

22 33 Electric Domestic Water Heaters

22 33 13 – Instantaneous Electric Domestic Water Heaters

		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
22 33 13.10 Hot Water Dispensers							Labor	Equipment		
0010	HOT WATER DISPENSERS									
0160	Commercial, 100 cup, 11.3 amp	1 Plum	14	.571	Ea.	455	40		495	560
3180	Household, 60 cup	"	14	.571	"	239	40		279	325

22 33 30 – Residential, Electric Domestic Water Heaters

22 33 30.13 Residential, Small-Capacity Elec. Water Heaters

0010	RESIDENTIAL, SMALL-CAPACITY ELECTRIC DOMESTIC WATER HEATERS									
1000	Residential, electric, glass lined tank, 5 yr., 10 gal., single element	1 Plum	2.30	3.478	Ea.	420	243		663	825
1040	20 gallon, single element		2.20	3.636		460	254		714	885
1060	30 gallon, double element		2.20	3.636		800	254		1,054	1,250
1080	40 gallon, double element		2	4		830	279		1,109	1,325
1100	52 gallon, double element	↓	2	4		1,450	279		1,729	2,000
1180	120 gallon, double element	1 Plum	1.40	5.714	Ea.	3,050	400		3,450	3,975

22 33 33 – Light-Commercial Electric Domestic Water Heaters

22 33 33.10 Commercial Electric Water Heaters

0010	COMMERCIAL ELECTRIC WATER HEATERS									
4000	Commercial, 100° rise. NOTE: for each size tank, a range of									
4010	heaters between the ones shown is available									
4020	Electric									
4100	5 gal., 3 kW, 12 GPH, 208 volt	1 Plum	2	4	Ea.	4,200	279		4,479	5,025
4120	10 gal., 6 kW, 25 GPH, 208 volt		2	4		4,575	279		4,854	5,450
4130	30 gal., 24 kW, 98 GPH, 208 volt		1.92	4.167		7,325	291		7,616	8,475
4136	40 gal., 36 kW, 148 GPH, 208 volt		1.88	4.255		10,200	297		10,497	11,600
4140	50 gal., 9 kW, 37 GPH, 208 volt		1.80	4.444		6,225	310		6,535	7,325
4160	50 gal., 36 kW, 148 GPH, 208 volt	↓	1.80	4.444		9,700	310		10,010	11,200
4300	200 gal., 15 kW, 61 GPH, 480 volt	Q-1	1.70	9.412		36,500	590		37,090	41,000
4320	200 gal., 120 kW, 490 GPH, 480 volt		1.70	9.412		49,200	590		49,790	55,000
4460	400 gal., 30 kW, 123 GPH, 480 volt	↓	1	16		50,500	1,000		51,500	57,000
5400	Modulating step control for under 90 kW, 2-5 steps	1 Elec	5.30	1.509		910	100		1,010	1,150
5440	For above 90 kW, 1 through 5 steps beyond standard, add		3.20	2.500		245	166		411	515
5460	For above 90 kW, 6 through 10 steps beyond standard, add		2.70	2.963		545	196		741	885
5480	For above 90 kW, 11 through 18 steps beyond standard, add	↓	1.60	5		810	330		1,140	1,375

22 34 Fuel-Fired Domestic Water Heaters

22 34 13 – Instantaneous, Tankless, Gas Domestic Water Heaters

22 34 13.10 Instantaneous, Tankless, Gas Water Heaters

0010	INSTANTANEOUS, TANKLESS, GAS WATER HEATERS									
9410	Natural gas/propane, 3.2 GPM	G 1 Plum	2	4	Ea.	550	279		829	1,025
9420	6.4 GPM	G	1.90	4.211		600	294		894	1,100
9430	8.4 GPM	G	1.80	4.444		730	310		1,040	1,275
9440	9.5 GPM	G	1.60	5		930	350		1,280	1,550

22 34 30 – Residential Gas Domestic Water Heaters

22 34 30.13 Residential, Atmos, Gas Domestic Wtr Heaters

0010	RESIDENTIAL, ATMOSPHERIC, GAS DOMESTIC WATER HEATERS									
2000	Gas fired, foam lined tank, 10 yr., vent not incl.									
2040	30 gallon	1 Plum	2	4	Ea.	2,025	279		2,304	2,650
2100	75 gallon		1.50	5.333		1,275	370		1,645	1,950
2120	100 gallon		1.30	6.154		2,400	430		2,830	3,300
2900	Water heater, safety-drain pan, 26" round	↓	20	.400	↓	19.20	28		47.20	62.50
3000	Tank leak safety, water & gas shut off see 22 05 23.20 8800									