

# 54 Furnaces

## 4 13 - Electric-Resistance Furnaces

### 13.10 Electric Furnaces

	Crew	Daily Output	Labor-Hours	Unit	Material	2014 Bare Costs Labor	Equipment	Total	Total Ind O&P
<b>ELECTRIC FURNACES</b> , Hot air, blowers, std. controls not including gas, oil or flue piping Electric, UL listed									
34.1 MBH	Q-20	4.40	4.545	Ea.	560	151		711	865

## 4 16 - Fuel-Fired Furnaces

### 16.13 Gas-Fired Furnaces

	Crew	Daily Output	Labor-Hours	Unit	Material	2014 Bare Costs Labor	Equipment	Total	Total Ind O&P
<b>GAS-FIRED FURNACES</b> Gas, AGA certified, upflow, direct drive models									
45 MBH input	Q-9	4	4	Ea.	535	130		665	805
60 MBH input		3.80	4.211		535	137		672	820
75 MBH input		3.60	4.444		575	144		719	875
100 MBH input		3.20	5		625	163		788	960
125 MBH input		3	5.333		655	173		828	1,000
150 MBH input		2.80	5.714		670	186		856	1,050
200 MBH input		2.60	6.154		2,800	200		3,000	3,400
For starter plenum, add		16	1		87.50	32.50		120	150

### 16.16 Oil-Fired Furnaces

	Crew	Daily Output	Labor-Hours	Unit	Material	2014 Bare Costs Labor	Equipment	Total	Total Ind O&P
<b>OIL-FIRED FURNACES</b> Oil, UL listed, atomizing gun type burner									
56 MBH output	Q-9	3.60	4.444	Ea.	1,550	144		1,694	1,950
84 MBH output		3.50	4.571		1,850	149		1,999	2,300
95 MBH output		3.40	4.706		1,875	153		2,028	2,325
134 MBH output		3.20	5		2,175	163		2,338	2,675
151 MBH output		3	5.333		2,250	173		2,423	2,775
200 MBH input		2.60	6.154		2,450	200		2,650	3,025

### 16.21 Solid Fuel-Fired Furnaces

	Crew	Daily Output	Labor-Hours	Unit	Material	2014 Bare Costs Labor	Equipment	Total	Total Ind O&P
<b>SOLID FUEL-FIRED FURNACES</b> Wood fired furnaces Includes hot water coil, thermostat, and auto draft control									
24" long firebox	G Q-9	4	4	Ea.	4,300	130		4,430	4,950
30" long firebox	G	3.60	4.444		5,025	144		5,169	5,775
With fireplace glass doors	G	3.20	5		6,350	163		6,513	7,275
Wood/oil fired furnaces, includes two thermostats Includes hot water coil and auto draft control									
24" long firebox	G Q-9	3.40	4.706	Ea.	5,150	153		5,303	5,925
30" long firebox	G	3	5.333		5,775	173		5,948	6,650
With fireplace glass doors	G	2.80	5.714		7,075	186		7,261	8,075
Wood/gas fired furnaces, includes two thermostats Includes hot water coil and auto draft control									
24" long firebox	G Q-9	2.80	5.714	Ea.	5,925	186		6,111	6,825
30" long firebox	G	2.40	6.667		6,625	217		6,842	7,650
With fireplace glass doors	G	2	8		7,900	260		8,160	9,125
Wood/oil/gas fired furnaces, optional accessories									
Hot air plenum	Q-9	16	1	Ea.	108	32.50		140.50	173
Safety heat dump		24	.667		94	21.50		115.50	139
Auto air intake		18	.889		148	29		177	211
Cold air return package		14	1.143		159	37		196	237
Wood fork					51			51	56
Wood fired outdoor furnace 24" long firebox	G Q-9	3.80	4.211	Ea.	4,500	137		4,637	5,175
Wood fired outdoor furnace, optional accessories Chimney section, stainless steel, 6" ID x 3' lg.	G Q-9	36	.444	Ea.	165	14.45		179.45	206

# 23 54 Furna

## 23 54 16 - Fuel-F

### 23 54 16.21 Solid Fuel-

Chimney	6780
Wood fired hot water fu	6800
Includes 200 gal. l	6820
30" long	6840
Water to air heat e	6850
Includes moun	6870
140 MBH	6880
200 MBH	6890
Water to water he	6900
100 MBH	6940
290 MBH	6960
Optional accessori	7000
Large va	7010
Air bleer	7020
Domesti	7030
Smoke	7040

## 23 54 24 - Furna

### 23 54 24.10 Furnace (

	Price
<b>FURNACE COMPONE</b>	0010
Coils, A.C. evaporator	0080
Add-on, with hol	0090
Upflow	0100
1-1/2	0120
2 ton	0130
3 ton	0140
4 ton	0150
5 ton	0160
Downflow	0300
2-1/2	0330
3-1/2	0340
5 ton	0350
Horizontal	0600
2 ton	0630
3 ton	0640
4 ton	0650
5 ton	0660
Cased evapor	2000
1-1/2	2100
2 ton	2110
2-1/2	2120
3 to	2130
3-1/2	2140
4 to	2150
5 to	2160
Air handler, modu	3010
With cased e	3100
1-1	3120
2 to	3130
2-1	3140
3 to	3150
3-1	3160
4 to	3170