

**Manchester Community College
HVAC Tool/Supply List**

Recommended Tools	110	112	115	120	122	135	212	214	222	224
Steel toed leather boots	x	x	x	x	x	x	x	x	x	x
Safety glasses	x	x	x	x	x	x	x	x	x	x
Leather work gloves		x			x		x		x	
Electrical clamp meter (Recommend UEI model 389)	x			x	x		x	x	x	x
Tubing cutter								x		x
Air cond. wrench (4-way wrench)		x			x		x		x	
4-way manifold gauges w/ ball valve enviro. hoses (non 410 gauges)		x			x		x		x	
25ft measuring tape		x	x		x	x	x	x	x	x
8" adjustable wrench		x			x		x		x	
10" adjustable wrench		x			x		x		x	
Wire stripper/cutter/crimper (Klein or equivalent)	x			x	x		x	x	x	x
Lineman's pliers	x	x		x	x		x	x	x	x
Long nose pliers	x	x		x	x		x	x	x	x
Diagonal cutters	x	x		x	x		x	x	x	x
Combination wrench set - 5/16" - 1" (Ratchet type recommended)		x	x		x	x	x	x	x	x
1 1/8" combination wrench		x			x		x	x	x	x
Nut driver set - 1/4" - 1/2"		x	x		x	x	x	x	x	x
12" pipe wrench						x		x		x
10" end pipe wrench						x		x		x
T or L shaped long allen wrench set		x	x		x	x	x	x	x	x
Sheet metal Snips (Left, right, straight)								x		x
Turbo torch tip A-3								x		x
Flashlight		x	x		x	x	x	x	x	x
Philips screwdrivers - #1 and #2	x	x	x	x	x	x	x	x	x	x
Flat tip screwdrivers -3/32" and 1/4"	x	x	x	x	x	x	x	x	x	x
Utility knife								x		x
Flint striker/lighter		x			x		x	x	x	x
Tool bag	x	x	x	x	x	x	x	x	x	x

Recommend Purchasing Tools with Lifetime Warranty

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12" insulated electrical testing jumpers			x	x	x		x	x	x	x
8" tongue and groove pliers						x		x		x
10" tongue and groove pliers						x		x		x
mini tubing cutter							x	x	x	x
Turbo torch tip A-11		x			x		x		x	
Manifold gauge set for 410a							x		x	
Optional tools:										
Hacksaw										
Flaring and swaging tool										
Fuel oil test kit (in-line pressure and Vacuum)										
Digital combustion analyzer										
Nozzle wrench										

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