

Heating Air Conditioning and Refrigeration Department

Central Campus

Tool List

Revised at 01/15/2011

By Hoang Do

Hand Tools

	Item Name	Course	Quantity	Est. Price *	item #	Vendor
1	tool box	All Hart	1	\$ 26.50	H85-229	Johnstone
2	Lock for tool box	-	1	\$ 7.50	X71-154	-
3	Safety Glasses	-	1	\$ 8.50	W69-230	-
4	Pliers, Slip joint 8"	-	1	\$15.50	O18-D5118	-
5	Adjustable wrench 8"	-	1	\$ 19.00	H25-855	-
6	Adjustable wrench 12"	-	1	\$ 29.00	H25-857	-
7	3/16" Flat screwdriver	-	1	\$ 9.50	H25-282	-
8	5/16 Flat screwdriver	-	1	\$ 12.50	H23-283	-
9	Claw hammer	-	1	\$ 29.00	H23-934	-
10	Channel Lock pliers 10"	-	1	\$19.00	H24-134	-
11	Tape measure 25 ft	-	1	\$18.50	H26-002	-
12	Imperial Tubing cutter (3 sizes)	-	3	\$60.00	H25-755	-
13	Imperial Flare tool set	-	1	\$29.00	H25-301	-
14	Swaging tool set (Yellow jacket)	-	1	\$26.00	H25-310	-
15	Service wrench Ratchet (2 sizes)	-	2	\$38.00	H24-127	-
16	Parker Service wrench Adapters	-	-	\$15.00	-	-
17	Center punch	-	1	\$9.00	H24-798	-
18	Nut driver 3/16,1/4,5/16,3/8 inc	-	1 set	\$60.00	H24-380	-
19	Vise Grip Pliers 7"	-	1	\$15.00	H23-512	-
20	Flashlight 2Dcell	-	1	\$24.00	G23-200	-
21	10 inc med file	-	1	\$ 9.50	H24-231	-
22	# 2 Phillip screwdriver	-	2	\$ 12.00	H23-576	-
23	Socket set drive 3/8	-	1	\$45.00	H25-455	-

24	Drive extension 6"	-	3	\$ 25.00	-	-
25	Needle Nose pliers 8"	-	1	\$25.50	H25-275	-
26	Long Allen Wrench set	-	1	\$22.00	H25-810	-
27	8" Diagonal Cutter	-	1	\$19.00	H25-277	-
28	Steel wire brush	-	1	\$ 6.50	-	-
29	PVC pipe cutter	-	1	\$ 20.00	-	-
30	Pipe Wrenches	-	2	\$ 45.00	-	-
31	Fiberglass ladder	Optional	1	\$ 145.00	-	-
32	Nitrogen tank regulator	Optional	1	\$ 65.00	-	-
33	Tin Snip (red, yellow, black) for straight, left, or right cutting.	Optional	1	\$ 90.00	-	-
34	Variable Speed Cordless Drill	Optional	1	\$ 95.00	-	-
35	Variable Speed drill	Optional	1	\$120.00	-	-
36	Self Tapping Screw holder / hex head ¼ & 5/16 inc	Optional	2	\$4.00	-	-
37	Droplights and extension cords	Optional	1	\$30.00	-	-
38	Hacksaw	Optional	1	\$ 12.00	-	-
39	Sheet metal Crimper	Optional	1	\$25.00	-	-
40	Utility knife	Optional	1	\$8.00	-	-
41	Nylon Strap Tightener	Optional	1	\$ 25.00	-	-
42	Fiberglass Cutting Knives	Optional	1 set	-	-	-
43	Copper reamer	Optional	1	-	-	-
44	Linesman Pliers	All Hart	1	\$ 28.00	-	-
45	Wire Strippers	Optional	1	\$ 20.00	-	-
46	Dolly Cart	-	1	-	-	-
47	Fuse holder / Remove	-	1	-	-	-
48	Fan blade pitch gauge	-	1	\$12.00	-	Any
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Instruments and Gauges

	Instruments	Course	Quantity	Est. Price *	item #	Vendor
1	Manifold Set Robinair R- 22	All Hart	1	\$ 45.00	-	Any
2	Manifold Set Robinair R- 410A	-	1	\$120.00	-	Any
3	Hand-held Superheat thermometer	-	1	\$65.00	-	Any
4	Pocket thermometer	-	1	\$8.50	-	Any
5	Digital type thermometer	-	1	\$55.00	-	Any
6	Robinair vacuum pump	-	1	\$ 295.00	-	Any
7	Micron gauge	-	1	\$ 95.00	-	Any
8	Thermal Engineering Recover Unit	-	1	\$ 320.00	-	Any
9	Approved DOT Refrigerant Recovery tank	-	1	\$ 150.00	-	Any
10	Portable oxyacetylene brazing set with carrying case and hose/tips sets	-	1	\$ 325.00	-	Any
11	Oxy & Acetylene Reserved tanks	-	2	\$120.00	-	Any
12	Sling Psychrometer	-	1	\$ 150.00	-	Any
13	Ammeter Probe	-	1	\$65.00	-	Any
14	Digital Multimeter Fluke - 16	-	1	\$ 125.00	-	Any
15	Electronic leak detector	-	1	-	-	Any
16	Halide leak detector	-	1	-	-	Any
17	Soap Bubble Plastic spray	-	1	\$ 2.00	-	Any
18	Gauge Adapter or Schraeder valve core remover	-	1	\$ 29.00	-	Any
19	Refrigerant Charging Scale	-	1	-	-	Any
20	A Belt gauge/ straight yard stick	-	1	-	-	Any
21	Low loss fittings	-	2	-	-	Any
22	Combustion test kit	Optional	1	-	-	Bacharach
23	Draft gauge/Stack thermometer	Optional	1	-	-	Bacharach
24	Combustion efficiency Tester	Optional	1	-	-	Bacharach
25	Smoke Test kit	Optional	1	-	-	Bacharach
26	Carbon dioxide Tester	Optional	1	-	-	Bacharach

27	Manometer/Electronic manometer	Optional	1	-	-	Any
28	Handheld digital anemometer	Optional	1	-	-	Testo, Inc
29	Inclined gauge or manometer	Optional	1	-	-	Dwyer instruments, Inc
30	Portable air velocity	Optional	1	-	-	Sierra instruments, Inc
31	CFM Airflow hood (100-600cfm)	Optional	1	-	-	Bacharach

* Notes: Prices and Quote are subject to change. Please request and compare quotations from vendor for better prices.

Name of Vendor:

Johnstone Supply (5 locations in Houston)
501 N. Shepherd street
Houston, TX 77007
Ph (713) 868-8967 Fax (713) 868-3045