KG Series Heat Rejection Capacity
KG-L Line (Super Low Noise Type)
STANDARD Type Circulating Water Flowrate (gpm) IP Units

Condition Reference #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Inlet Water Temperature °F	67	70	72	72	77	72	75	77	77	82	77	80	82	82	87	82	85	87	87	92	87	90	92	92	97	92	95	97	97	102	97	100	102	102	107	102	105	107	107	112	107	110	112	112	117	89.6	95	98.6	98.6
Outlet Water Temperature °F	57	60	62	57	62	62	65	67	62	67	67	70	72	67	72	72	75	77	72	77	77	80	82	77	82	82	85	87	82	87	87	90	92	87	92	92	95	97	92	97	97	100	102	97	102	80.6	85	89.6	89.6
Wet Bulb °F	50	50	50	50	50	55	55	55	55	55	60	60	60	60	65	65	65	65	65	65	70	70	70	70	70	75	75	75	75	75	80	80	80	80	80	85	85	85	85	85	90	90	90	90	90	69.8	78	80.6	82.4
Range °F	10	10	10	15	15	10	10	10	15	15	10	10	10	15	15	10	10	10	15	15	10	10	10	15	15	10	10	15	15	15	10	10	10	15	15	10	10	10	15	15	10	10	10	15	15	9	10	9	9
Approach °F	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	10.8	7	9	7.2
Super Low Noise Type																																																	
KG-LES31-D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	914	-	-	-	912	1,047	-	-	-	1,048	1,199	-	1,006	-	1,204	1,371	-	1,160	957	1,320	1,499	-	1,274	1,119	1,525	1,720	962	1,479	1,028	-	1,158	1,016
KG-LES31-E	-	-	-	-	-	-	-	-	-	-	-	-	905	-	-	-	-	991	-	-	-	989	1,135	-	946	-	1,136	1,300	-	1,091	940	1,305	1,487	-	1,257	1,037	1,431	1,625	-	1,381	1,213	1,653	1,865	1,043	1,603	1,115	-	1,255	1,101
KG-LES31-F	-	-	-	-	-	-	-	-	-	-	-	-	1,007	-	-	-	956	1,102	-	912	-	1,100	1,262	-	1,052	901	1,263	1,446	-	1,213	1,046	1,451	1,653	-	1,398	1,153	1,591	1,807	985	1,536	1,349	1,839	2,074	1,159	1,783	1,240	997	1,396	1,225
KG-LGS31-D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,085	-	-	-	-	1,242	-	-	-	1,244	1,423	-	1,194	-	1,429	1,628	-	1,377	1,136	1,566	1,779	-	1,512	1,329	1,810	2,042	1,141	1,755	1,221	-	1,374	1,206
KG-LGS31-E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,162	-	-	-	1,159	1,330	-	1,109	-	1,332	1,524	-	1,279	1,102	1,530	1,743	-	1,474	1,216	1,677	1,905	-	1,619	1,423	1,939	2,187	1,222	1,879	1,307	-	1,472	1,291
KG-LGS31-F	-	-	-	-	-	-	-	-	-	-	-	-	1,182	-	-	-	1,123	1,294	-	-	-	1,291	1,482	-	1,235	-	1,484	1,698	-	1,424	1,228	1,704	1,942	-	1,642	1,355	1,868	2,122	1,157	1,804	1,585	2,159	2,436	1,362	2,094	1,456	1,171	1,640	1,438
KG-LGS31-G	-	-	-	-	-	-	-	1,120	-	-	-	1,109	1,280	-	-	-	1,216	1,401	-	1,159	-	1,398	1,604	-	1,337	1,146	1,606	1,838	-	1,542	1,329	1,845	2,102	1,130	1,778	1,466	2,022	2,297	1,252	1,953	1,716	2,338	2,637	1,474	2,266	1,576	1,268	1,775	1,557
KG-LGS31-H	-	-	-	-	-	-	-	1,195	-	-	-	1,184	1,366	-	1,127	-	1,297	1,495	-	1,237	-	1,492	1,712	-	1,427	1,223	1,714	1,961	-	1,645	1,418	1,969	2,243	1,206	1,897	1,565	2,158	2,451	1,336	2,084	1,831	2,494	2,814	1,573	2,418	1,682	1,353	1,894	1,661
KG-LGS41-F	-	-	1,136	-	-	-	1,121	1,290	-	-	-	1,279	1,468	-	1,220	-	1,398	1,603	-	1,337	1,147	1,600	1,830	-	1,536	1,323	1,833	2,091	1,127	1,764	1,527	2,100	2,386	1,308	2,026	1,682	2,297	2,603	1,445	2,223	1,959	2,649	2,981	1,694	2,570	1,799	1,459	2,022	1,780
KG-LGS41-G	-	-	1,236	-	-	-	1,220	1,403	-	1,160	-	1,392	1,598	-	1,327	1,084	1,521	1,744	-	1,455	1,248	1,741	1,991	-	1,671	1,440	1,994	2,275	1,226	1,919	1,661	2,285	2,596	1,423	2,205	1,830	2,499	2,832	1,572	2,418	2,131	2,882	3,243	1,843	2,797	1,958	1,588	2,200	1,937
KG-LGS41-H	-	1,151	1,327	-	1,091	-	1,309	1,506	-	1,245	-	1,494	1,715	-	1,425	1,163	1,633	1,872	-	1,562	1,340	1,869	2,137	1,136	1,794	1,546	2,141	2,442	1,316	2,061	1,784	2,453	2,787	1,528	2,367	1,964	2,683	3,040	1,688	2,596	2,288	3,094	3,288	1,979	3,002	2,102	1,704	2,362	2,079
KG-LGS41-J	-	1,206	1,391	-	1,144	-	1,372	1,579	-	1,305	1,112	1,565	1,797	-	1,493	1,219	1,711	1,962	-	1,637	1,404	1,958	2,240	1,191	1,880	1,620	2,244	2,559	1,379	2,159	1,869	2,571	2,920	1,601	2,480	2,058	2,812	3,186	1,769	2,721	2,398	3,242	-	2,074	3,146	2,202	1,786	2,475	2,179
KG-LGS51-F	-	-	1,241	-	-	-	1,223	1,434	-	1,155	-	1,422	1,658	-	1,350	-	1,571	1,827	-	1,496	1,258	1,826	2,112	-	1,747	1,480	2,118	2,437	1,234	2,037	1,741	2,452	2,803	1,464	2,371	1,936	2,699	3,069	1,640	2,617	2,290	3,134	3,288	1,962	3,053	2,069	1,653	2,353	2,055
KG-LGS51-G	-	1,150	1,353	-	-	-	1,333	1,563	-	1,259	-	1,550	1,807	-	1,471	1,164	1,712	1,992	-	1,631	1,372	1,991	2,302	1,130	1,905	1,613	2,309	2,656	1,345	2,221	1,898	2,673	3,056	1,596	2,585	2,110	2,942	3,288	1,787	2,853	2,496	3,288	-	2,139	3,288	2,255	1,802	2,565	2,240
KG-LGS51-H	-	1,211	1,425	-	1,137	-	1,404	1,646	-	1,326	1,100	1,632	1,902	-	1,549	1,226	1,803	2,098	-	1,717	1,444	2,096	2,424	1,190	2,006	1,699	2,431	2,797	1,416	2,339	1,998	2,815	3,217	1,681	2,721	2,222	3,098	-	1,882	3,004	2,629	-	-	2,252	-	2,375	1,897	2,701	2,359
KG-LGS51-J	-	1,250	1,471	-	1,174	-	1,449	1,699	-	1,369	1,135	1,684	1,964	-	1,599	1,265	1,861	2,165	-	1,772	1,491	2,164	2,502	1,229	2,070	1,753	2,510	2,887	1,462	2,414	2,063	2,905	3,288	1,735	2,809	2,293	3,198	-	1,943	3,101	2,713	-	-	2,324	-	2,451	1,958	2,788	2,435
KG-LGS61-F	-	1,113	1,313	-	-	-	1,293	1,517	-	1,219	-	1,503	1,755	-	1,425	1,125	1,661	1,936	-	1,582	1,327	1,934	2,237	1,092	1,848	1,564	2,245	2,583	1,299	2,157	1,840	2,601	2,974	1,545	2,512	2,047	2,865	3,258	1,732	2,775	2,425	3,288	3,288	2,072	3,240	2,194	1,747	2,496	2,177
KG-LGS61-G	-	1,207	1,424	-	1,132	-	1,402	1,645	-	1,322	1,094	1,630	1,903	-	1,546	1,220	1,802	2,099	-	1,716	1,439	2,097	2,426	1,184	2,004	1,696	2,435	2,802	1,409	2,339	1,996	2,821	3,226	1,676	2,725	2,220	3,107	3,288	1,878	3,009	2,630	-	-	2,248	3,288	2,379	1,894	2,707	2,361
KG-LGS61-H	-	1,268	1,495	-	1,189	-	1,472	1,727	-	1,388	1,148	1,711	1,998	-	1,623	1,281	1,892	2,204	-	1,801	1,511	2,202	2,547	1,243	2,104	1,781	2,556	2,941	1,479	2,456	2,095	2,962	3,288	1,759	2,861	2,331	3,262	-	1,972	3,159	2,761	-	-	2,360	-	2,498	1,989	2,842	2,478
KG-LGS61-J	-	1,303	1,537	-	1,222	-	1,513	1,776	-	1,426	1,181	1,759	2,054	-	1,668	1,317	1,945	2,266	-	1,852	1,553	2,263	2,618	1,278	2,163	1,831	2,628	3,024	1,521	2,525	2,154	3,045	-	1,809	2,941	2,396	3,288	-	2,027	3,248	2,838	-	-	2,426	-	2,568	2,045	2,922	2,548
KG-LJS31-G	-	-	-	-	-	-	-	-	-	-	-	-	1,448	-	-	-	1,375	1,584	-	1,311	-	1,581	1,815	-	1,512	1,296	1,817	2,079	-	1,744	1,504	2,087	2,377	1,278	2,011	1,659	2,288	2,599	1,417	2,209	1,940	2,644	2,982	1,667	2,564	1,783	1,434	2,008	1,761
KG-LJS31-H	-	-	-	-	-	-	-	1,342	-	-	-	1,329	1,533	-	-	-	1,457	1,678	-	1,389	-	1,675	1,922	-	1,602	1,373	1,924	2,202	-	1,847	1,593	2,210	2,518	1,354	2,130	1,757	2,423	2,753	1,501	2,340	2,056	2,801	3,159	1,766	2,716	1,889	1,519	2,127	1,865
KG-LJS31-J	-	-	-	-	-	-	-	1,431	-	-	-	1,417	1,635	-	1,349	-	1,553	1,789	-	1,481	-	1,786	2,050	-	1,708	1,464	2,052	2,348	-	1,970	1,698	2,357	2,685	1,444	2,271	1,873	2,584	2,935	1,600	2,494	2,192	2,986	3,368	1,883	2,895	2,014	1,620	2,267	1,989
KG-LJS41-E	-	-	-	-	-	-	-	1,286	-	-	-	1,276	1,464	-	-	-	1,394	1,599	-	1,334	-	1,596	1,825	-	1,532	1,320	1,828	2,085	-	1,759	1,523	2,095	2,380	1,305	2,021	1,677	2,291	2,596	1,441	2,217	1,954	2,642	2,973	1,690	2,563	1,795	1,455	2,017	1,775
KG-LJS41-F	-	-	-	-	-	-	-	1,417	-	-	-	1,405	1,613	-	1,340	-	1,536	1,761	-	1,469	-	1,758	2,010	-	1,687	1,454	2,014	2,297	-	1,938	1,678	2,307	2,621	1,437	2,226	1,847	2,524	2,859	1,588	2,442	2,152	2,910	3,275	1,861	2,824	1,977	1,603	2,221	1,956
KG-LJS41-G	-	-	1,366	-	-	-	1,348	1,551	-	1,282	-	1,538	1,766	-	1,467	-	1,681	1,928	-	1,608	1,379	1,924	2,201	-	1,847	1,591	2,205	2,515	1,355	2,122	1,837	2,526	2,870	1,573	2,437	2,022	2,763	3,130	1,738	2,673	2,356	3,186	3,585	2,038	3,091	2,164	1,755	2,432	2,141
KG-LJS41-H	-	-	1,454	-	-	-	1,435	1,651	-	1,364	-	1,637	1,879	-	1,561	1,275	1,790	2,052	-	1,712	1,468	2,048	2,342	-	1,966	1,694	2,346	2,676	1,442	2,258	1,955	2,688	3,054	1,674	2,594	2,152	2,940	3,331	1,850	2,845	2,507	3,391	3,816	2,169	3,290	2,303	1,868	2,588	2,278
KG-LJS41-J	-	1,319	1,521	-	-	-	1,501	1,726	-	1,427	-	1,712	1,966	-	1,633	1,333	1,872	2,146	-	1,790	1,535	2,142	2,449	1,302	2,056	1,771	2,454	2,799	1,508	2,362	2,044	2,811	3,194	1,751	2,713	2,251	3,075	3,484	1,934	2,975	2,622	3,546	3,847	2,268	3,441	2,409	1,953	2,707	2,383
KG-LJS41-K	-	1,443	1,663	-	1,368	-	1,641	1,888	-	1,561	1,330	1,872	2,150	-	1,786	1,458	2,047	2,347	-	1,958	1,679	2,342	2,679	1,424	2,248	1,937	2,684	3,061	1,650	2,583	2,236	3,075	3,493	1,915	2,967	2,462	3,363	3,810	2,115	3,254	2,868	3,847	-	2,480	3,763	2,634	2,136	2,960	2,606
KG-LJS41-L	-	1,487	1,715	-	1,410	-	1,692	1,947	-	1,609	1,371	1,930	2,216	-	1,841	1,503	2,110	2,420	1,270	2,018	1,731	2,415	2,762	1,468	2,318	1,997	2,767	3,156	1,701	2,663	2,305	3,170	3,601	1,974	3,058	2,538	3,467	3,847	2,181	3,355	2,957	-	-	2,557	3,847	2,716	2,202	3,052	2,687
KG-LJS51-F	-	-	1,362	-	-	-	1,341	1,573	-	1,267	-	1,560	1,818	-	1,481	-	1,723	2,005	-	1,641	1,380	2,003	2,317	-	1,917	1,624	2,324	2,673	1,353	2,235	1,910	2,690	3,075	1,606	2,601	2,123	2,961	3,367	1,799	2,871	2,512	3,439	3,847	2,152	3,349	2,269	1,813	2,581	2,255
KG-LJS51-G	-	-	1,465	-	-	-	1,443	1,693	-	1,363	-	1,678	1,956	-	1,593	-	1,854	2,157	-	1,766	1,485	2,155	2,492	-	2,062	1,747	2,500	2,876	1,456	2,404	2,054	2,894	3,308	1,728	2,798	2,284	3,186	3,622	1,935	3,089	2,703	3,699	-	2,315	3,603	2,441	1,950	2,777	2,426
KG-LJS51-H	-	1,326	1,560	-	-	-	1,536	1,802	-	1,451	-	1,786	2,082	-	1,696	1,342	1,973	2,296	-	1,880	1,581	2,294	2,653	1,303	2,195	1,859	2,661	3,061	1,550	2,560	2,187	3,081	3,522	1,840	2,979	2,432	3,391	3,847	2,060	3,288	2,877	3,847	-	2,465	3,835	2,599	2,076	2,956	2,582
KG-LJS51-J	-	1,370	1,611	-	1,286	-	1,587	1,861	-	1,500	-	1,845	2,151	-	1,752	1,386	2,039	2,372	-	1,942	1,633	2,370	2,741	1,346	2,268	1,921	2,749	3,163	1,601	2,644	2,260	3,183	3,638	1,901	3,077	2,512	3,503	-	2,128	3,397	2,972	-	-	2,547	3,847	2,685	2,145	3,054	2,668
KG-LJS51-K	-	1,506	1,772	-	1,414	-	1,745	2,047	-	1,649	1,367	2,029	2,366	-	1,927	1,524	2,242	2,608	-	2,135	1,796	2,607	3,014	1,480	2,494	2,112	3,023	3,478	1,761	2,908	2,485	3,500	3,847	2,090	3,384	2,762	3,847	-	2,340	3,735	3,269	-	-	2,800	-	2,953	2,359	3,358	2,933
KG-LJS51-L	-	1,579	1,858	-	1,483	-	1,830	2,146	-	1,729	1,434	2,128	2,481	-	2,020	1,598	2,351	2,735	1,305	2,239	1,883	2,733	3,160	1,552	2,615	2,215	3,170	3,647	1,846	3,049	2,605	3,670	-	2,191	3,548	2,897	-	-	2,454	3,847	3,427	-	-	2,936	-	3,096	2,473	3,522	3,076
KG-LJS51-M	-	1,779	2,093	-	1,671	1,372	2,062	2,418	-	1,948	1,615	2,397	2,794	1,309	2,276	1,801	2,648	3,081	1,470	2,522	2,121	3,079	3,560	1,748	2,946	2,495	3,571	3,847	2,080	3,435	2,935	3,847	-	2,469	3,847	3,263	-	-	2,765	-	3,847	-	-	3,308	-	3,488	2,786	3,847	3,465
KG-LJS61-F	-	-	1,430	-	-	-	1,408	1,652	-	1,327	-	1,637	1,911	-	1,553	-	1,810	2,109	-	1,723	1,446	2,106	2,437	-	2,013	1,704	2,445	2,814	1,415	2,349	2,004	2,834	3,240	1,683	2,737	2,230	3,121	3,550	1,886	3,023	2,641	3,628	3,847	2,257	3,529	2,390	1,903	2,719	2,371
KG-LJS61-G	-	1,298	1,530	-	-	-	1,507	1,768	-	1,420	-	1,752	2,045	-	1,661	1,312	1,937	2,256	-	1,844	1,547	2,254	2,607	1,273	2,154	1,823	2,617	3,011	1,514	2,514	2,145	3,032	3,467	1,801	2,928	2,386	3,339	3,798	2,018	3,234	2,826	3,847	-	2,415	3,776	2,557	2,036	2,909	2,537
KG-LJS61-H	-	1,380	1,628	-	1,294	-	1,602	1,880	-	1,511	-	1,863	2,175	-	1,767	1,395	2,060	2,400	-	1,961	1,645	2,397	2,773	1,354	2,291	1,939	2,783	3,203	1,611	2,674	2,281	3,225	3,687	1,916	3,115	2,538	3,552	3,847	2,147	3,440	3,006	-	-	2,569	3,847	2,720	2,165	3,094	2,698
KG-LJS61-J	-	1,423	1,679	-	1,335	-	1,653	1,939	-	1,558	1,290	1,921	2,243	-	1,822	1,439	2,124	2,475	-	2,023	1,697	2,472	2,860	1,396	2,363	2,000	2,870	3,303	1,661	2,758	2,353	3,326	3,803	1,976	3,212	2,617	3,663	-	2,214	3,548	3,100	-	-	2,650	-	2,805	2,233	3,191	2,783
KG-LJS61-K	-	1,560	1,839	-	1,463	-	1,811	2,125	-	1,707	1,413	2,105	2,458	-	1,997	1,576	2,327	2,712	1,284	2,216	1,859	2,709	3,133	1,529	2,589	2,191	3,145	3,619	1,820	3,021	2,578	3,644	3,847	2,165	3,519	2,868	3,847	-	2,426	3,847	3,397	-	-	2,903	-	3,073	2,447	3,496	3,049
KG-LJS61-L	-	1,628	1,919	-	1,526	-	1,890	2,217	-	1,781	1,474	2,197	2,565	-	2,083	1,645	2,429	2,830	1,340	2,313	1,940	2,827	3,270	1,596	2,701	2,287	3,282	3,776	1,899	3,153	2,690	3,803	-	2,259	3,673	2,993	-	-	2,532	-	3,545	-	-	3,029	-	3,207	2,553	3,649	3,182
KG-LJS61-M	-	1,848	2,179	-	1,733	1,422	2,145	2,517	-	2,023	1,674	2,494	2,912	1,355	2,365	1,868	2,757	3,213	1,522	2,626	2,203	3,209	3,712	1,812	3,067	2,596	3,726	3,847	2,156	3,580	3,054	3,847	-	2,565	3,847	3,398	-	-	2,874	-	3,847	-	-	3,439	-	3,641	2,899	3,847	3,612
KG-LNS41-G	-	-	1,593	-	-	-	1,572	1,809	-	1,495	-	1,794	2,060	-	1,711	-	1,961	2,249	-	1,876	1,609	2,244	2,566	-	2,154	1,856	2,571	2,933	1,580	2,475	2,142	2,946	3,347	1,835	2,842	2,359	3,222	3,650	2,027	3,118	2,748	3,715	4,181	2,376	3,605	2,524	2,047	2,836	2,497
KG-LNS41-H	-	1,453	1,675	-	-	-	1,653	1,902	-	1,572	-	1,886	2,165	-	1,799	1,469	2,062	2,364	-	1,972	1,691	2,359	2,698	-	2,265	1,951	2,703	3,083	1,662	2,602	2,252	3,097	3,518	1,929	2,988	2,480	3,388	3,838	2,131	3,278	2,889	3,906	4,396	2,498	3,790	2,653	2,152	2,982	2,625
KG-LNS41-J	-	1,540	1,775	-	1,460	-	1,752	2,015	-	1,666	-	1,999	2,294	-	1,906	1,556	2,185	2,505	-	2,089	1,792	2,500	2,859	1,520	2,400	2,068	2,865	3,267	1,761	2,757	2,386	3,282	3,728	2,044	3,167	2,628	3,590	4,067	2,258	3,473	3,061	4,139	4,406	2,647	4,017	2,812	2,280	3,160	2,782
KG-LNS41-K	-	1,708	1,969	-	1,619	-	1,943	2,236	-	1,848	1,575	2,217	2,545	-	2,114	1,726	2,423	2,779	1,458	2,318	1,988	2,773	3,172	1,686	2,662	2,294	3,177	3,624	1,953	3,058	2,647	3,640	4,136	2,267	3,512	2,915	3,982	4,406	2,505	3,853	3,395	4,406	-	2,937	4,406	3,119	2,529	3,505	3,085
KG-LNS41-L	-	1,845	2,127	-	1,749	1,485	2,098	2,414	-	1,996	1,701	2,394	2,749	-	2,283	1,864	2,617	3,001	1,575	2,503	2,147	2,995	3,425	1,821	2,875	2,477	3,432	3,914	2,109	3,302	2,859	3,931	4,406	2,449	3,793	3,148	4,300	-	2,705	4,161	3,667	-	-	3,172	-	3,368	2,732	3,785	3,332
KG-LNS41-M	-	1,950	2,248	-	1,849	1,569	2,218	2,552	-	2,109	1,798	2,531	2,905	1,514	2,414	1,971	2,766	3,172	1,665	2,646	2,270	3,166	3,620	1,925	3,038	2,618	3,627	4,137	2,229	3,491	3,022	4,156	-	2,588	4,009	3,327	4,406	-	2,859	4,398	3,876	-	-	3,352	-	3,560	2,887	4,001	3,522
KG-LNS51-F	-	-	1,634	-	-	-	1,610	1,888	-	1,521	-	1,872	2,182	-	1,777	-	2,068	2,406	-	1,969	1,656	2,404	2,780	-	2,300	1,948	2,789	3,208	1,624	2,682	2,292	3,228	3,690	1,928	3,121	2,548	3,553	4,040	2,159	3,445	3,015	4,126	4,406	2,583	4,019	2,723	2,176	3,098	2,706
KG-LNS51-G	-	1,487	1,749	-	-	-	1,723	2,020	-	1,628	-	2,003	2,335	-	1,902	1,505	2,213	2,574	-	2,108	1,773	2,573	2,975	1,461	2,462	2,085	2,984	3,433	1,738	2,870	2,453	3,455	3,949	2,063	3,340	2,727	3,803	4,324	2,310	3,687	3,226	4,406	-	2,764	4,301	2,914	2,328	3,315	2,895
KG-LNS51-H	-	1,574	1,852	-	1,478	-	1,824	2,140	-	1,724	-	2,121	2,473	-	2,014	1,593	2,343	2,726	-	2,232	1,877	2,725	3,151	1,547	2,607	2,208	3,160	3,635	1,840	3,040	2,597	3,659	4,182	2,185	3,537	2,888	4,027	4,406	2,446	3,905	3,417	-	-	2,927	4,406	3,086	2,466	3,511	3,066
KG-LNS51-J	-	1,665	1,958	-	1,563	-	1,929	2,262	-	1,822	1,511	2,243	2,614	-	2,129	1,685	2,478	2,883	-	2,360	1,985	2,881	3,331	1,636	2,756	2,335	3,341	3,844	1,946	3,214	2,746	3,868	4,406	2,310	3,740	3,053	4,258	-	2,587	4,128	3,612	-	-	3,095	-	3,263	2,607	3,712	3,242
KG-LNS51-K	-	1,840	2,165	-	1,728	-	2,132	2,501	-	2,014	1,670	2,479	2,890	-	2,354	1,862	2,739	3,186	1,520	2,609	2,194	3,184	3,682	1,808	3,047	2,581	3,694	4,249	2,151	3,553	3,035	4,276	-	2,553	4,134	3,375	4,406	-	2,859	4,406	3,993	-	-	3,421	-	3,607	2,882	4,103	3,584
KG-LNS51-L	-	1,960	2,305	-	1,840	1,511	2,271	2,663	-	2,145	1,779	2,640	3,078	-	2,506	1,983	2,917	3,393	1,619	2,778	2,336	3,391	3,921	1,925	3,244	2,748	3,933	4,406	2,291	3,783	3,232	4,406	-	2,719	4,402	3,594	-	-	3,045	-	4,252	-	-	3,643	-	3,841	3,069	4,369	3,816
KG-LNS51-M	-	2,101	2,471	-	1,973	1,620	2,434	2,855	-	2,300	1,907	2,830	3,300	1,546	2,687	2,126	3,127

KG Series Heat Rejection Capacity
KG-L Line (Super Low Noise Type)
with VR Stack Circulating Water Flowrate (gpm) IP Units

Condition Reference #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Inlet Water Temperature °F	67	70	72	72	77	72	75	77	77	82	77	80	82	82	87	82	85	87	87	92	87	90	92	92	97	92	95	97	97	102	97	100	102	102	107	102	105	107	107	112	107	110	112	112	117	89.6	95	98.6	98.6
Outlet Water Temperature °F	57	60	62	57	62	62	65	67	62	67	67	70	72	67	72	72	75	77	72	77	77	80	82	77	82	82	85	87	82	87	87	90	92	87	92	92	95	97	92	97	97	100	102	97	102	80.6	85	89.6	89.6
Wet Bulb °F	50	50	50	50	50	55	55	55	55	55	60	60	60	60	60	65	65	65	65	65	70	70	70	70	70	75	75	75	75	75	80	80	80	80	80	85	85	85	85	85	90	90	90	90	90	69.8	78	80.6	82.4
Range °F	10	10	10	15	15	10	10	10	15	15	10	10	10	15	15	10	10	10	15	15	10	10	10	15	15	10	10	10	15	15	10	10	10	15	15	10	10	15	15	10	10	10	10	15	15	9	10	9	9
Approach °F	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	7	10	12	7	12	10.8	7	9	7.2
Super Low Noise Type																																																	
KG-LES31-D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	942	-	-	-	940	1,079	-	899	-	1,080	1,236	-	1,037	-	1,241	1,414	-	1,196	986	1,360	1,545	-	1,313	1,154	1,572	1,774	991	1,524	1,060	-	1,194	1,047
KG-LES31-E	-	-	-	-	-	-	-	-	-	-	-	-	934	-	-	-	-	1,022	-	-	-	1,020	1,170	-	975	-	1,172	1,341	-	1,125	970	1,346	1,533	-	1,297	1,070	1,475	1,676	913	1,424	1,251	1,705	1,923	1,075	1,653	1,150	925	1,295	1,136
KG-LES31-F	-	-	-	-	-	-	-	909	-	-	-	901	1,039	-	-	-	987	1,137	-	941	-	1,135	1,303	-	1,085	930	1,304	1,492	-	1,252	1,079	1,498	1,706	918	1,443	1,191	1,642	1,865	1,017	1,585	1,393	1,898	2,141	1,197	1,840	1,280	1,029	1,441	1,264
KG-LGS31-D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,117	-	-	-	1,115	1,280	-	-	-	1,281	1,466	-	1,230	-	1,471	1,676	-	1,418	1,170	1,613	1,832	-	1,557	1,368	1,864	2,103	1,176	1,808	1,257	-	1,416	1,242
KG-LGS31-E	-	-	-	-	-	-	-	-	-	-	-	-	1,093	-	-	-	-	1,196	-	-	-	1,194	1,370	-	1,142	-	1,372	1,570	-	1,317	1,135	1,576	1,795	-	1,519	1,253	1,728	1,962	-	1,668	1,465	1,997	2,252	1,259	1,936	1,346	1,083	1,516	1,330
KG-LGS31-F	-	-	-	-	-	-	-	-	-	-	-	-	1,219	-	-	-	1,158	1,334	-	1,104	-	1,331	1,528	-	1,273	1,091	1,529	1,750	-	1,468	1,266	1,757	2,001	-	1,693	1,396	1,926	2,188	1,193	1,859	1,634	2,226	2,511	1,404	2,158	1,501	1,207	1,690	1,483
KG-LGS31-G	-	-	-	-	-	-	-	1,155	-	-	-	1,144	1,320	-	1,089	-	1,254	1,445	-	1,196	-	1,442	1,655	-	1,379	1,182	1,657	1,896	-	1,591	1,371	1,903	2,168	1,166	1,834	1,513	2,087	2,370	1,292	2,015	1,770	2,412	2,720	1,521	2,338	1,626	1,308	1,831	1,606
KG-LGS31-H	-	-	1,083	-	-	-	-	1,234	-	-	-	1,222	1,410	-	1,163	-	1,340	1,543	-	1,278	1,091	1,540	1,768	-	1,473	1,263	1,770	2,025	-	1,699	1,465	2,033	2,316	1,245	1,959	1,616	2,229	2,532	1,380	2,152	1,890	2,576	2,905	1,624	2,497	1,737	1,397	1,956	1,716
KG-LGS41-F	-	-	1,171	-	-	-	1,156	1,330	-	1,099	-	1,319	1,514	-	1,258	-	1,442	1,653	-	1,379	1,183	1,650	1,887	-	1,583	1,364	1,890	2,156	1,162	1,819	1,574	2,165	2,460	1,349	2,089	1,734	2,369	2,683	1,490	2,292	2,020	2,731	3,073	1,747	2,650	1,855	1,504	2,085	1,835
KG-LGS41-G	-	1,106	1,275	-	-	-	1,258	1,448	-	1,196	-	1,435	1,648	-	1,369	1,118	1,569	1,799	-	1,501	1,287	1,796	2,054	1,092	1,724	1,485	2,057	2,347	1,265	1,980	1,714	2,357	2,678	1,468	2,274	1,887	2,578	2,921	1,622	2,495	2,199	2,973	3,288	1,901	2,885	2,020	1,638	2,269	1,998
KG-LGS41-H	-	1,188	1,370	-	1,126	-	1,352	1,555	-	1,285	1,095	1,542	1,770	-	1,471	1,201	1,686	1,933	-	1,612	1,383	1,929	2,206	1,173	1,851	1,596	2,210	2,521	1,359	2,127	1,841	2,532	2,877	1,577	2,443	2,027	2,770	3,138	1,742	2,680	2,362	3,194	-	2,043	3,099	2,169	1,759	2,438	2,146
KG-LGS41-J	-	1,246	1,436	-	1,181	-	1,417	1,630	-	1,348	1,149	1,617	1,856	-	1,542	1,259	1,768	2,027	-	1,690	1,450	2,023	2,313	1,230	1,941	1,673	2,317	2,643	1,424	2,230	1,931	2,655	3,016	1,654	2,562	2,126	2,904	3,288	1,827	2,810	2,476	3,288	-	2,142	3,249	2,275	1,845	2,556	2,250
KG-LGS51-F	-	1,096	1,290	-	-	-	1,270	1,490	-	1,200	-	1,477	1,722	-	1,402	1,110	1,632	1,899	-	1,554	1,307	1,897	2,194	-	1,815	1,538	2,201	2,532	1,282	2,117	1,809	2,548	2,912	1,521	2,463	2,011	2,804	3,189	1,704	2,719	2,379	3,256	3,288	2,038	3,172	2,149	1,717	2,445	2,135
KG-LGS51-G	-	1,196	1,407	-	1,123	-	1,386	1,625	-	1,309	1,085	1,611	1,878	-	1,530	1,210	1,780	2,071	-	1,695	1,426	2,069	2,393	1,175	1,980	1,677	2,400	2,761	1,398	2,309	1,973	2,779	3,176	1,659	2,687	2,193	3,059	3,288	1,858	2,965	2,595	3,288	-	2,223	3,288	2,344	1,873	2,666	2,329
KG-LGS51-H	-	1,260	1,482	-	1,183	-	1,460	1,712	-	1,379	1,143	1,697	1,979	-	1,611	1,275	1,875	2,181	-	1,786	1,502	2,180	2,521	1,238	2,086	1,767	2,529	2,909	1,473	2,432	2,078	2,927	3,288	1,748	2,830	2,310	3,222	-	1,957	3,124	2,734	-	-	2,342	-	2,469	1,973	2,809	2,453
KG-LGS51-J	-	1,301	1,530	-	1,221	-	1,507	1,768	-	1,424	1,181	1,752	2,043	-	1,664	1,316	1,936	2,252	-	1,844	1,551	2,251	2,603	1,278	2,154	1,824	2,611	3,003	1,520	2,511	2,146	3,023	-	1,805	2,922	2,386	3,288	-	2,021	3,226	2,823	-	-	2,418	-	2,550	2,037	2,900	2,533
KG-LGS61-F	-	1,170	1,379	-	1,097	-	1,358	1,593	-	1,280	-	1,579	1,843	-	1,497	1,182	1,745	2,033	-	1,662	1,394	2,031	2,350	1,147	1,941	1,643	2,358	2,714	1,365	2,266	1,933	2,732	3,125	1,623	2,639	2,150	3,010	3,288	1,819	2,915	2,547	3,288	3,288	2,177	3,288	2,305	1,835	2,622	2,286
KG-LGS61-G	-	1,269	1,496	-	1,190	-	1,473	1,729	-	1,389	1,149	1,713	2,000	-	1,624	1,282	1,893	2,206	-	1,803	1,512	2,204	2,549	1,244	2,106	1,783	2,558	2,944	1,481	2,458	2,097	2,964	3,288	1,761	2,863	2,333	3,265	-	1,974	3,162	2,763	-	-	2,362	-	2,500	1,991	2,844	2,480
KG-LGS61-H	-	1,333	1,571	-	1,250	-	1,547	1,815	-	1,459	1,207	1,799	2,100	-	1,706	1,347	1,989	2,317	1,097	1,894	1,588	2,314	2,677	1,307	2,212	1,872	2,687	3,092	1,555	2,581	2,202	3,113	-	1,849	3,007	2,450	3,288	-	2,073	3,288	2,902	-	-	2,480	-	2,626	2,091	2,987	2,605
KG-LGS61-J	-	1,370	1,616	-	1,285	-	1,591	1,867	-	1,500	1,241	1,850	2,160	-	1,754	1,385	2,045	2,383	1,129	1,947	1,633	2,380	2,753	1,344	2,274	1,925	2,763	3,180	1,599	2,655	2,265	3,202	-	1,902	3,092	2,520	-	-	2,131	-	2,984	-	-	2,551	-	2,700	2,150	3,072	2,679
KG-LJS31-G	-	-	-	-	-	-	-	1,297	-	-	-	1,285	1,483	-	-	-	1,409	1,623	-	1,343	-	1,620	1,859	-	1,549	1,327	1,861	2,129	-	1,786	1,540	2,137	2,435	1,309	2,060	1,699	2,343	2,662	1,451	2,262	1,987	2,708	3,055	1,708	2,626	1,826	1,469	2,056	1,804
KG-LJS31-H	-	-	-	-	-	-	-	1,375	-	-	-	1,362	1,571	-	1,296	-	1,493	1,720	-	1,424	-	1,716	1,970	-	1,642	1,407	1,972	2,257	-	1,893	1,632	2,265	2,581	1,388	2,183	1,801	2,483	2,821	1,538	2,398	2,106	2,870	3,238	1,810	2,783	1,935	1,557	2,179	1,912
KG-LJS31-J	-	-	1,280	-	-	-	-	1,459	-	-	-	1,445	1,667	-	1,375	-	1,583	1,824	-	1,510	1,289	1,821	2,090	-	1,741	1,492	2,092	2,394	-	2,008	1,731	2,403	2,737	1,472	2,315	1,910	2,634	2,992	1,631	2,543	2,234	3,045	3,434	1,920	2,952	2,053	1,651	2,312	2,028
KG-LJS41-E	-	-	-	-	-	-	-	1,339	-	-	-	1,328	1,524	-	-	-	1,452	1,664	-	1,388	-	1,661	1,900	-	1,594	1,374	1,903	2,171	-	1,831	1,585	2,180	2,477	1,358	2,104	1,746	2,385	2,702	1,500	2,307	2,034	2,750	3,095	1,759	2,668	1,868	1,515	2,099	1,848
KG-LJS41-F	-	-	1,299	-	-	-	1,282	1,475	-	-	-	1,463	1,679	-	1,395	-	1,599	1,834	-	1,529	1,312	1,830	2,093	-	1,756	1,514	2,097	2,391	1,289	2,018	1,747	2,402	2,729	1,496	2,318	1,923	2,627	2,977	1,653	2,542	2,240	3,030	3,409	1,938	2,940	2,058	1,669	2,313	2,036
KG-LJS41-G	-	-	1,415	-	-	-	1,396	1,606	-	1,327	-	1,593	1,828	-	1,519	-	1,741	1,996	-	1,665	1,428	1,992	2,279	-	1,912	1,648	2,283	2,604	1,403	2,197	1,902	2,615	2,971	1,629	2,523	2,094	2,861	3,241	1,799	2,768	2,439	3,299	3,712	2,110	3,201	2,241	1,817	2,518	2,217
KG-LJS41-H	-	1,307	1,506	-	-	-	1,486	1,710	-	1,414	-	1,696	1,947	-	1,618	1,321	1,854	2,126	-	1,773	1,521	2,122	2,426	1,290	2,036	1,755	2,431	2,773	1,494	2,339	2,025	2,785	3,164	1,735	2,687	2,230	3,046	3,451	1,916	2,947	2,598	3,513	3,847	2,247	3,409	2,386	1,935	2,681	2,360
KG-LJS41-J	-	1,367	1,576	-	1,296	-	1,555	1,790	-	1,479	-	1,775	2,037	-	1,693	1,382	1,940	2,224	-	1,855	1,592	2,220	2,539	1,350	2,131	1,836	2,544	2,901	1,563	2,448	2,119	2,914	3,311	1,815	2,812	2,333	3,188	3,611	2,005	3,084	2,718	3,675	-	2,351	3,567	2,497	2,025	2,806	2,470
KG-LJS41-K	-	1,497	1,726	-	1,420	-	1,703	1,960	-	1,620	1,380	1,943	2,231	-	1,853	1,513	2,124	2,436	1,278	2,032	1,743	2,431	2,780	1,478	2,333	2,011	2,785	3,177	1,712	2,681	2,320	3,191	3,625	1,988	3,079	2,555	3,490	3,847	2,196	3,377	2,976	3,847	-	2,574	3,847	2,734	2,217	3,072	2,705
KG-LJS41-L	-	1,544	1,781	-	1,464	-	1,757	2,021	-	1,671	1,424	2,005	2,301	-	1,912	1,561	2,191	2,512	1,318	2,096	1,798	2,507	2,868	1,525	2,407	2,074	2,873	3,277	1,766	2,765	2,393	3,292	3,740	2,050	3,176	2,636	3,600	-	2,265	3,484	3,070	-	-	2,655	-	2,820	2,287	3,169	2,790
KG-LJS51-F	-	-	1,430	-	-	-	1,408	1,651	-	1,330	-	1,637	1,909	-	1,554	-	1,809	2,104	-	1,723	1,449	2,103	2,432	-	2,012	1,704	2,439	2,806	1,421	2,346	2,005	2,824	3,228	1,686	2,730	2,229	3,108	3,534	1,888	3,014	2,637	3,609	3,847	2,259	3,515	2,382	1,903	2,710	2,367
KG-LJS51-G	-	1,308	1,538	-	-	-	1,515	1,777	-	1,432	-	1,762	2,054	-	1,673	1,324	1,947	2,265	-	1,854	1,559	2,263	2,617	1,285	2,165	1,834	2,625	3,020	1,529	2,525	2,157	3,039	3,474	1,815	2,938	2,399	3,345	3,803	2,032	3,243	2,838	3,847	-	2,431	3,783	2,564	2,048	2,916	2,547
KG-LJS51-H	-	1,393	1,639	-	1,308	-	1,614	1,893	-	1,525	-	1,877	2,188	-	1,782	1,410	2,073	2,412	-	1,975	1,661	2,411	2,788	1,369	2,306	1,954	2,796	3,216	1,628	2,689	2,298	3,237	3,700	1,933	3,130	2,555	3,563	3,847	2,165	3,455	3,023	-	-	2,590	3,847	2,731	2,182	3,106	2,713
KG-LJS51-J	-	1,440	1,694	-	1,352	-	1,668	1,956	-	1,576	1,307	1,940	2,261	-	1,841	1,457	2,143	2,493	-	2,041	1,716	2,491	2,881	1,415	2,384	2,019	2,890	3,324	1,683	2,779	2,375	3,345	3,824	1,998	3,234	2,640	3,682	-	2,237	3,570	3,124	-	-	2,677	-	2,822	2,255	3,210	2,804
KG-LJS51-K	-	1,576	1,854	-	1,480	-	1,826	2,142	-	1,726	1,431	2,124	2,476	-	2,016	1,595	2,346	2,729	1,302	2,234	1,879	2,728	3,154	1,549	2,610	2,211	3,164	3,639	1,842	3,043	2,600	3,663	3,847	2,187	3,541	2,891	3,847	-	2,449	3,847	3,420	-	-	2,930	-	3,090	2,468	3,515	3,070
KG-LJS51-L	-	1,654	1,946	-	1,553	1,276	1,917	2,248	-	1,811	1,501	2,228	2,598	-	2,116	1,674	2,462	2,864	1,366	2,345	1,972	2,862	3,310	1,625	2,739	2,320	3,320	3,819	1,933	3,193	2,729	3,843	-	2,295	3,716	3,034	-	-	2,570	-	3,589	-	-	3,075	-	3,242	2,590	3,688	3,221
KG-LJS51-M	-	1,868	2,197	-	1,754	1,441	2,164	2,538	-	2,045	1,696	2,516	2,934	1,374	2,389	1,890	2,780	3,234	1,543	2,648	2,227	3,233	3,738	1,835	3,093	2,620	3,749	3,847	2,183	3,606	3,081	3,847	-	2,592	3,847	3,426	-	-	2,902	-	3,847	-	-	3,473	-	3,662	2,925	3,847	3,638
KG-LJS61-F	-	1,288	1,519	-	-	-	1,495	1,755	-	1,410	-	1,739	2,030	-	1,649	1,302	1,922	2,240	-	1,830	1,535	2,237	2,588	-	2,138	1,810	2,597	2,989	1,503	2,495	2,129	3,009	3,441	1,788	2,907	2,368	3,315	3,770	2,003	3,210	2,805	3,847	3,847	2,398	3,748	2,538	2,021	2,888	2,518
KG-LJS61-G	-	1,378	1,625	-	1,293	-	1,600	1,878	-	1,509	-	1,861	2,172	-	1,764	1,393	2,057	2,397	-	1,959	1,643	2,394	2,769	1,352	2,288	1,937	2,779	3,198	1,608	2,670	2,278	3,220	3,682	1,913	3,110	2,534	3,547	3,847	2,144	3,435	3,002	-	-	2,566	3,847	2,716	2,162	3,090	2,695
KG-LJS61-H	-	1,467	1,729	-	1,375	-	1,703	1,998	-	1,605	1,329	1,980	2,311	-	1,877	1,482	2,189	2,550	-	2,084	1,748	2,547	2,946	1,438	2,434	2,060	2,957	3,403	1,711	2,841	2,424	3,426	3,847	2,035	3,309	2,697	3,774	-	2,281	3,655	3,194	-	-	2,730	-	2,890	2,301	3,288	2,867
KG-LJS61-J	-	1,513	1,784	-	1,419	-	1,756	2,061	-	1,656	1,371	2,042	2,384	-	1,937	1,529	2,258	2,630	-	2,150	1,803	2,627	3,039	1,484	2,511	2,125	3,050	3,510	1,765	2,931	2,500	3,535	-	2,100	3,414	2,782	3,847	-	2,353	3,771	3,295	-	-	2,816	-	2,981	2,373	3,392	2,958
KG-LJS61-K	-	1,652	1,948	-	1,549	1,271	1,918	2,250	-	1,808	1,496	2,230	2,603	-	2,114	1,670	2,465	2,872	1,360	2,347	1,969	2,869	3,319	1,620	2,741	2,321	3,331	3,833	1,927	3,200	2,730	3,847	-	2,292	3,727	3,037	-	-	2,569	3,847	3,597	-	-	3,074	-	3,255	2,591	3,703	3,229
KG-LJS61-L	-	1,725	2,034	-	1,618	1,328	2,002	2,350	-	1,888	1,563	2,328	2,718	-	2,208	1,743	2,574	2,999	1,420	2,451	2,056	2,996	3,465	1,691	2,863	2,423	3,478	3,847	2,013	3,341	2,851	-	-	2,394	3,847	3,171	-	-	2,683	-	3,757	-	-	3,211	-	3,399	2,706	3,847	3,372
KG-LJS61-M	1,286	1,963	2,315	-	1,841	1,511	2,279	2,674	-	2,149	1,778	2,650	3,094	1,439	2,513	1,984	2,929	3,413	1,617	2,790	2,340	3,409	3,847	1,925	3,258	2,758	3,847	-	2,290	3,803	3,244	-	-	2,724	-	3,609	-	-	3,053	-	3,847	-	-	3,654	-	3,847	3,080	-	3,837
KG-LNS41-G	-	-	1,623	-	-	-	1,601	1,843	-	1,523	-	1,827	2,098	-	1,743	-	1,998	2,290	-	1,910	1,639	2,286	2,614	-	2,194	1,891	2,619	2,987	1,610	2,520	2,182	3,000	3,409	1,869	2,895	2,402	3,282	3,718	2,064	3,175	2,799	3,784	4,259	2,421	3,672	2,571	2,085	2,889	2,543
KG-LNS41-H	-	1,480	1,707	-	-	-	1,684	1,937	-	1,601	-	1,921	2,206	-	1,832	1,496	2,100	2,408	-	2,009	1,723	2,403	2,749	1,461	2,307	1,988	2,754	3,141	1,693	2,650	2,294	3,155	3,584	1,965	3,044	2,526	3,451	3,910	2,171	3,339	2,943	3,979	4,406	2,545	3,861	2,703	2,192	3,037	2,674
KG-LNS41-J	-	1,569	1,809	-	1,488	-	1,785	2,054	-	1,697	-	2,037	2,338	-	1,942	1,586	2,226	2,553	-	2,129	1,826	2,547	2,913	1,549	2,445	2,107	2,919	3,329	1,794	2,809	2,432	3,344	3,799	2,083	3,227	2,678	3,658	4,144	2,301	3,539	3,119	4,218	-	2,698	4,093	2,865	2,323	3,220	2,834
KG-LNS41-K	-	1,742	2,008	-	1,651	-	1,981	2,280	-	1,884	1,606	2,261	2,595	-	2,156	1,760	2,471	2,834	1,487	2,364	2,028	2,828	3,234	1,719	2,714	2,339	3,240	3,696	1,992	3,118	2,699	3,712	4,217	2,312	3,582	2,972	4,061	4,406	2,554	3,929	3,463	4,406	-	2,995	4,406	3,181	2,579	3,574	3,146
KG-LNS41-L	-	1,883	2,171	-	1,785	1,515	2,142	2,464	-	2,037	1,736	2,444	2,805	1,462	2,331	1,903	2,671	3,063	1,607	2,555	2,192	3,057	3,496	1,859	2,934	2,528	3,502	3,995	2,153	3,371	2,918	4,013	4,406	2,499	3,872	3,213	4,389	-	2,761	4,247	3,743	-	-	3,237	-	3,438	2,788	3,863	3,401
KG-LNS41-M	-	1,991	2,296	-	1,888	1,603	2,265	2,606	-	2,154	1,836	2,585	2,967	1,546	2,465	2,013	2,826	3,240	1,700	2,702	2,318	3,233	3,698	1,966	3,103	2,674	3,705	4,226	2,277	3,565	3,086	4,244	-	2,644	4,095	3,398	4,406	-	2,920	4,406	3,959	-	-	3,424	-	3,636	2,949	4,086	3,597
KG-LNS51-F	-	-	1,675	-	-	-	1,650	1,935	-	1,559	-	1,919	2,237	-	1,822	-	2,120	2,466	-	2,019	1,698	2,464	2,850	-	2,358	1,997	2,858	3,288	1,665	2,749	2,349	3,309	3,783	1,976	3,199	2,612	3,642	4,141	2,213	3,531	3,090	4,230	4,406	2,648	4,119	2,792	2,230	3,175	2,773
KG-LNS51-G	-	1,524	1,793	-	-	-	1,766	2,071	-	1,668	-	2,053	2,394	-	1,949	1,542	2,268	2,639	-	2,160	1,817	2,637	3,050	1,497	2,523	2,137	3,059	3,519	1,781	2,942	2,514	3,541	4,048	2,115	3,424	2,795	3,898	4,406	2,368	3,779	3,307	4,406	-	2,833	4,406	2,987	2,387	3,398	2,968
KG-LNS51-H	-	1,614	1,899	-	1,516	-	1,870	2,194	-	1,767	1,465	2,175	2,535	-	2,065	1,634	2,403	2,795	-	2,288	1,924	2,793	3,230	1,586	2,673	2,264	3,240	3,727	1,887	3,116	2,663	3,751	4,288	2,240	3,627	2,960	4,129	-	2,508	4,003	3,503	-	-	3,001	-	3,164	2,528	3,599	3,144
KG-LNS51-J	-	1,707	2,008	-	1,603	-	1,978	2,320	-	1,869	1,550	2,300	2,681	-	2,184	1,728	2,541	2,956	-	2,420	2,035	2,954	3,416	1,677	2,827	2,394	3,427	3,942	1,996	3,296	2,816	3,967	4,406	2,369	3,835	3,131	4,367	-	2,653	4,234	3,705	-	-	3,174	-	3,347	2,674	3,807	3,325
KG-LNS51-K	-	1,889	2,222	-	1,774	1,457	2,189	2,567	-	2,068	1,715	2,545	2,967	-	2,416	1,912	2,811	3,271	1,560	2,678	2,252	3,269	3,780	1,856	3,127	2,649	3,791	4,361	2,208	3,647	3,116	4,389	-	2,621	4,244	3,464	4,406	-	2,935	4,406	4,099	-	-	3,512	-	3,703	2,958	4,212	3,679
KG-LNS51-L	-	2,013	2,368	-	1,890	1,553	2,333	2,736	-	2,204	1,827	2,712	3,162	1,481	2,575	2,037	2,996	3,486	1,663	2,854	2,400	3,484	4,028	1,978	3,333	2,823	4,041	4,406	2,353	3,886	3,321	4,406	-	2,793	4,406	3,692	-	-	3,128	-	4,368	-	-	3,742	-	3,946	3,152