods any goods manufactured or supplied by Kirby are found upon inspection by Kirby to be defective in design, material or workmanship under normal use and service and when properly installed, connected and commissioned, Kirby will supply exchange replacement goods or part(s) free of charge to the Customer.
- 10.6 Any warranty given by Kirby in these Conditions may vary depending on the goods supplied, with such variation to be notified in writing by Kirby, on the relevant brochure, or in Kirby's general warranty conditions available on the website [www.kirbyhvacr.com.au](http://www.kirbyhvacr.com.au).

## 11 Cylinder Hire

- 11.1 In this clause, Cylinder means the gas cylinder which may be supplied to the Customer upon purchase of any Gas2Go® or other goods and includes Stillages and other cylinder transportation devices; and Stillage means the stillage or metal pallet which may be supplied to the Customer upon purchase of any Gas2Go® or other goods.
- 11.2 Unless otherwise agreed in writing, the Customer must pay a periodic charge and associated charges, including for refill protection devices or cylinder valve cap replacement, for the hire of a Cylinder as set out in the Cylinder Service Rate Charge Schedule, available upon request from any Kirby branch or by contacting Kirby via its website.
- 11.3 The period of hire shall commence on the date of delivery or collection and cease on the date upon which the Cylinder(s) are returned to Kirby.
- 11.4 The Cylinder service charge covers the provision by Kirby of services associated with the Cylinders, including but not limited to, cost of tracking, inspecting the Cylinder prior to filling, periodic testing and routine maintenance of the Cylinder (painting and labelling).
- 11.5 The Customer must, at its own cost, return all Cylinders to Kirby or its authorised agent at their premises as soon as they are empty. Cylinders are not deemed 'returned' until received by Kirby (or its authorised agent) and Kirby provides to the Customer a written receipt in Kirby's printed format, acknowledging the Cylinder's return.
- 11.6 On receipt of each invoice including Cylinder charges, the Customer is required to verify the total number of Cylinders held that is shown on the face of the invoice. Where there is any discrepancy written notification must be forwarded to Kirby within 14 days of receipt of the invoice, failing which the

number of Cylinders stated as being held by the Customer on the invoice shall be conclusive and the Customer will be liable to Kirby for the amount shown on the invoice.

- 11.7 Kirby may charge a deposit upon supply of the Cylinder to the Customer on terms satisfactory to Kirby having regard to the nature of the transaction with the Customer. Once the Cylinder(s) are returned to Kirby in a clean, safe and serviceable condition, Kirby will refund the deposit (or appropriate part thereof) to the Customer.
- 11.8 The Customer may hire out or deal in the ordinary course of business with a Cylinder and may part with possession of the Cylinder, but always subject to the full title of Kirby. Kirby will have the right to charge reasonable fees for transport and administration associated with the collection of any Cylinders from the Customer.
- 11.9 Cylinders remain the property of Kirby (or its supplier) and the Customer shall be a bailee of any Cylinders and shall not sell, offer for sale, mortgage, charge, or create any lien or encumbrance over the Cylinders.
- 11.10 The Customer shall not repair, modify, tamper with, or contaminate Cylinders and shall not permit the Cylinders to be filled by anyone other than Kirby or Kirby's representatives or agents.
- 11.11 Customer shall be responsible for the safe use and storage of all Cylinders and Stillages and shall not use the Cylinders and Stillages for any other purpose other than as a container for gas sold or transportation of a container for gas sold by Kirby.
- 11.12 The Customer shall be responsible for any loss or damage to the Cylinder.  
Compensation shall be at Kirby's current replacement cost for a Cylinder as set out in the Cylinder Service Rate Charge Schedule and as varied from time to time by Kirby to reflect the current Cylinder replacement value with such revision notified on an invoice.
- 11.13 A Cylinder will be deemed lost if the Customer reports that a Cylinder is lost to Kirby or the Cylinder has not been returned within 12 months after the Cylinder was supplied to the Customer, whichever is earlier.
- 11.14 Kirby will invoice the Customer for the replacement cost of a lost Cylinder. If the cylinder is returned in good order within 6 months after the loss, the replacement cost amount paid by the Customer will be refunded less the applicable charges for the Cylinder for the extended period. If the Cylinder is returned 6 months or more after the date of the loss no refund of the replacement cost charged will be issued.

## 12 Proper Law And Compliance

- 12.1 These Conditions shall be governed by the laws of the State of New South Wales and the parties submit to the non-exclusive jurisdiction of the Courts of that State.
- 12.2 The Customer shall comply with all applicable laws and regulations, such as the US Foreign Corrupt Practices Act, the Criminal Code Act 1995 (Cth) and Criminal Code Amendment (Theft, Fraud, Bribery and related Offences) Act 200 (Cth) and all export control laws of Australia, New Zealand, the United States and any other applicable destination and hereby indemnifies and hold harmless Kirby, its directors, officers, servants and agents from any liability arising from the Customer's failure to comply with such laws. The Customer must obtain and maintain all applicable licenses during the term of these Conditions.

## 13 Additional Costs, Taxes, Etc.

- 13.1 If any duties, taxes, rates or other impost shall be levied in respect of any purchase of goods or hire of the Cylinders, the Customer shall pay such amount in addition to the price (plus GST).
- 13.2 In the event that the Customer shall specifically order Kirby to acquire goods or components from any foreign source the price (plus GST) payable by the Customer may be increased by Kirby at any time whether before or after delivery and despite any quotation that may have been given by Kirby to the Customer to compensate Kirby for any exchange loss which may have occurred as a result of the fall in value of Australian currency as against the relevant foreign currency during the period from the date of the order to the date of the payment.

## 14 Default

- 14.1 The Customer shall be in default under these Conditions, where:
- (a) the Customer fails for any reason to pay any moneys due to Kirby as and when they fall due; or
  - (b) the Customer fails to perform or observe any of its obligations under these Conditions; or
  - (c) the Customer exceeds the limit of any credit account with Kirby; or
  - (d) the Customer suspends payment of its debts or is presumed to be insolvent within the meaning of the Corporations Act 2001 (Cth) or enters or proposes to enter into any arrangement scheme or composition with its creditors or ceases or threatens to cease carrying on business or is wound up or suffers the appointment of any external administration.
- 14.2 In the event of default by the Customer, the Customer must indemnify Kirby's legal costs, fees, charges, expenses and outgoings on a solicitor and own client basis flowing from the default.

**15 Capacity**

- 15.1 If the Customer enters into these Conditions as the trustee of a trust, the Customer must inform Kirby of this and provide any further information on request, and the Customer warrants to Kirby that the Customer:
- (a) enters into this agreement in both its capacity as trustee and in its personal capacity;
  - (b) has the right to be indemnified out of trust assets; and
  - (c) will not retire as trustee of the trust or appoint any new or additional trustee without advising Kirby.
- 15.2 If the Customer consists of more than one legal person, including if the Customer enters into these Conditions as a partner, the Customer warrants that each Customer agrees to the entry into these Conditions and that all Customers are jointly and severally bound by these Conditions, and remain so until the Customer requests that a Customer be no longer bound, and Kirby so agrees, such agreement not to be unreasonably withheld.
- 15.3 If the Customer enters into these Conditions as a corporation, the Customer warrants that it is duly registered as an Australian corporate entity, it is compliant and up to date with its notification obligations under the Corporations Act 2001, and there is nothing in its documents of incorporation or otherwise that prevents it entering into and carrying out its obligations under these Conditions.

**16 Privacy**

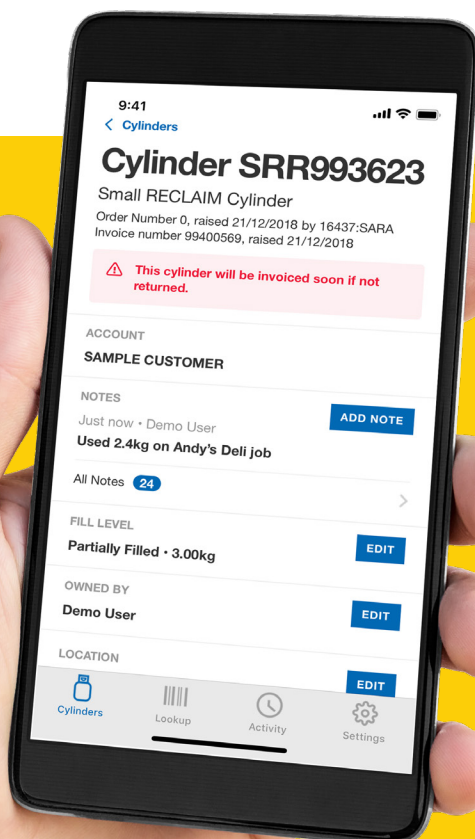
- 16.1 The Customer agrees to Kirby collecting, using and disclosing personal information of the Customer and persons associated with the Customer for the purposes set out in these Conditions and in Kirby's Privacy Policy and Privacy Collection Notice, available on the Kirby website. Kirby agrees to comply with the Privacy Act 1988 (Cth) and our Privacy Policy and Privacy Collection Notice.

**17 General Provisions**

- 17.1 Customer restructure - The Customer must notify Kirby in writing of any change in its structure or management including any change in director(s), shareholder, or change of management within 4 business days of the date of such change.
- 17.2 Severability - Any part of these Conditions being a whole or part of a clause shall be capable of severance without affecting any other part of these Conditions.
- 17.3 Waiver - A single or partial exercise or waiver of a right relating to these Conditions will not prevent any other exercise of that right or any other right.
- 17.4 SmartAccess Service – Kirby offers the Customer access to the Kirby Smart@ccess Website, on the basis of the information you provided in the completed Application Form, and subject to compliance with the Kirby Online Customer Service Facility Terms of Use available on the Kirby website as amended from time to time, which form part of these Conditions.
- 17.5 Intellectual Property - No right or licence is granted to the Customer under any patent, copyright, register design, know-how or other intellectual property rights except the right to use or resell the goods. If the goods incorporate any design or specification of the Customer, Kirby shall not be liable for any infringement of any intellectual property rights caused by the goods or their use or sale by the Customer.
- 17.6 Unless otherwise agreed in writing, Kirby shall manufacture and/or supply the goods in accordance with its own specification and standards and using parts and manufacturing processes and techniques solely at its own discretion.

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- Convenient online ordering
- Order ahead and pick-up from a branch
- View your net pricing
- Detailed product information
- Check stock availability
- Gas2Go® cylinder management
- Cylinder management visibility & reports
- Manage your Coolcard™ users
- Heat load calculator
- Project quoting tools
- View and access your invoices
- View and access your statements
- Make secure payments online

**KIRBY ONLINE CUSTOMER SERVICE FACILITY  
TERMS OF USE****1. Your agreement with us**

**1.1** By using or accessing the Kirby Online Customer Service Facility, including ordering goods ("Service") provided on the website [www.kirbyhvacr.com.au](http://www.kirbyhvacr.com.au) ("Website"), you agree to be bound by the terms and conditions set out below ("Terms of Use").

**1.2** In these Terms of Use, a reference to "we", "us", "our" and "Kirby" means Kirby HVAC&R Pty Ltd. (ABN 42 624 910 041).

**1.3** In these Terms of Use, supply of the Service to:

**(a)** Australian customers will be described as the "Australian Service".

**1.4** A reference to "you" or "your" in these Terms of Use is a reference to Kirby customers who have been provided with secure login details (in the form of an account number and password) to access, review or use the Service.

**1.5** Except to the extent that these Terms of Use apply or as required by law, your use of this Service and receipt of any information from us does not create any legal relationship between you and us.

**2. What the Service does**

**2.1** The purpose of our Service is to provide an online customer self-service portal, enabling you, as a Kirby customer, to login to the Service and:

**(a)** place an order for goods offered by Kirby ("Product") for collection by you from the selected branch;

**(b)** view your net pricing of Products;

**(c)** check Product availability;

**(d)** view the Kirby online Product catalogue;

**(e)** produce heatload calculations and Product selections;

**(f)** view your account information;

**(g)** view your invoices (for up to 120 days);

**(h)** view your statements (for up to 12 months);

**(i)** view your gas statements (for up to 12 months);

**(j)** pay your invoices online;

**(k)** track and manage your refrigerant cylinders;

**(l)** access pricing; and

**(m)** as the Primary Account Holder, to create multiple user accounts (User Accounts), by adding additional users to your account with their own unique password and defined level of access.

For further information regarding the Primary Account Holder please refer to clause 4.

**3. Use of this Website and Access**

**3.1** You may access our Website and our Service at any time, unless we have restricted access in order to perform necessary maintenance, updates or upgrades. Your ability to access our Website and our Service will otherwise depend on factors out of our control and we do not take or share any responsibility for those factors such as the quality of your internet connection and the state of your hardware.

**3.2** Through our Website, you may view, cache, browse, display, print or download a copy of any content featured on our Website to your computer, provided that you:

**(a)** use it for personal use only and not for any purposes that are commercial, unlawful or may prejudice the reputation or interests of Kirby;

**(b)** keep your account username and password secure. You must not share your password with any person. You may only use your own account, and must not use or access any other person's account, except where you have been authorised by the initial account holder as an additional user;

**(c)** do not hide, deface, alter or delete any copyright symbol, trade mark or other proprietary rights notice;

**(d)** do not use or access our Website in a manner or for a purpose contrary to the law;

**(e)** do not hack into, change or otherwise knowingly transmit a virus or otherwise damage our Website or any information contained within it;

**(f)** do not link it to another website; and

**(g)** do not breach any other terms of these Terms of Use, or our terms and conditions of sale and hire ("Sale Terms", a copy of which is available at <http://www.kirbyhvacr.com.au/terms-and-conditions>, or our Privacy Policy which both appear on our Website.

**4. Placing an Order**

**a.** You may place an order for a Product through the Website. Each order placed by you and accepted by Kirby is a binding agreement between you and Kirby for the supply of the Products specified in that order on these terms of use and the Sale Terms.

**b.** To the extent that there is any inconsistency existing between:

**i.** the Sale Terms; and

**ii.** these Terms of Use, then the document listed earlier in this clause 4(b) prevails to the extent of the inconsistency. Your placing of an order for Products constitutes an acceptance by you of the supply by Kirby of such Products solely on these Terms of Use and the Sale Terms.

**c.** The Terms of Use that apply at the time you place an order will apply to an existing order that has been accepted by us. Kirby may vary these Terms of Use for future orders.

**d.** Except as set out in these Terms of Use, you will be required to pay Kirby for the Products ordered in accordance with the Sale Terms.

**5. Cancellation of Orders**

**a.** Kirby may cancel an order (including any orders that Kirby has accepted) or any part of an order without any liability to you for that cancellation at any time if:

**i.** the Products that you order are not available;

**ii.** there is an error in the price or Product description posted on the Website for that Product in that order; or

**iii.** Kirby reasonably believes your order has been placed in breach of these Terms of Use, the Sale Terms or the Agreement.

**c.** If an order has been canceled pursuant to clauses 5(a)(i) or 5(a)(ii), Kirby will not charge you any fees and charges for the canceled order.

**6. Responsibilities of the Primary Account Holder**

**6.1** The Primary Account Holder must apply manually for use of our Service and will be the signatory on all applications. The Primary Account Holder is a person authorised by their company to grant access to other staff members within their company to their account information. The Primary Account Holder may create multiple User Accounts for these staff members with separate login details and restricted access to only some areas of the portal.

**6.2** The Primary Account Holder is responsible for the deletion of any User Accounts created, and must delete the User Account if the staff member leaves the company. Kirby takes no responsibility for the level of access granted to the staff members, or for the deletion of these User Accounts.

**6.3 a.** You must ensure that your login identification details and password that are used to access the Website and the details of your account are kept in a safe and secure manner.

**b.** You must notify Kirby if you are or become aware that there is or has been an unauthorised use of your login identification details and password or account, or any other security breach relating to your account.

**c.** You must promptly advise Kirby of any changes to your information provided to Kirby as part of the customer registration process.

**d.** You are responsible for any costs associated with your access to or use of the Website, including internet access fees.

**e.** You are responsible and liable for any person that uses your login identification details and password or account including without limitation to order Product(s) through the Website.

**f.** You agree that, subject to clause 6.3(b), Kirby may charge you for all Products that Kirby agrees to supply to you that have been ordered using your login identification details or account and password through the Website.

**7. Technical Information and Security**

**7.1** The transmission of data over the internet is not always secure. Although we endeavour to secure our Website, we are not liable for any breaches of security and you use our Website entirely at your own risk.

**7.2** We do not warrant that the functions available on our Website will be uninterrupted or error free, or free of viruses or programming bugs or interferences due to factors outside our control.

**7.3** Your ability to access our Website will depend on factors out of our control and we do not take any responsibility or provide any warranties that this Website will be accessible through all web browsers or that it will be accessible at all times.

**7.4** You acknowledge that it is your responsibility to implement sufficient procedures and virus checks (including anti-virus and other security checks) to satisfy your particular requirements for the accuracy of data input and output.

**8. Payment**

**8.1** The accepted methods of payment on our Website are Visa and MasterCard only. Payment made by either of these methods will incur a surcharge to the customer of 1.65% plus GST.

**8.2** For further details regarding payment or our refunds policies, please refer to our Sale Terms which may be accessed from the following link: <http://www.kirbyhvacr.com.au/terms-and-conditions>.

**9. Intellectual Property**

**9.1** Our Website contains intellectual property including trademarks, confidential information and copyright, together with any goodwill or reputation and intellectual property rights subsisting in those things.

**9.2** You should assume that all intellectual property on our Website is owned by Kirby or third parties and unless permitted by law, you must not copy, reproduce, transmit, display or otherwise distribute any of that intellectual property in whole or in part without our prior written consent.

**10. Suspension or Termination of Access**

**10.1** We reserve the right to suspend or terminate your account or access to our Website or our Service at our sole discretion if we believe that you have breached any of these Terms of Use.

**10.2** When that happens, we will endeavour to notify you of the breach and ways in which you can remedy it.

**11. Disclaimers**

**11.1** While we endeavour to ensure the accuracy and completeness of the information contained on our Website, that information may contain errors and omissions and is liable to change. We make no warranties and accept no responsibility for any loss or damage you may suffer as a result of your reliance on any of the material on our Website (including any as to the quality, accuracy, completeness or fitness for any particular purpose of such material).

**11.2** Except to the extent required by law, the contents of our Website are provided without any express or implied representations or warranties. We exclude all implied conditions and warranties relating to the content of our Website to the extent permitted by law.

**11.3** In the case of the Australian Service, where liability cannot be excluded any liability incurred by us in relation to the use of our Website or its contents is limited as provided under the Competition and Consumer Act 2010 (Cth).

**11.4** To the maximum extent permitted by law:

**(a)** you agree that Kirby and its committee of management, officers, employees, agents, contractors, service providers, successors or assigns will not be liable for any direct or indirect loss or damage, whatsoever (including through negligence) arising out of, or in any way related to, the use of our Website;

**(b)** subject to clause 11.1, under no circumstances will we be liable for any incidental, direct, indirect, consequential, special, punitive or other losses, damages, liabilities, claims or expenses you or others may suffer including damages for loss of profits, loss of opportunity, business interruption or loss or corruption of data or information from the use of our Website;

**(c)** we are not responsible to you or anyone else for any loss suffered in connection with the use of our Website, any of its contents, for any loss incurred as a result of damage to your or another person's computer system or the transmission of any computer viruses; and

**(d)** you indemnify and agree to keep us indemnified against any loss or damage or costs incurred by us in connection with your breach of these Terms of Use or of any other legal obligation by you or your use of or conduct on our Website or our Service.

**12. Privacy Policy**

**12.1** Our compliance with privacy legislation is set out in our separate Privacy Policy which may be accessed from the following link: <http://www.kirbyhvacr.com.au/kirby-privacy-policy>

**13. General**

**13.1** These Terms of Use are in addition to, and not in derogation of, any other terms or conditions that appear elsewhere on our Website, including our Sale Terms which may be accessed from the following link: <http://www.kirbyhvacr.com.au/kirby-privacy-policy> and must be interpreted accordingly.

**13.2** These Terms of Use may be varied from time to time, and this may occur without notice to you. When these Terms of Use are updated, we will endeavour to provide notice to you on our Website, prior to you logging in to access our Service. Please ensure that you review these Terms of Use regularly as you will be deemed to have accepted a variation if you continue to use our Website or our Service after a variation to the Terms of Use has been posted.

**13.3** If any part of these Terms of Use is determined to be illegal, invalid or otherwise unenforceable or void, that part shall be severed to the extent necessary and the remainder of these Terms of Use shall continue in full force and effect.

**13.4** No waiver of any breach of these Terms of Use will be construed as a waiver of any other breach of these Terms of Use.

**13.5** In the case of the Australian Service:

**(a)** the information on this Website is provided for Australian users (accessing the Website both in Australia and outside of Australia) and visitors to Australia (foreign person's accessing the Website whilst within Australia but only to the extent that they remain in Australia) only; and **(b)** the Terms of Use shall be governed by the laws of the State of New South Wales and the parties submit to the non-exclusive jurisdiction of the Courts of that State.



# Customer Satisfaction is Our Priority

Kirby has a dedicated team in place to deliver results for our customers in every region of Australia.

Our access to global brands is unrivalled, being supported by our parent company Beijer Ref AB. From our Australian support centre and global manufacturing facilities to our local distribution centres and wholesale branch network, every employee is committed to the long-term success of Kirby.

Customer satisfaction is what drives us.

Our employees operate in a cohesive team environment with a sense of integrity, pride and accountability. Our organisation takes pride in honouring our commitments and delivering on the promises we make to our customers delivered in line with our company values.

Committed, Engaged, Straightforward, United



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