

Revised 24/5/2023

QTY	General Hand Tools	Model/size/part no	Supplier / Sponsor	Final
1	Set of screwdrivers flat and cross head		Competitor	#
1	Insulated standard pliers - long nosed and short		Competitor	#
1	Side cutters for cable		Competitor	#
1	Wire stripper / crimper		Competitor	#
1	Hacksaw	300mm/12" 24tpi	Competitor	#
1	Jokari wire stripper 8mm to 28mm (not essential)	10270	Competitor	#
2	Adjustable spanners for up to 3/4-inch pipe nut	5/8", 3/4", 1/2", 1/4"	Competitor	#
1	Refrigeration service ratchet wrench	Mastercool 70081	Competitor	#
1	Tape measure	3mtr	Competitor	#
1	Fixed rule	300mm	Competitor	#
1	Adjustable Combination Set square	300mm	Competitor	#
1	Pen and Pencil (plus spare)		Competitor	#
1	Spirit Level	150mm long	Competitor	#
1	Hammer		Competitor	#
1	Centre punch		Competitor	#
1	Mesh cleaning pad for pipework		Competitor	#
1	Battery drill 9v or 14v	12mm chuck	Competitor	#
1	High Speed Steel drill bits	1mm to 10mm (3/8 ")	Competitor	#
1	CoolGel heat dissipator		Competition / Advanced Eng	#
1	Heat proof matt		Competition	#
1	Safety Spark Ignitor	Rothenburger 907JF	Competition	#
1	Leak spray	easyfind	Competition / Advanced Eng	#

QTY	Electrical Equipment and Test Instruments	Model/size/part no	Supplier / Sponsor		Final
1	Multi meter with digital thermometer & K type sensor	Fieldpiece SC440	Competition		#
1	Wireless 4 port Service manifold with micron gauge and temperature clamps	Fieldpiece SMAN460	Competition		#
1	Anemometer (air vane type) with thermometer		Competition		#
1	Remote monitoring kit (job-link) mobile application	mobile download	Competitor		#
1	Dry bulb / Wet Bulb thermometer		Competition		#
1	Surface temperature probe	K type connector	Competition		#
1	Electronic leak detector	Fieldpiece	Competition		#
1	Refrigerant weigh scales (digital)	Fieldpiece SRS3	Competition		#
1	Vacuum Pump	Robinair 3cfm, 240v	Competition / Advanced Eng		#
1	Recovery unit for R410A & R513A	Promax 240v	Competition / Advanced Eng		#
1	240v extension cable	3mtr	Competition		#

QTY	Refrigeration tools & equipment		Supplier		Final
4	Hoses for service manifold including recovery unit	1/4" SAE,	Competitor		#
1	Hose for evacuation	3/8" SAE	Competitor		#
1	Refrigerant cylinder (bottle) adapter to 1/4" hose		Competition		#
1	Copper pipe benders for 1/4" , 3/8", 1/2"	Imperial 370 FH triple head 180°	Competition / Diversitech		#
1	Copper pipe flare & swage tool (2 in 1)	Javac 1/2", 3/8" and 1/4"	Competition / Javac		#
1	Rotary copper tube cutters	1/4" to 5/8 "	Competitor		#
1	Solenoid magnetic Lifter	10mm & 15mm	Competitor		#
2	R410A safe seal refrigerant hose lines	5/16"	Competition / Fujitsu		#
1	R410A brass refrigerant adaptor for charging hose	5/16" SAE to 1/4" SAE	Competition / Fujitsu		#

QTY	Gases and special tools & equipment	Model/size/part no	Supplier / Sponsor	Final
1	Nitrogen regulator	Javac GA750 (0-50bar)	Competition / Javac	#
1	Nitrogen purge tool	Diversitech DP1	Competition / Diversitech	#
1	Oxyturbo 1000 flame brazing set	OxyTurbo 1000	Competition / Advanced Eng	#
1	Oxygen 930ml &	Oxygen 930 ml	Competition / Advanced Eng	#
1	Maxigas 630ml cylinders	Maxigas 630 ml	Competition / Advanced Eng	#
1	Flux Powder	Easy-flo	Competition	#
2	Silver Alloy 5% Ag content	Silver-Flo	Competition	#
1	Silver alloy 45% Ag content	Silver-Flo	Competition	#
5	Copper Alloy 0.8%Ag content	Rolot S2	Competition / Lawton Tubes	#
1	Nitrogen cylinder (oxygen free)	10ltr	Competition / Climalife	#
1	R513A Virgin refrigerant	10kg	Competition / Climalife	#
1	R513A Refrigerant receiver	13kg	Competition / Climalife	#
1	R410A Refrigerant receiver	13kg	Competition / Climalife	#
1	R410A Virgin refrigerant	5kg	Competition / Climalife	#

Refer to competition risk assessment.

QTY	Personal Protective Equipment	Model/size/part no	Supplier / Sponsor	Final
1	Goggles / Safety Glasses (suitable for refrigerant handling)		Competitor	#
1	Tinted Safety Glasses (suitable for flame brazing)		Competitor	#
1	Gloves (suitable for refrigerant handling)		Competitor	#
1	Gloves (suitable for flame brazing) soft suede gauntlet	Ultima Gold	Competitor	#
1	Safety footwear		Competitor	#
1	Coveralls (for refrigerant handling & flame brazing)		Competitor	#
1	Dust max (for silver brazing with flux)		Competitor	#