

# 23 05 Common Work Results for HVAC

## 23 05 23 – General-Duty Valves for HVAC Piping

23 05 23.30 Valves, Iron Body		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
5500	2"	1 Plum	11	.727	Ea.	645	51		696	785
5540	2-1/2"	Q-1	15	1.067		990	67		1,057	1,200
5550	3"		13	1.231		1,075	77.50		1,152.50	1,300
5560	4"		10	1.600		1,700	101		1,801	2,025
5950	Flanged									
6000	2"	1 Plum	5	1.600	Ea.	600	112		712	825
6040	2-1/2"	Q-1	5	3.200		695	201		896	1,075
6050	3"		4.50	3.556		800	223		1,023	1,225
6060	4"		3	5.333		1,275	335		1,610	1,900
6070	6"	Q-2	3	8		2,150	520		2,670	3,150

## 23 05 23.80 Valves, Steel

0010	VALVES, STEEL									
0800	Cast									
1350	Check valve, swing type, 150 lb., flanged									
1370	1"	1 Plum	10	.800	Ea.	880	56		936	1,050
1400	2"	"	8	1		850	70		920	1,050
1440	2-1/2"	Q-1	5	3.200		980	201		1,181	1,375
1450	3"		4.50	3.556		1,025	223		1,248	1,450
1460	4"		3	5.333		1,625	335		1,960	2,300
1540	For 300 lb., flanged, add					50%	15%			
1548	For 600 lb., flanged, add					110%	20%			
1950	Gate valve, 150 lb., flanged									
2000	2"	1 Plum	8	1	Ea.	865	70		935	1,050
2040	2-1/2"	Q-1	5	3.200		1,175	201		1,376	1,600
2050	3"		4.50	3.556		1,225	223		1,448	1,675
2060	4"		3	5.333		1,700	335		2,035	2,375
2070	6"	Q-2	3	8		2,675	520		3,195	3,700
3650	Globe valve, 150 lb., flanged									
3700	2"	1 Plum	8	1	Ea.	1,050	70		1,120	1,275
3740	2-1/2"	Q-1	5	3.200		1,350	201		1,551	1,775
3750	3"		4.50	3.556		1,425	223		1,648	1,875
3760	4"		3	5.333		1,950	335		2,285	2,650
3770	6"	Q-2	3	8		3,075	520		3,595	4,175
5150	Forged									
5650	Check valve, class 800, horizontal									
5698	Threaded									
5700	1/4"	1 Plum	24	.333	Ea.	76.50	23.50		100	119
5720	3/8"		24	.333		76.50	23.50		100	119
5730	1/2"		24	.333		45	23.50		68.50	84
5740	3/4"		20	.400		53.50	28		81.50	101
5750	1"		19	.421		71	29.50		100.50	122
5760	1-1/4"		15	.533		136	37		173	206

## 23 05 93 – Testing, Adjusting, and Balancing for HVAC

### 23 05 93.10 Balancing, Air

0010	BALANCING, AIR (Subcontractor's quote incl. material and labor)									
0900	Heating and ventilating equipment									
1000	Centrifugal fans, utility sets				Ea.				420	420
1100	Heating and ventilating unit								630	630
1200	In-line fan								630	630
1300	Propeller and wall fan								119	119
1400	Roof exhaust fan								280	280
2000	Air conditioning equipment, central station								910	910