

GP-2000, 2000K-1, 3 & 6, GD-2000K, GP-2000R, GP-2000CS



Capacities for Steam

GP-2000, GP-2000K-1, GP-2000K-3, GP-2000K-6, GD-2000K, GP-2000R, GP-2000CS Capacities—Steam lb/hr											
Inlet	Outlet	lb/hr									
		Connection Size									
		in									
psig		1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6
C _v Factor		5	7.2	10.9	14.3	18.8	32	60	78	120	250
15	8	201	290	438	575	756	1,287	2,413	3,137	4,826	10,055
	3	250	361	546	716	942	1,603	3,005	3,907	6,010	12,521
20	13	219	316	478	628	825	1,404	2,633	3,423	5,267	10,972
	3	313	451	683	896	1,178	2,006	3,761	4,889	7,521	15,669
25	18	236	340	515	676	889	1,513	2,837	3,688	5,673	11,819
	3 - 5	339	489	740	971	1,276	2,172	4,073	5,295	8,146	16,972
30	23	252	363	550	721	948	1,614	3,026	3,934	6,052	12,609
	3 - 7	382	550	833	1,093	1,437	2,446	4,586	5,962	9,172	19,109
40	33	281	405	613	804	1,057	1,799	3,373	4,385	6,747	14,056
	25	395	569	861	1,130	1,486	2,529	4,741	6,164	9,483	19,756
	3 - 12	468	673	1,020	1,338	1,758	2,993	5,612	7,296	11,224	23,384
50	42	327	471	713	936	1,230	2,094	3,927	5,105	7,853	16,361
	30	491	707	1,071	1,405	1,847	3,143	5,894	7,662	11,788	24,557
	3 - 17	553	797	1,206	1,582	2,080	3,540	6,638	8,630	13,276	27,659
60	51	373	537	814	1,067	1,403	2,389	4,479	5,823	8,958	18,662
	45	471	679	1,028	1,348	1,773	3,017	5,657	7,355	11,315	23,572
	35	586	843	1,277	1,675	2,202	3,748	7,027	9,135	14,053	29,278
	3 - 22	639	920	1,392	1,827	2,401	4,088	7,664	9,963	15,328	31,934
75	63	471	678	1,026	1,346	1,769	3,012	5,647	7,341	11,295	23,530
	55	593	854	1,292	1,696	2,229	3,794	7,114	9,249	14,229	29,643
	45	703	1,012	1,532	2,010	2,643	4,499	8,435	10,966	16,871	35,148
	4 - 30	767	1,104	1,672	2,193	2,884	4,908	9,203	11,964	18,406	38,347
100	85	595	857	1,298	1,703	2,239	3,811	7,145	9,289	14,291	29,773
	75	751	1,081	1,636	2,147	2,822	4,804	9,007	11,709	18,014	37,529
	60	914	1,316	1,992	2,614	3,436	5,849	10,967	14,257	21,934	45,696
	5 - 42	981	1,412	2,138	2,805	3,687	6,276	11,768	15,299	23,536	49,034
125	106	739	1,064	1,610	2,112	2,777	4,727	8,863	11,522	17,725	36,928
	100	837	1,206	1,825	2,395	3,149	5,359	10,048	13,063	20,097	41,869
	75	1,125	1,619	2,451	3,216	4,228	7,197	13,494	17,543	26,989	56,226
	7 - 55	1,194	1,720	2,604	3,416	4,491	7,644	14,333	18,633	28,666	59,722
150	127	881	1,269	1,922	2,521	3,314	5,641	10,577	13,751	21,155	44,072
	100	1,241	1,787	2,705	3,549	4,666	7,943	14,893	19,360	29,785	62,052
	8 - 67	1,408	2,028	3,070	4,027	5,295	9,012	16,898	21,968	33,796	70,409
175	148	1,024	1,475	2,233	2,929	3,851	6,555	12,291	15,978	24,581	51,211
	125	1,348	1,940	2,938	3,854	5,067	8,624	16,170	21,021	32,341	67,376
	100	1,587	2,285	3,459	4,537	5,965	10,154	19,038	24,750	38,076	79,325
	9 - 80	1,622	2,336	3,536	4,639	6,098	10,380	19,463	25,302	38,926	81,097
200	170	1,149	1,655	2,506	3,287	4,322	7,356	13,792	17,930	27,585	57,468
	150	1,446	2,083	3,153	4,136	5,438	9,256	17,354	22,560	34,708	72,309
	125	1,712	2,465	3,732	4,896	6,437	10,956	20,542	26,705	41,085	85,593
	10 - 92	1,836	2,643	4,002	5,250	6,902	11,748	22,028	28,637	44,056	91,784
225	191	1,292	1,861	2,817	3,695	4,858	8,270	15,505	20,157	31,011	64,606
	175	1,539	2,215	3,354	4,400	5,785	9,847	18,462	24,001	36,925	76,926
	150	1,829	2,633	3,986	5,230	6,876	11,703	21,944	28,527	43,887	91,431
	12 - 105	2,049	2,951	4,468	5,861	7,706	13,116	24,593	31,971	49,186	102,472
250	200	1,626	2,341	3,544	4,649	6,112	10,404	19,508	25,360	39,015	81,282
	175	1,938	2,791	4,226	5,544	7,288	12,406	23,261	30,239	46,521	96,919
	150	2,176	3,133	4,743	6,223	8,181	13,925	26,110	33,943	52,219	108,790
	13 - 117	2,263	3,259	4,934	6,473	8,510	14,484	27,158	35,306	54,316	113,159
275	200	2,042	2,941	4,452	5,841	7,679	13,070	24,507	31,859	49,014	102,112
	175	2,299	3,311	5,012	6,575	8,644	14,714	27,588	35,864	55,176	114,950
	14 - 130	2,477	3,567	5,400	7,084	9,313	15,852	29,723	38,640	59,446	123,847
300	200	2,416	3,479	5,267	6,910	9,084	15,462	28,991	37,688	57,982	120,796
	175	2,637	3,797	5,748	7,540	9,913	16,874	31,638	41,130	63,277	131,826
	15 - 142	2,691	3,875	5,866	7,695	10,117	17,220	32,288	41,975	64,576	134,534
350	248	2,656	3,825	5,791	7,597	9,987	17,000	31,864	41,423	63,728	—
	225	2,886	4,156	6,292	8,254	10,852	18,471	34,629	45,017	69,258	—
	200	3,095	4,457	6,748	8,853	11,639	19,811	37,135	48,276	74,270	—
	18 - 160	3,118	4,490	6,798	8,918	11,724	19,956	39,890	51,856	79,779	—
425	248	3,702	5,331	8,071	10,588	13,921	23,695	44,415	57,740	88,830	—
	225	3,870	5,574	8,438	11,070	14,553	24,771	46,439	60,370	92,877	—
	22 - 195	4,000	5,578	8,719	11,439	15,038	25,595	48,096	62,525	96,192	—

Pressure and Temperature Controls

NOTE: Maximum pressure reduction 20:1, except for GD-2000K 10:1. Minimum pressure reduction is 85% of inlet pressure.

For 50% reduced port capacities, divide the capacity by 2.

50% reduced port available for sizes 1/2" - 4".

Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit armstronginternational.com for up-to-date information.



GP-2000, 2000K-1, 3 & 6, GD-2000K, GP-2000R, GP-2000CS

Capacities for Steam continued

GP-2000, GP-2000K-1, GP-2000K-3, GP-2000K-6, GD-2000K, GP-2000R, GP-2000CS Capacities—Steam (kg/hr)

Inlet	Outlet	kg/hr									
		Connection Size									
		mm									
bar		15	20	25	32	40	50	65	80	100	150
C _y Factor		5	7.2	10.9	14.3	18.8	32	60	78	120	250
1.03	0.55 0.21	91 114	131 164	199 248	261 325	343 427	584 727	1,095 1,363	1,423 1,772	2,189 2,726	4,561 5,679
1.38	0.90 0.21	100 142	143 205	217 310	285 407	374 534	637 910	1,194 1,706	1,553 2,218	2,389 3,412	4,977 7,108
1.72	1.24 .21 - .34	107 154	154 222	234 336	307 440	403 579	686 985	1,287 1,848	1,673 2,402	2,573 3,695	5,361 7,698
2.07	1.59 .21 - .48	114 173	165 250	249 378	327 496	430 652	732 1,109	1,373 2,080	1,784 2,704	2,745 4,161	5,719 8,668
2.76	2.28 1.72 .21 - .83	128 114 173	184 165 250	278 249 378	365 327 496	479 430 652	816 732 1,109	1,530 1,373 2,080	1,989 1,784 2,704	3,060 2,745 4,161	6,376 5,719 8,668
3.45	2.90 2.07 .21 - 1.17	128 179 212	184 258 305	278 391 462	365 513 607	479 674 798	816 1,147 1,358	1,530 2,151 2,546	1,989 2,796 3,309	3,060 4,301 5,091	6,376 8,961 10,607
4.14	3.52 3.10 2.41 .21 - 1.5	148 148 223 251	214 214 321 361	324 324 486 547	425 425 637 718	558 558 838 943	950 950 1,426 1,606	1,781 1,781 2,673 3,011	2,315 2,315 3,475 3,914	3,562 3,562 5,347 6,022	7,421 7,421 11,139 12,546
5.17	4.34 3.79 3.10 .27 - 2.1	213 269 319 348	307 387 459 501	465 586 695 758	611 769 912 995	803 1,011 1,199 1,308	1,366 1,721 2,041 2,226	2,562 3,227 3,826 4,175	3,330 4,195 4,974 5,427	5,123 6,454 7,653 8,349	10,673 13,446 15,943 17,394
6.89	5.86 5.17 4.14 .34 - 2.9	270 340 415 445	389 490 597 641	589 742 904 970	772 974 1,186 1,272	1,016 1,280 1,559 1,673	1,729 2,179 2,653 2,847	3,241 4,086 4,975 5,338	4,213 5,311 6,467 6,939	6,482 8,171 9,949 10,676	13,505 17,023 20,728 22,242
8.62	7.31 6.89 5.17 .48 - 3.7	335 380 510 542	482 547 735 780	730 828 1,112 1,181	958 1,086 1,459 1,550	1,260 1,428 1,918 2,037	2,144 2,431 3,265 3,467	4,020 4,558 6,121 6,502	5,226 5,925 7,957 8,452	8,040 9,116 12,242 13,003	16,750 18,991 25,504 27,090
10.34	8.76 6.89 .55 - 4.6	400 563 639	576 811 920	872 1,227 1,392	1,143 1,610 1,827	1,503 2,117 2,402	2,559 3,603 4,088	4,798 6,755 7,665	6,237 8,782 9,964	9,596 13,510 15,330	19,991 28,147 31,937
12.07	10.20 8.62 6.89 .62 - 5.5	465 611 720 736	669 880 1,036 1,059	1,013 1,332 1,569 1,604	1,329 1,748 2,058 2,104	1,747 2,298 2,706 2,766	2,973 3,912 4,606 4,709	5,575 7,335 8,636 8,828	7,247 9,535 11,226 11,477	11,150 14,670 17,271 17,657	23,229 30,562 35,982 36,785
13.79	11.72 10.34 8.62 .68 - 6.3	521 656 776 833	751 945 1,118 1,199	1,137 1,430 1,693 1,815	1,491 1,876 2,221 2,381	1,960 2,466 2,920 3,131	3,337 4,198 4,970 5,329	6,256 8,133 9,318 9,992	8,133 10,233 12,113 12,990	12,512 15,744 18,636 19,984	26,067 32,799 38,825 41,633
15.51	13.17 12.07 10.34 .82 - 7.24	586 698 829 930	844 1,005 1,194 1,339	1,278 1,521 1,808 2,027	1,676 1,996 2,372 2,659	2,204 2,624 3,119 3,495	3,751 4,466 5,309 5,950	7,033 8,374 9,954 11,155	9,143 10,887 12,940 14,502	14,066 16,749 19,907 22,311	29,305 34,894 41,473 46,481
17.24	13.79 12.07 10.34 .89 - 8.06	737 879 987 1,027	1,062 1,266 1,421 1,478	1,607 1,917 2,152 2,238	2,109 2,515 2,823 2,936	2,773 3,306 3,711 3,860	4,719 5,627 6,316 6,570	8,849 10,551 11,843 12,319	11,503 13,716 15,396 16,015	17,697 21,102 23,687 24,638	36,869 43,962 49,347 51,329
18.96	13.79 12.07 .96 - 8.96	926 1,043 1,124	1,334 1,502 1,618	2,019 2,273 2,449	2,649 2,982 3,213	3,483 3,921 4,224	5,929 6,674 7,191	11,116 12,514 13,482	14,451 16,268 17,527	22,233 25,028 26,965	46,318 52,141 56,177
20.00	13.79 12.07 1.03 - 9.79	1,096 1,196 1,220	1,578 1,722 1,758	2,389 2,607 2,661	3,134 3,420 3,491	4,120 4,497 4,589	7,013 7,654 7,811	13,150 14,351 14,646	17,095 18,656 19,040	26,300 28,702 29,292	54,793 59,796 61,024
24.13	17.10 15.51 13.79 1.24 - 11.02	1,205 1,309 1,404 1,414	1,735 1,885 2,022 2,037	2,627 2,854 3,061 3,083	3,446 3,744 4,016 4,045	4,530 4,922 5,279 5,318	7,711 8,379 8,986 9,052	14,453 14,668 16,844 18,094	18,789 20,419 21,898 23,521	28,907 31,415 33,689 36,187	— — — —
29.30	17.10 15.51 1.52 - 13.4	1,679 1,756 1,814	2,418 2,528 2,530	3,661 3,827 3,955	4,803 5,021 5,189	6,314 6,601 6,821	10,748 11,236 11,610	20,146 21,064 21,816	26,190 27,383 28,361	40,293 42,129 43,632	— — —

NOTE: Maximum pressure reduction 20:1, except for GD-2000K 10:1. Minimum pressure reduction is 85% of inlet pressure.

For 50% reduced port capacities, divide the capacity by 2.

50% reduced port available for sizes 15 - 100 mm.