



HVAC/R Program Tool List

Dear Students,

Welcome to the HVAC/R program here at Thaddeus Stevens College of Technology. Students should be prepared to have the required freshman tools at the beginning of the fall semester. The following manufacturer and model numbers are given as recommendations for the required tools. Work performance will depend on purchasing good quality tools that meet industry standards. When considering the electric multi-meter, students should be sure to purchase a quality True-RMS meter designed for HVAC or industrial electrical work. It is also required that the meter purchased, carry the "UL" label and be rated for Cat II or higher standard. General screwdrivers, pliers, wrenches and electrical tools may be found at any quality hardware or "home-center" retail outlet. The items shown on the tool list indicate item numbers that can be used when referencing the Johnstone Supply website. Each item number also serves as a web link that will take you to a web page with a more in-depth description of the item. Students may consider contacting Johnstone Supply in Lancaster, Pa. to receive special discounts and pricing extend to Thaddeus Stevens College HVAC/R students or any other HVAC supplier located in your area. If you have any additional questions, please feel free to contact any of the instructors on the TSCT HVAC program web page.

Sincerely,

The HVAC instructional staff

HVAC Program TOOL LIST			
Johnstone Supply Product Number	Product Description	Quantity	Price
W69-294	LEATHER GLOVES	1	7.14
W69-641	SAFETY GLASES	1	3.68
H25-620	TAPE MEASURE - 25FT	1	7.03
H27-644	ADJUSTABLE WRENCH - 8IN	1	15.30
H27-643	ADJUSTABLE WRENCH - 6IN	1	14.45
H28-257	ALLEN WRENCH HEX KEY SET SAE 12PC	1	12.15
H24-808	KNIPEX PLIER ALLIGATOR - 10IN	1	23.68
H25-275	PLIER NEEDLE NOSE PLIER - 8IN	1	31.44
H28-516	LONG NOSE WIRE STRIPER/CRIMPER CUTTER	1	19.65
H26-186	UTILITY KNIFE	1	14.08
H27-026	KLEIN 11 IN 1 SCREWDRIVER	1	18.28
H23-907	LEVEL TORPEDO	1	18.93
H85-424	TOOL BAG - 43 POCKET	1	50.58
H24-127	SERVICE VALVE RATCHET WRENCH	1	9.23
H25-634	HEX KEY ADAPTER	1	8.11
H26-507	LENOX TUBE CUTTER - CAPACITY 1/8 TO 1-1/8	1	22.46
H26-663	YELLOW JACKET DEBURRING TOOL	1	28.88
H24-097	YELLOW JACKET 3 IN 1 TUBE BENDER	1	26.86
H26-423	REFRIGERANT GAUGE MANIFOLD WITH HOSE SET	1	58.28
B13-340	60 INCH MANIFOLD HOSE SET	1	70.56
H26-494	UEI CLAMP MULTI-METER WITH TEMPERATURE	1	139.01
H85-613	15 PC COMBINATION WRENCH SET	1	142.98
H27-403	12" ALUMINUM PIPE WRENCH	1	45.44
H25-407	YELLOW JACKET FLARING AND SWAGING KIT	1	107.99
H23-934	CLAW HAMMER	1	20.69
H28-154	LINESMAN'S PLIER	1	44.55
H25-346	SHEET METAL SNIPS	1	36.74
H26-875	SHEET METAL HAND SEAMER	1	46.94
H24-130	KLEIN TOOLS DIAGONAL WIRE CUTTER	1	23.94
H26-878	SHEET METAL HAND SEAMER	1	35.34
H25-171	SHEET METAL FOLDING TOOL	1	15.53
G35-794	LEAD TEST KIT	1	10.38
H85-785	MILLWAUKE DRILL/IMPACT KIT	1	156.46
H28-075	DRILL DRIVE BIT KIT	1	21.29
H25-967	SNIPS-OFFSET LEFT	1	32.20
H25-966	SNIPS AVIATION-BULLDOG	1	27.88
H25-968	SNIPS OFFSET RIGHT	1	34.62
H27-241	Midwest 5- Blade Crimper	1	29.50

To purchase tools and supplies contact: Johnstone Supply
Attn: Ian Fisher - Branch Manager
340 West Roseville Road
Lancaster, PA 17601
717-286-0301

Additional Information

Clothing requirements

Certain types of clothing are required in order to perform lab assignments and work on class projects. Lab clothing requirements include long pants or jeans, leather type work shoes (steel toe shoes are not required), and at least one pair of work gloves. Each student will be supplied five HVAC program shirts which are required to be worn during each class. It is also suggest the students should have cold weather clothing for working on outside assignments and projects.

Personal protective equipment (PPE)

Certain PPE is required when working on projects and assignments. Each student will be provided one pair of safety glasses. Students who wear prescription eye glasses should speak with their instructor about any specifics regarding prescription lenses.