



**Plumbing, Heating and Air  
Conditioning Tool List**

HAYS  
Campus  
2021-2022

Following are the required tools for the **Plumbing, Heating and Air Conditioning (PHAC)** program. These tools can be purchased from the vendor of your choice. All tools are to be of the finest quality. Tools will be inspected prior to being used in the department. The department reserves the right to refuse the use of worn or defective tools or tools which do not conform to the specifications of this list and the department chairperson.

**Required Tools and Equipment:**

<b>Qty</b>	<b>Item</b>	<b><u>Milwaukee</u> Part No.</b>	<b><u>Hilmor</u> Part No.</b>	<b><u>Malco</u> Part No.</b>	<b><u>Ridgid</u></b>	<b><u>Other</u> Brand</b>
1	FORK METER HVAC/R	MIL-2206-20				
1	FLIP OPEN UTILITY KNIFE	MIL-48-22-1901				
1	PEX & TUBING CUTTER	MIL-48-22-4200				
1	25' COMPACT MAGNETIC TAPE MEASUR	MIL-48-22-0125				
1	LEVEL9MAGNETIC TORP	EMPLEV.EM 81.9				
1	Smooth Face Hammer	MIL-48-22-9316				
1	SHOCKWAVE Titanium Drill Bit Set - 15PC	MIL-48-89-4630				
1	BIT KIT FLAT BORING 8 PC	MIL-49-22-0175				
1	12 PC Plumber's Large Diameter Hole Saw Kit	MIL-49-22-4142				
1	M18 FUEL 2-TOOL COMBO KIT	MIL-2997-22				
1	M18 FUEL Hackzall (Tool Only)	MIL-2719-20				
1	SHOCKWAVE÷ Impact Duty Drill & Drive Set - 40PC	MIL-48-32-4006				

1	AW12 12 INCH ADJUSTABLE WRENCH		HLM-1885422			
1	FC10 10 INCH FORGED CRIMPING TOOL		HLM-1885429			
1	WS6 6 INCH WIRE STRIPPER		HLM-1885427			
1	AW8 8 INCH ADJUSTABLE WRENCH		HLM-1885370			
1	BKB BACKPACK BAG 1839080		HLM-1839080			
1	HSM7PC 3" SHAFT 7 PC MAG ND SET		HLM-1839065			
1	SERVICE WRENCH 1/4 X 3/16 SQ 3/8 X 5/16 SQ		HLM-1839043			
1	SERVICE WRENCH HEX KEY ADAPTER		HLM-1839046			
1	SDPS PRECISION SCREWDRIVER SET		HLM-1891089			
1	8 INCH LONG NOSE PLIER		HLM-1885398			
1	2PC 6" SHAFT 2 PC MAG ND SET		HLM-1839074			
1	9IN1SV HVAC MULTI TOOL 9 IN 1		HLM-1839053			
1	MTS STUBBY MULTI TOOL		HLM-1891351			
1	8 INCH DIAGONAL CUTTING PLIE		HLM-1885363			
1	HEX KEY BALL END SET .050" TO 3/8"		HLM-1839049			
1	HEX KEY BALL END 1.5MM TO 10MM		HLM-1937816			
1	#2 PHILLIPS TIP RD SH 4"		HLM-1891392			
1	1/4" SQ SH KEYSTONE TIP 4"		HLM-1891352			
1	10" QUICK ADJ TON/GRVE PLIER		HLM-1890997			
1	12" QUICK ADJ TON/GRVE PLIER		HLM-1890998			
1	4-VALVE ALUMINUM MANIFOLD W/HOSES		HLM-1839130			

1	DEBURRING TOOL			MAL-R308		
1	LEFT OFFSET CUT/M2000			MAL-M2006		
1	RIGHT OFFSET CUT/M2000			MAL-M2007		
1	HSF-180 18" PVC PIPE HND SAW					Lenox LNX-20980
1	150 TUBING CUTTER				RIDG-31622	
1	WRENCH, E12 RIDGID END HD				RIDG-31065	
1	WRENCH, E14 RIDGID END HD				RIDG-31070	
1	CUTTER, 101 TUBING				RIDG-40617	
1	WRENCH, EZ CHANGE FAUCET-TRAD				RIDG-57003	
1	STATIC PRESSURE TEST KIT MANOMETER					UEI EM201SPKIT
2	NEED QUICK COUPLER SHUT OFF					JUSTBETTER-33112N
1	TORCH ADJ FLAME					WOR-331785
1	NEMESIS CLEAR SAFETY GLASSES					HT.5166277

**Estimated Cost:**

From Western Supply Company Hays: \$2,616.43

**Note: Estimated costs reflect current market value and are subject to change.**

**Vendor Information:**

Tools may be purchased at Boettcher Supply, Western Supply or the supplier of student choice. Please contact the Department Chair with questions or for further information.