KG Series Heat Rejection Capacity
KG-L Line (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	60	65	65	65	65	65	70	70	70	70	75	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	15	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
Low Noise Type																																																	
KG-LEL31-D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	935	-	-	-	933	1,071	-	-	-	1,072	1,227	-	1,029	-	1,232	1,403	-	1,187	979	1,350	1,534	-	1,304	1,145	1,561	1,761	984	1,513	1,052	-	1,185	1,040
KG-LEL31-E	-	-	-	-	-	-	-	-	-	-	-	-	929	-	-	-	-	1,016	-	-	-	1,014	1,164	-	970	-	1,165	1,334	-	1,119	965	1,339	1,525	-	1,290	1,064	1,468	1,667	909	1,417	1,245	1,696	1,913	1,070	1,645	1,144	920	1,288	1,130
KG-LEL31-F	-	-	-	-	-	-	-	905	-	-	-	-	1,034	-	-	-	982	1,132	-	937	-	1,129	1,296	-	1,080	926	1,298	1,485	-	1,246	1,074	1,490	1,698	913	1,436	1,185	1,634	1,856	1,012	1,578	1,386	1,889	2,130	1,191	1,831	1,273	1,024	1,434	1,258
KG-LEL31-G	-	-	-	-	-	-	-	994	-	-	-	984	1,135	-	937	-	1,079	1,243	-	1,029	-	1,240	1,423	-	1,186	1,017	1,425	1,630	-	1,368	1,179	1,637	1,865	1,003	1,577	1,301	1,794	2,038	1,111	1,732	1,522	2,074	2,339	1,308	2,011	1,398	1,125	1,575	1,381
KG-LEL31-H	-	-	938	-	-	-	924	1,069	-	-	-	1,059	1,221	-	1,007	-	1,160	1,337	-	1,106	944	1,334	1,531	-	1,276	1,093	1,533	1,754	925	1,471	1,268	1,760	2,006	1,079	1,696	1,399	1,930	2,192	1,195	1,863	1,637	2,231	2,516	1,407	2,163	1,504	1,210	1,694	1,486
KG-LEL31-J	-	-	992	-	-	-	977	1,130	-	927	-	1,119	1,292	-	1,065	-	1,227	1,413	-	1,170	999	1,411	1,619	-	1,349	1,156	1,621	1,855	978	1,556	1,341	1,862	2,121	1,141	1,794	1,480	2,041	2,318	1,264	1,971	1,731	2,359	2,661	1,488	2,287	1,591	1,279	1,791	1,571
KG-LEL31-K	-	-	1,034	-	-	-	1,019	1,178	-	966	-	1,167	1,346	-	1,110	901	1,279	1,473	-	1,219	1,041	1,470	1,688	-	1,406	1,205	1,689	1,933	1,019	1,622	1,398	1,940	2,211	1,189	1,870	1,542	2,127	2,416	1,317	2,054	1,804	2,459	2,730	1,550	2,384	1,658	1,334	1,867	1,638
KG-LGL31-D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,089	-	-	-	1,087	1,247	-	-	-	1,249	1,429	-	1,199	-	1,434	1,634	-	1,382	1,140	1,572	1,786	-	1,518	1,334	1,817	2,050	1,146	1,762	1,225	-	1,380	1,210
KG-LGL31-E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,183	-	-	-	1,181	1,355	-	1,129	-	1,356	1,552	-	1,302	1,123	1,558	1,775	-	1,501	1,238	1,708	1,940	-	1,649	1,449	1,974	2,227	1,245	1,914	1,331	-	1,499	1,315
KG-LGL31-F	-	-	-	-	-	-	-	-	-	-	-	-	1,190	-	-	-	1,131	1,302	-	-	-	1,300	1,492	-	1,243	-	1,494	1,709	-	1,434	1,236	1,715	1,954	-	1,653	1,364	1,881	2,136	1,165	1,816	1,595	2,174	2,452	1,371	2,108	1,466	1,179	1,650	1,448
KG-LGL31-G	-	-	-	-	-	-	-	1,134	-	-	-	1,123	1,295	-	-	-	1,231	1,418	-	1,174	-	1,415	1,624	-	1,353	1,160	1,626	1,860	-	1,561	1,345	1,867	2,127	1,144	1,799	1,484	2,047	2,325	1,268	1,976	1,736	2,366	2,669	1,492	2,294	1,595	1,283	1,797	1,576
KG-LGL31-H	-	-	-	-	-	-	-	1,226	-	-	-	1,214	1,401	-	1,156	-	1,331	1,533	-	1,269	1,083	1,530	1,756	-	1,463	1,254	1,758	2,011	-	1,688	1,455	2,019	2,300	1,237	1,946	1,605	2,214	2,515	1,371	2,137	1,878	2,559	2,886	1,613	2,481	1,725	1,388	1,943	1,704
KG-LGL31-J	-	-	1,136	-	-	-	1,119	1,294	-	-	-	1,282	1,479	-	1,220	-	1,405	1,618	-	1,340	1,144	1,615	1,854	-	1,545	1,324	1,856	2,124	1,119	1,782	1,536	2,132	2,429	1,306	2,054	1,694	2,337	2,655	1,447	2,256	1,982	2,701	3,047	1,703	2,619	1,821	1,465	2,051	1,799
KG-LGL31-K	-	1,084	1,255	-	-	-	1,237	1,431	-	1,174	-	1,417	1,635	-	1,349	1,094	1,553	1,789	-	1,481	1,264	1,786	2,050	-	1,708	1,464	2,052	2,348	1,238	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	3,288	1,883	2,895	2,014	1,620	2,267	1,989
KG-LGL41-F	-	-	1,148	-	-	-	1,133	1,303	-	-	-	1,293	1,484	-	1,233	-	1,413	1,620	-	1,351	1,159	1,617	1,849	-	1,552	1,337	1,853	2,113	1,139	1,783	1,543	2,123	2,411	1,322	2,048	1,700	2,322	2,630	1,460	2,246	1,980	2,677	3,013	1,712	2,598	1,819	1,475	2,044	1,799
KG-LGL41-G	-	1,091	1,257	-	-	-	1,241	1,427	-	1,180	-	1,415	1,625	-	1,350	1,102	1,547	1,774	-	1,480	1,269	1,771	2,025	-	1,699	1,464	2,029	2,314	1,247	1,952	1,690	2,324	2,640	1,448	2,242	1,861	2,542	2,880	1,599	2,460	2,168	2,931	3,288	1,875	2,845	1,991	1,615	2,238	1,970
KG-LGL41-H	-	1,169	1,348	-	1,109	-	1,330	1,530	-	1,265	-	1,518	1,742	-	1,447	1,182	1,659	1,902	-	1,587	1,361	1,898	2,171	1,154	1,822	1,570	2,175	2,481	1,337	2,093	1,812	2,492	2,831	1,552	2,405	1,995	2,726	3,088	1,715	2,638	2,325	3,143	-	2,010	3,050	2,135	1,732	2,399	2,112
KG-LGL41-J	-	1,230	1,418	-	1,166	-	1,399	1,610	-	1,330	1,134	1,596	1,832	-	1,522	1,243	1,745	2,001	-	1,669	1,431	1,997	2,283	1,214	1,916	1,651	2,288	2,609	1,406	2,202	1,906	2,621	2,978	1,633	2,529	2,099	2,867	3,248	1,803	2,774	2,445	3,288	-	2,114	3,208	2,246	1,821	2,523	2,221
KG-LGL41-K	-	1,369	1,578	-	1,298	1,102	1,557	1,792	-	1,481	1,262	1,777	2,040	-	1,695	1,384	1,942	2,227	1,169	1,858	1,594	2,223	2,542	1,351	2,133	1,839	2,547	2,905	1,565	2,451	2,122	2,918	3,288	1,817	2,815	2,336	3,192	3,288	2,007	3,088	2,722	-	-	2,354	3,288	2,500	2,027	2,809	2,473
KG-LGL41-L	-	1,432	1,651	-	1,358	1,153	1,629	1,874	-	1,549	1,320	1,859	2,134	1,112	1,773	1,447	2,032	2,330	1,223	1,943	1,667	2,325	2,659	1,414	2,232	1,923	2,664	3,039	1,638	2,564	2,219	3,052	-	1,901	2,945	2,444	3,288	-	2,100	3,230	2,847	-	-	2,462	-	2,615	2,121	2,939	2,587
KG-LGL41-M	-	1,511	1,742	-	1,433	1,216	1,719	1,978	-	1,635	1,393	1,961	2,251	1,173	1,870	1,527	2,144	2,458	1,290	2,050	1,759	2,453	2,806	1,492	2,355	2,029	2,811	3,206	1,728	2,705	2,341	3,220	-	2,006	3,107	2,578	-	-	2,216	3,288	3,004	-	-	2,598	-	2,759	2,237	3,100	2,729
KG-LGL51-F	-	-	1,259	-	-	-	1,240	1,454	-	1,171	-	1,441	1,680	-	1,369	-	1,593	1,853	-	1,517	1,276	1,852	2,141	-	1,771	1,501	2,148	2,470	1,251	2,066	1,765	2,486	2,842	1,485	2,404	1,962	2,737	3,112	1,663	2,653	2,322	3,178	3,288	1,989	3,095	2,097	1,676	2,386	2,084
KG-LGL51-G	-	1,165	1,370	-	1,094	-	1,350	1,583	-	1,275	-	1,570	1,830	-	1,490	1,179	1,734	2,017	-	1,652	1,389	2,016	2,331	1,145	1,929	1,634	2,338	2,690	1,362	2,249	1,922	2,707	3,094	1,616	2,617	2,137	2,980	3,288	1,810	2,889	2,528	3,288	-	2,166	3,288	2,284	1,824	2,598	2,269
KG-LGL51-H	-	1,248	1,468	-	1,172	-	1,446	1,696	-	1,366	1,133	1,681	1,960	-	1,596	1,263	1,857	2,161	-	1,769	1,488	2,160	2,497	1,226	2,066	1,750	2,505	2,881	1,459	2,409	2,059	2,900	3,288	1,731	2,804	2,289	3,192	-	1,939	3,095	2,708	-	-	2,320	-	2,446	1,954	2,782	2,430
KG-LGL51-J	-	1,299	1,528	-	1,220	-	1,505	1,765	-	1,422	1,179	1,750	2,040	-	1,662	1,315	1,934	2,249	-	1,842	1,549	2,248	2,599	1,276	2,151	1,822	2,608	2,999	1,519	2,508	2,143	3,019	-	1,802	2,919	2,383	3,288	-	2,019	3,222	2,819	-	-	2,415	-	2,547	2,034	2,897	2,530
KG-LGL51-K	-	1,418	1,669	-	1,332	1,094	1,644	1,928	-	1,553	1,288	1,911	2,228	-	1,814	1,436	2,111	2,456	1,172	2,011	1,691	2,455	2,838	1,394	2,349	1,989	2,847	3,275	1,658	2,739	2,340	3,288	-	1,968	3,187	2,602	-	-	2,204	3,288	3,078	-	-	2,637	-	2,781	2,221	3,163	2,763
KG-LGL51-L	-	1,514	1,780	-	1,421	1,167	1,754	2,057	-	1,657	1,374	2,039	2,377	1,114	1,936	1,532	2,253	2,621	1,250	2,146	1,804	2,619	3,029	1,487	2,506	2,123	3,038	3,288	1,769	2,922	2,497	-	-	2,100	3,288	2,776	-	-	2,352	-	3,284	-	-	2,814	-	2,967	2,370	3,288	2,948
KG-LGL51-M	-	1,584	1,864	-	1,487	1,222	1,836	2,153	-	1,734	1,438	2,134	2,488	1,166	2,026	1,603	2,358	2,743	1,309	2,246	1,889	2,742	3,170	1,557	2,623	2,222	3,180	-	1,852	3,058	2,613	-	-	2,198	-	2,905	-	-	2,462	-	3,288	-	-	2,945	-	3,106	2,481	-	3,085
KG-LGL51-N	1,094	1,665	1,958	-	1,563	1,284	1,929	2,262	-	1,822	1,511	2,243	2,614	1,225	2,129	1,685	2,478	2,883	1,375	2,360	1,985	2,881	3,288	1,636	2,756	2,335	3,288	-	1,946	3,214	2,746	-	-	2,310	-	3,053	-	-	2,587	-	-	-	-	3,095	-	3,263	2,607	-	3,242
KG-LGL61-F	-	1,129	1,331	-	-	-	1,310	1,538	-	1,235	-	1,524	1,779	-	1,445	1,141	1,684	1,963	-	1,604	1,345	1,960	2,268	1,107	1,873	1,586	2,276	2,619	1,317	2,187	1,866	2,637	3,016	1,567	2,547	2,075	2,905	3,288	1,756	2,813	2,458	3,288	3,288	2,101	3,285	2,224	1,771	2,531	2,207
KG-LGL61-G	-	1,223	1,442	-	1,147	-	1,420	1,666	-	1,338	1,108	1,651	1,927	-	1,565	1,236	1,825	2,126	-	1,738	1,458	2,124	2,457	1,199	2,030	1,718	2,466	2,837	1,427	2,369	2,021	2,857	3,267	1,697	2,759	2,248	3,147	-	1,902	3,048	2,663	-	-	2,276	3,288	2,410	1,918	2,741	2,391
KG-LGL61-H	-	1,306	1,540	-	1,225	-	1,516	1,779	-	1,429	1,183	1,763	2,058	-	1,672	1,320	1,949	2,271	-	1,856	1,557	2,268	2,624	1,281	2,167	1,835	2,633	3,030	1,524	2,530	2,158	3,051	3,288	1,813	2,947	2,401	3,288	-	2,031	3,255	2,844	-	-	2,431	-	2,573	2,049	2,928	2,553
KG-LGL61-J	-	1,354	1,597	-	1,270	-	1,572	1,845	-	1,482	1,227	1,828	2,134	-	1,733	1,369	2,021	2,354	1,115	1,924	1,614	2,352	2,720	1,328	2,247	1,902	2,730	3,142	1,580	2,623	2,238	3,164	-	1,879	3,055	2,490	-	-	2,106	3,288	2,949	-	-	2,520	-	2,668	2,124	3,036	2,647
KG-LGL61-K	-	1,475	1,739	-	1,383	1,135	1,712	2,009	-	1,614	1,336	1,991	2,325	-	1,888	1,491	2,201	2,565	1,215	2,096	1,758	2,562	2,963	1,446	2,448	2,072	2,974	3,288	1,721	2,857	2,438	3,288	-	2,047	3,288	2,712	-	-	2,294	-	3,212	-	-	2,745	-	2,906	2,314	3,288	2,884
KG-LGL61-L	-	1,567	1,848	-	1,470	1,206	1,819	2,135	-	1,715	1,420	2,115	2,470	1,149	2,006	1,584	2,339	2,725	1,291	2,227	1,868	2,722	3,149	1,537	2,601	2,202	3,160	-	1,829	3,036	2,590	-	-	2,175	-	2,882	-	-	2,438	-	3,288	-	-	2,917	-	3,088	2,459	-	3,064
KG-LGL61-M	-	1,638	1,931	-	1,536	1,261	1,901	2,231	-	1,793	1,484	2,211	2,581	1,201	2,097	1,655	2,444	2,848	1,349	2,327	1,952	2,844	3,288	1,606	2,718	2,301	3,288	-	1,911	3,173	2,707	-	-	2,273	-	3,011	-	-	2,547	-	-	-	-	3,048	-	3,227	2,569	-	3,202
KG-LGL61-N	1,128	1,722	2,031	-	1,615	1,326	2,000	2,346	-	1,885	1,560	2,325	2,714	1,263	2,205	1,741	2,570	2,995	1,418	2,448	2,053	2,991	-	1,689	2,859	2,420	-	-	2,010	3,288	2,847	-	-	2,390	-	3,167	-	-	2,679	-	-	-	-	3,206	-	3,288	2,702	-	3,288
KG-LJL31-G	-	-	-	-	-	-	-	1,284	-	-	-	1,272	1,467	-	-	-	1,394	1,606	-	1,329	-	1,603	1,839	-	1,533	1,314	1,841	2,107	-	1,768	1,524	2,115	2,409	1,296	2,038	1,681	2,318	2,634	1,436	2,238	1,967	2,680	3,023	1,690	2,598	1,807	1,453	2,035	1,785
KG-LJL31-H	-	-	-	-	-	-	-	1,366	-	-	-	1,353	1,561	-	1,288	-	1,483	1,708	-	1,414	-	1,705	1,957	-	1,630	1,397	1,959	2,241	-	1,880	1,621	2,250	2,563	1,378	2,168	1,788	2,466	2,802	1,527	2,381	2,092	2,851	3,216	1,798	2,764	1,922	1,546	2,165	1,899
KG-LJL31-J	-	-	1,279	-	-	-	-	1,458	-	-	-	1,444	1,666	-	1,374	-	1,583	1,823	-	1,509	1,288	1,820	2,089	-	1,740	1,492	2,091	2,392	-	2,007	1,730	2,402	2,736	1,471	2,314	1,909	2,633	2,991	1,630	2,542	2,233	3,043	3,433	1,919	2,951	2,052	1,650	2,311	2,027
KG-LJL31-K	-	-	1,408	-	-	-	1,388	1,605	-	1,317	-	1,590	1,834	-	1,513	-	1,742	2,007	-	1,661	1,418	2,003	2,299	-	1,916	1,642	2,301	2,633	1,388	2,209	1,905	2,643	3,012	1,619	2,547	2,101	2,898	3,292	1,794	2,798	2,458	3,350	3,778	2,112	3,248	2,259	1,817	2,543	2,231
KG-LJL41-E	-	-	-	-	-	-	-	1,310	-	-	-	1,299	1,492	-	-	-	1,420	1,629	-	1,359	-	1,625	1,859	-	1,560	1,344	1,862	2,124	-	1,792	1,551	2,134	2,424	1,329	2,059	1,708	2,334	2,644	1,468	2,258	1,990	2,691	3,029	1,721	2,611	1,828	1,483	2,054	1,809
KG-LJL41-F	-	-	-	-	-	-	-	1,431	-	-	-	1,419	1,629	-	1,353	-	1,551	1,778	-	1,483	1,272	1,775	2,030	-	1,704	1,468	2,034	2,319	-	1,957	1,694	2,330	2,647	1,451	2,248	1,865	2,548	2,887	1,603	2,466	2,173	2,938	3,307	1,879	2,851	1,996	1,619	2,243	1,975
KG-LJL41-G	-	-	1,369	-	-	-	1,351	1,555	-	1,285	-	1,542	1,770	-	1,470	-	1,685	1,932	-	1,612	1,383	1,928	2,205	-	1,851	1,595	2,210	2,520	1,358	2,126	1,841	2,531	2,876	1,577	2,442	2,027	2,769	3,137	1,742	2,679	2,361	3,193	3,593	2,042	3,098	2,169	1,759	2,437	2,146
KG-LJL41-H	-	1,277	1,472	-	-	-	1,453	1,671	-	1,382	-	1,658	1,903	-	1,581	1,291	1,812	2,078	-	1,733	1,487	2,073	2,371	-	1,990	1,715	2,376	2,710	1,460	2,286	1,979	2,722	3,092	1,695	2,626	2,179	2,977	3,373	1,873	2,881	2,539	3,433	3,847	2,196	3,331	2,332	1,891	2,620	2,307
KG-LJL41-J	-	1,332	1,536	-	-	-	1,516	1,744	-	1,441	-	1,729	1,985	-	1,649	1,347	1,890	2,167	-	1,808	1,551	2,163	2,474	1,315	2,076	1,789	2,478	2,827	1,523	2,385	2,065	2,839	3,226	1,769	2,740	2,273	3,106	3,519	1,954	3,005	2,648	3,581	-	2,291	3,475	2,433	1,973	2,734	2,407
KG-LJL41-K	-	1,448	1,669	-	1,373	-	1,647	1,895	-	1,566	1,335	1,879	2,157	-	1,792	1,463	2,054	2,355	-	1,965	1,685	2,351	2,688	1,429	2,256	1,944	2,694	3,072	1,656	2,592	2,244	3,086	3,506	1,922	2,977	2,471	3,375	3,824	2,123	3,266	2,878	3,847	-	2,489	3,777	2,644	2,144	2,971	2,615
KG-LJL41-L	-	1,535	1,769	-	1,455	-	1,746	2,009	-	1,660	1,415	1,992	2,287	-	1,900	1,551	2,177	2,497	1,310	2,082	1,786	2,492	2,849	1,515	2,391	2,061	2,855	3,256	1,755	2,747	2,378	3,271	3,716	2,037	3,156	2,619	3,577	3,847	2,250	3,461	3,051	-	-	2,638	3,847	2,802	2,272	3,149	2,772
KG-LJL41-M	-	1,713	1,975	-	1,624	1,379	1,949	2,242	-	1,853	1,580	2,224	2,553	1,330	2,121	1,732	2,431	2,787	1,463	2,325	1,994	2,782	3,181	1,691	2,670	2,301	3,187	3,635	1,959	3,067	2,655	3,651	3,847	2,274	3,523	2,924	3,847	-	2,512	3,847	3,406	-	-	2,946	-	3,128	2,537	3,515	3,095
KG-LJL41-N	1,302	1,845	2,127	-	1,749	1,485	2,098	2,414	-	1,996	1,701	2,394	2,749	1,432	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	3,847	2,109	3,302	2,859	3,847	-	2,449	3,793	3,148	-	-	2,705	-	3,667	-	-	3,172	-	3,368	2,732	3,785	3,332
KG-LJL51-F	-	-	1,385	-	-	-	1,364	1,600	-	1,289	-	1,586	1,849	-	1,506	-	1,752	2,038	-	1,669	1,403	2,037	2,356	-	1,949	1,651	2,363	2,718	1,376	2,273	1,942	2,735	3,127	1,633	2,645	2,159	3,011	3,424	1,829	2,919	2,555	3,496	3,847	2,189	3,405	2,308	1,844	2,625	2,293
KG-LJL51-G	-	-	1,485	-	-	-	1,463	1,716	-	1,382	-	1,701	1,983	-	1,615	1,278	1,879	2,186	-	1,790	1,505	2,185	2,526	-	2,090	1,771	2,534	2,915	1,476	2,437	2,083	2,934	3,353	1,752	2,836	2,315	3,229	3,672	1,962	3,131	2,740	3,750	-	2,347	3,652	2,475	1,977	2,815	2,459
KG-LJL51-H	-	1,345	1,583	-	-	-	1,559	1,828	-	1,473	-	1,812	2,113	-	1,721	1,362	2,002	2,330	-	1,907	1,604	2,328	2,692	1,322	2,227	1,887	2,700	3,106	1,573	2,597	2,219	3,126	3,574	1,867	3,023	2,467	3,441	3,847	2,090	3,336	2,919	3,847	-	2,501	3,847	2,637	2,107	3,000	2,620
KG-LJL51-J	-	1,401	1,649	-	1,316	-	1,624	1,905	-	1,534	1,272	1,888	2,201	-	1,793	1,418	2,086	2,427	-	1,987	1,671	2,425	2,804	1,377	2,320	1,965	2,813	3,236	1,638	2,706	2,312	3,256	3,722	1,945	3,148	2,570	3,584	-	2,178	3,475	3,041	-	-	2,605	-	2,747	2,195	3,125	2,729
KG-LJL51-K	-	1,526	1,795	-	1,433	-	1,768	2,073	-	1,670	1,385	2,055	2,396	-	1,952	1,544	2,271	2,642	-	2,163	1,819	2,640	3,053	1,499	2,526	2,140	3,062	3,523	1,783	2,946	2,517	3,545	3,847	2,117	3,428	2,798	3,847	-	2,371	3,784	3,311	-	-	2,837	-	2,991	2,389	3,402	2,971
KG-LJL51-L	-	1,618	1,904	-	1,520	-	1,875	2,199	-	1,772	1,469	2,180	2,542	-	2,070	1,638	2,409	2,802	1,337	2,294	1,929	2,801	3,238	1,590	2,679	2,270	3,248	3,737	1,892	3,124	2,670	3,760	-	2,245	3,636	2,968	-	-	2,515	3,847	3,512	-	-	3,009	-	3,172	2,534	3,608	3,152
KG-LJL51-M	-	1,808	2,127	-	1,698	1,395	2,096	2,458	-	1,980	1,642	2,436	2,840	1,331	2,313	1,830	2,692	3,132	1,494	2,564	2,156	3,130	3,619	1,777	2,994	2,536	3,630	3,847	2,114	3,491	2,983	3,847	-	2,509	3,847	3,317	-	-	2,810	-	3,847

KG Series Heat Rejection Capacity
KG-L Line (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	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
Low Noise Type																																																	
KG-LEL31-D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	964	-	-	-	962	1,104	-	920	-	1,106	1,265	-	1,061	915	1,270	1,447	-	1,224	1,009	1,392	1,581	-	1,344	1,181	1,609	1,815	1,015	1,560	1,085	-	1,222	1,072
KG-LEL31-E	-	-	-	-	-	-	-	-	-	-	-	-	958	-	-	-	910	1,048	-	-	-	1,046	1,201	-	1,001	-	1,202	1,375	-	1,154	995	1,381	1,573	-	1,330	1,097	1,514	1,719	937	1,461	1,284	1,750	1,973	1,103	1,696	1,180	949	1,328	1,165
KG-LEL31-F	-	-	-	-	-	-	-	934	-	-	-	925	1,068	-	-	-	1,014	1,168	-	967	-	1,166	1,338	-	1,115	956	1,340	1,533	-	1,286	1,109	1,539	1,753	943	1,483	1,223	1,687	1,916	1,045	1,629	1,431	1,950	2,199	1,230	1,891	1,315	1,058	1,481	1,299
KG-LEL31-G	-	-	901	-	-	-	-	1,027	-	-	-	1,017	1,174	-	968	-	1,115	1,285	-	1,063	908	1,282	1,472	-	1,226	1,051	1,473	1,686	-	1,414	1,219	1,692	1,928	1,037	1,630	1,345	1,855	2,107	1,149	1,791	1,573	2,144	2,418	1,352	2,079	1,446	1,163	1,628	1,428
KG-LEL31-H	-	-	971	-	-	-	956	1,106	-	908	-	1,096	1,264	-	1,043	-	1,201	1,383	-	1,145	978	1,381	1,585	-	1,321	1,132	1,586	1,815	957	1,523	1,313	1,822	2,076	1,116	1,756	1,448	1,998	2,269	1,237	1,929	1,694	2,309	2,604	1,456	2,239	1,557	1,252	1,753	1,538
KG-LEL31-J	-	-	1,028	-	-	-	1,013	1,171	-	961	-	1,160	1,338	-	1,104	-	1,271	1,465	-	1,212	1,035	1,462	1,678	-	1,398	1,198	1,679	1,922	1,013	1,612	1,390	1,929	2,198	1,182	1,859	1,533	2,115	2,402	1,309	2,042	1,794	2,444	2,730	1,541	2,370	1,648	1,326	1,856	1,628
KG-LEL31-K	-	926	1,072	-	-	-	1,056	1,222	-	1,002	-	1,210	1,396	-	1,152	934	1,326	1,528	-	1,265	1,080	1,525	1,750	908	1,458	1,250	1,752	2,005	1,057	1,682	1,450	2,012	2,293	1,233	1,939	1,600	2,206	2,506	1,366	2,130	1,871	2,550	-	1,608	2,472	1,719	1,383	1,936	1,698
KG-LGL31-D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,121	-	-	-	1,119	1,285	-	-	-	1,286	1,472	-	1,235	-	1,477	1,683	-	1,423	1,174	1,619	1,839	-	1,563	1,374	1,872	2,111	1,180	1,815	1,262	-	1,421	1,247
KG-LGL31-E	-	-	-	-	-	-	-	-	-	-	-	-	1,113	-	-	-	-	1,219	-	-	-	1,216	1,396	-	1,163	-	1,397	1,599	-	1,341	1,156	1,605	1,829	-	1,547	1,276	1,759	1,999	1,089	1,699	1,492	2,034	2,294	1,282	1,972	1,371	1,103	1,544	1,354
KG-LGL31-F	-	-	-	-	-	-	-	-	-	-	-	-	1,227	-	-	-	1,165	1,343	-	1,111	-	1,340	1,538	-	1,282	1,098	1,540	1,762	-	1,478	1,274	1,768	2,015	1,083	1,704	1,406	1,939	2,202	1,200	1,872	1,644	2,241	2,528	1,413	2,173	1,511	1,215	1,701	1,492
KG-LGL31-G	-	-	-	-	-	-	-	1,170	-	-	-	1,159	1,337	-	1,103	-	1,270	1,463	-	1,211	-	1,460	1,676	-	1,396	1,197	1,678	1,919	-	1,610	1,388	1,927	2,195	1,180	1,857	1,532	2,112	2,400	1,308	2,039	1,792	2,442	2,754	1,540	2,367	1,646	1,324	1,854	1,626
KG-LGL31-H	-	-	1,111	-	-	-	1,095	1,266	-	-	-	1,254	1,447	-	1,194	-	1,375	1,584	-	1,311	1,119	1,581	1,814	-	1,512	1,296	1,816	2,078	1,095	1,743	1,503	2,086	2,377	1,278	2,010	1,658	2,287	2,598	1,416	2,208	1,940	2,643	2,981	1,667	2,563	1,782	1,434	2,007	1,760
KG-LGL31-J	-	-	1,174	-	-	-	1,157	1,338	-	1,098	-	1,325	1,529	-	1,261	-	1,453	1,674	-	1,385	1,183	1,670	1,917	-	1,597	1,369	1,919	2,196	1,158	1,842	1,588	2,204	2,511	1,350	2,124	1,752	2,416	2,745	1,496	2,333	2,050	2,793	3,150	1,761	2,708	1,883	1,515	2,121	1,860
KG-LGL31-K	-	1,123	1,301	-	-	-	1,282	1,482	-	1,216	-	1,468	1,694	-	1,397	1,133	1,609	1,854	-	1,535	1,310	1,850	2,124	1,102	1,769	1,517	2,126	2,432	1,282	2,041	1,759	2,442	2,782	1,496	2,353	1,941	2,677	3,041	1,658	2,584	2,271	3,094	3,288	1,951	3,000	2,086	1,678	2,349	2,061
KG-LGL41-F	-	-	1,184	-	-	-	1,168	1,344	-	1,111	-	1,333	1,530	-	1,271	-	1,457	1,671	-	1,393	1,195	1,667	1,907	-	1,600	1,379	1,910	2,179	1,174	1,838	1,591	2,189	2,486	1,363	2,112	1,752	2,394	2,712	1,506	2,316	2,041	2,760	3,106	1,766	2,679	1,875	1,521	2,107	1,855
KG-LGL41-G	-	1,125	1,297	-	-	-	1,280	1,473	-	1,217	-	1,460	1,676	-	1,393	1,137	1,596	1,830	-	1,527	1,310	1,827	2,089	1,111	1,753	1,511	2,093	2,387	1,287	2,014	1,744	2,398	2,724	1,494	2,314	1,920	2,623	2,972	1,650	2,538	2,237	3,024	3,288	1,934	2,935	2,054	1,666	2,309	2,032
KG-LGL41-H	-	1,207	1,392	-	1,145	-	1,373	1,580	-	1,306	1,113	1,567	1,799	-	1,494	1,220	1,713	1,964	-	1,638	1,405	1,960	2,242	1,192	1,881	1,621	2,246	2,562	1,380	2,161	1,871	2,573	2,923	1,603	2,483	2,060	2,814	3,189	1,770	2,723	2,400	3,245	-	2,076	3,149	2,205	1,788	2,477	2,181
KG-LGL41-J	-	1,271	1,465	-	1,205	-	1,445	1,663	-	1,374	1,171	1,649	1,893	-	1,573	1,284	1,803	2,067	1,085	1,724	1,479	2,063	2,359	1,254	1,980	1,706	2,364	2,696	1,453	2,275	1,969	2,708	3,076	1,687	2,613	2,168	2,962	3,288	1,863	2,866	2,526	3,288	-	2,184	3,288	2,320	1,881	2,607	2,295
KG-LGL41-K	-	1,417	1,633	-	1,343	1,140	1,612	1,854	-	1,533	1,306	1,839	2,111	1,100	1,754	1,432	2,010	2,305	1,209	1,922	1,649	2,300	2,631	1,399	2,208	1,903	2,636	3,006	1,620	2,536	2,195	3,019	3,288	1,881	2,913	2,418	3,288	-	2,077	3,195	2,816	-	-	2,436	-	2,587	2,098	2,907	2,559
KG-LGL41-L	-	1,483	1,710	-	1,406	1,194	1,687	1,941	-	1,604	1,367	1,925	2,210	1,152	1,836	1,499	2,104	2,413	1,266	2,013	1,726	2,408	2,754	1,464	2,311	1,992	2,759	3,147	1,696	2,655	2,298	3,161	-	1,969	3,050	2,531	-	-	2,175	3,288	2,948	-	-	2,550	-	2,708	2,196	3,043	2,679
KG-LGL41-M	1,106	1,566	1,806	-	1,485	1,261	1,782	2,050	-	1,695	1,444	2,033	2,334	1,216	1,939	1,583	2,223	2,548	1,337	2,126	1,823	2,543	2,909	1,546	2,441	2,104	2,914	3,288	1,791	2,804	2,427	3,288	-	2,079	3,221	2,673	-	-	2,297	-	3,114	-	-	2,693	-	2,860	2,320	3,214	2,830
KG-LGL51-F	-	1,112	1,308	-	-	-	1,288	1,511	-	1,217	-	1,498	1,746	-	1,422	1,125	1,655	1,925	-	1,576	1,325	1,924	2,224	1,092	1,841	1,559	2,231	2,567	1,299	2,146	1,834	2,583	2,953	1,542	2,498	2,039	2,843	3,233	1,727	2,757	2,412	3,288	3,288	2,067	3,216	2,179	1,741	2,479	2,165
KG-LGL51-G	-	1,211	1,425	-	1,137	-	1,403	1,646	-	1,326	1,099	1,632	1,902	-	1,549	1,226	1,803	2,097	-	1,717	1,444	2,096	2,423	1,190	2,005	1,698	2,431	2,796	1,416	2,338	1,998	2,814	3,217	1,680	2,721	2,221	3,098	3,288	1,882	3,003	2,628	-	-	2,252	3,288	2,374	1,897	2,700	2,359
KG-LGL51-H	-	1,298	1,527	-	1,219	-	1,504	1,764	-	1,421	1,178	1,749	2,039	-	1,661	1,314	1,932	2,248	-	1,840	1,548	2,247	2,598	1,276	2,149	1,821	2,606	2,997	1,517	2,506	2,141	3,017	3,288	1,801	2,917	2,381	3,288	-	2,017	3,219	2,817	-	-	2,414	-	2,545	2,033	2,895	2,528
KG-LGL51-J	-	1,352	1,591	-	1,270	-	1,567	1,838	-	1,480	1,227	1,822	2,124	-	1,730	1,368	2,013	2,341	1,117	1,917	1,612	2,340	2,706	1,329	2,239	1,896	2,714	3,122	1,581	2,610	2,230	3,142	-	1,876	3,038	2,480	-	-	2,101	3,288	2,934	-	-	2,514	-	2,651	2,117	3,015	2,633
KG-LGL51-K	-	1,478	1,739	-	1,388	1,140	1,713	2,009	-	1,618	1,342	1,992	2,322	1,088	1,891	1,496	2,200	2,560	1,221	2,096	1,763	2,558	2,958	1,453	2,448	2,073	2,967	3,288	1,728	2,854	2,439	3,288	-	2,051	3,288	2,711	-	-	2,297	-	3,208	-	-	2,749	-	2,898	2,315	3,288	2,879
KG-LGL51-L	-	1,579	1,858	-	1,483	1,218	1,830	2,146	-	1,729	1,434	2,128	2,480	1,162	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	-	1,846	3,049	2,605	-	-	2,191	-	2,896	-	-	2,454	-	3,288	-	-	2,936	-	3,096	2,473	-	3,076
KG-LGL51-M	1,087	1,655	1,946	-	1,554	1,276	1,917	2,248	-	1,811	1,502	2,229	2,599	1,217	2,116	1,674	2,463	2,865	1,367	2,345	1,973	2,863	3,288	1,626	2,739	2,320	3,288	-	1,934	3,194	2,729	-	-	2,296	-	3,034	-	-	2,571	-	-	-	-	3,076	-	3,243	2,591	-	3,222
KG-LGL51-N	1,144	1,740	2,047	-	1,634	1,342	2,017	2,365	-	1,905	1,580	2,345	2,733	1,280	2,226	1,761	2,590	3,014	1,438	2,467	2,075	3,012	-	1,710	2,881	2,441	-	-	2,034	3,288	2,871	-	-	2,415	-	3,192	-	-	2,704	-	-	-	-	3,236	-	3,288	2,725	-	3,288
KG-LGL61-F	-	1,186	1,398	-	1,112	-	1,377	1,615	-	1,298	-	1,601	1,869	-	1,518	1,199	1,770	2,062	-	1,685	1,413	2,059	2,382	1,163	1,968	1,666	2,391	2,751	1,384	2,297	1,960	2,770	3,168	1,646	2,676	2,180	3,051	3,288	1,844	2,955	2,582	3,288	3,288	2,207	3,288	2,337	1,860	2,658	2,318
KG-LGL61-G	-	1,285	1,515	-	1,205	-	1,492	1,751	-	1,407	1,164	1,735	2,025	-	1,645	1,299	1,918	2,234	-	1,826	1,532	2,232	2,582	1,260	2,133	1,805	2,591	2,982	1,499	2,489	2,124	3,002	3,288	1,784	2,900	2,363	3,288	-	1,999	3,203	2,799	-	-	2,392	-	2,532	2,016	2,881	2,512
KG-LGL61-H	-	1,373	1,619	-	1,288	-	1,594	1,871	-	1,503	1,244	1,854	2,164	-	1,758	1,388	2,049	2,387	1,131	1,951	1,637	2,385	2,759	1,347	2,279	1,929	2,769	3,186	1,602	2,660	2,269	3,208	-	1,906	3,099	2,525	-	-	2,136	3,288	2,991	-	-	2,556	-	2,706	2,154	3,078	2,684
KG-LGL61-J	-	1,424	1,680	-	1,336	1,096	1,654	1,940	-	1,559	1,290	1,923	2,245	-	1,823	1,440	2,126	2,476	1,173	2,024	1,698	2,474	2,862	1,397	2,364	2,001	2,872	3,288	1,662	2,759	2,354	3,288	-	1,977	3,214	2,619	-	-	2,215	-	3,102	-	-	2,651	-	2,807	2,235	3,193	2,784
KG-LGL61-K	-	1,553	1,832	-	1,457	1,196	1,803	2,116	-	1,700	1,407	2,097	2,448	1,139	1,988	1,570	2,318	2,701	1,279	2,207	1,852	2,698	3,121	1,523	2,578	2,182	3,132	-	1,813	3,009	2,567	-	-	2,156	3,288	2,856	-	-	2,416	-	3,288	-	-	2,891	-	3,061	2,437	3,288	3,037
KG-LGL61-L	-	1,652	1,948	-	1,549	1,272	1,918	2,251	-	1,808	1,497	2,230	2,604	1,211	2,115	1,670	2,465	2,872	1,361	2,348	1,969	2,869	3,288	1,620	2,742	2,321	3,288	-	1,928	3,200	2,730	-	-	2,293	-	3,038	-	-	2,570	-	-	-	-	3,075	-	3,255	2,592	-	3,230
KG-LGL61-M	1,132	1,728	2,038	-	1,620	1,330	2,006	2,354	-	1,891	1,565	2,332	2,723	1,267	2,212	1,746	2,579	3,004	1,423	2,455	2,060	3,001	-	1,694	2,868	2,428	-	-	2,016	3,288	2,856	-	-	2,398	-	3,177	-	-	2,688	-	-	-	-	3,216	-	3,288	2,711	-	3,288
KG-LGL61-N	1,192	1,819	2,145	-	1,706	1,400	2,112	2,478	1,120	1,991	1,648	2,455	2,867	1,333	2,328	1,838	2,714	3,163	1,498	2,585	2,168	3,159	-	1,784	3,019	2,555	-	-	2,122	-	3,006	-	-	2,525	-	3,288	-	-	2,829	-	-	-	-	3,288	-	-	2,854	-	-
KG-LJL31-G	-	-	-	-	-	-	-	1,315	-	-	-	1,303	1,503	-	-	-	1,428	1,645	-	1,361	-	1,642	1,884	-	1,570	1,346	1,886	2,158	-	1,811	1,561	2,166	2,468	1,327	2,088	1,722	2,375	2,698	1,471	2,293	2,015	2,745	3,096	1,731	2,661	1,851	1,489	2,084	1,828
KG-LJL31-H	-	-	-	-	-	-	-	1,400	-	-	-	1,387	1,600	-	1,320	-	1,520	1,751	-	1,449	-	1,747	2,005	-	1,671	1,432	2,008	2,297	-	1,927	1,662	2,306	2,627	1,413	2,222	1,833	2,528	2,872	1,565	2,441	2,144	2,922	3,296	1,842	2,833	1,970	1,585	2,219	1,946
KG-LJL31-J	-	-	1,312	-	-	-	1,293	1,496	-	-	-	1,481	1,709	-	1,410	-	1,624	1,870	-	1,548	1,322	1,867	2,143	-	1,785	1,530	2,145	2,454	1,294	2,059	1,775	2,464	2,807	1,509	2,374	1,958	2,701	3,068	1,672	2,608	2,291	3,122	3,521	1,968	3,027	2,105	1,693	2,370	2,079
KG-LJL31-K	-	-	1,447	-	-	-	1,425	1,649	-	1,352	-	1,633	1,884	-	1,554	-	1,790	2,062	-	1,707	1,457	2,058	2,362	-	1,968	1,687	2,364	2,705	1,426	2,270	1,957	2,715	3,094	1,664	2,617	2,158	2,977	3,382	1,843	2,874	2,525	3,441	3,847	2,170	3,336	2,320	1,866	2,613	2,292
KG-LJL41-E	-	-	-	-	-	-	-	1,364	-	-	-	1,353	1,553	-	1,290	-	1,479	1,695	-	1,414	-	1,692	1,935	-	1,624	1,400	1,939	2,211	-	1,866	1,615	2,221	2,523	1,383	2,143	1,778	2,429	2,752	1,528	2,351	2,072	2,801	3,153	1,792	2,718	1,903	1,543	2,138	1,883
KG-LJL41-F	-	-	1,312	-	-	-	1,295	1,489	-	-	-	1,477	1,696	-	1,409	-	1,615	1,851	-	1,544	1,325	1,848	2,113	-	1,774	1,528	2,117	2,415	1,301	2,037	1,764	2,425	2,756	1,511	2,340	1,942	2,653	3,006	1,669	2,567	2,262	3,059	3,443	1,957	2,969	2,078	1,685	2,335	2,056
KG-LJL41-G	-	-	1,426	-	-	-	1,407	1,619	-	1,338	-	1,606	1,844	-	1,531	-	1,755	2,013	-	1,679	1,440	2,009	2,297	-	1,928	1,661	2,302	2,625	1,415	2,215	1,917	2,637	2,996	1,642	2,544	2,111	2,884	3,268	1,814	2,791	2,459	3,326	3,743	2,127	3,227	2,259	1,832	2,539	2,235
KG-LJL41-H	-	1,331	1,535	-	-	-	1,514	1,742	-	1,440	-	1,728	1,984	-	1,648	1,345	1,889	2,166	-	1,806	1,550	2,161	2,472	1,314	2,075	1,788	2,477	2,825	1,522	2,383	2,063	2,837	3,223	1,767	2,738	2,272	3,103	3,516	1,952	3,003	2,646	3,579	3,847	2,289	3,472	2,431	1,971	2,732	2,405
KG-LJL41-J	-	1,390	1,602	-	1,317	-	1,581	1,819	-	1,503	1,281	1,804	2,071	-	1,720	1,404	1,972	2,261	-	1,886	1,617	2,256	2,580	1,372	2,165	1,866	2,585	2,948	1,589	2,488	2,153	2,961	3,364	1,845	2,857	2,371	3,239	3,670	2,038	3,134	2,762	3,735	-	2,389	3,625	2,537	2,058	2,851	2,510
KG-LJL41-K	-	1,512	1,743	-	1,434	-	1,720	1,979	-	1,636	1,394	1,963	2,253	-	1,872	1,528	2,145	2,460	1,291	2,052	1,760	2,455	2,808	1,493	2,356	2,031	2,813	3,208	1,729	2,707	2,343	3,223	3,661	2,007	3,109	2,580	3,525	3,847	2,217	3,411	3,006	3,847	-	2,600	3,847	2,761	2,239	3,103	2,731
KG-LJL41-L	-	1,604	1,850	-	1,521	1,291	1,825	2,100	-	1,735	1,479	2,082	2,390	-	1,986	1,621	2,276	2,610	1,370	2,177	1,867	2,605	2,979	1,584	2,500	2,154	2,984	3,404	1,834	2,872	2,486	3,419	3,847	2,130	3,299	2,738	3,740	-	2,352	3,619	3,189	-	-	2,758	-	2,929	2,376	3,292	2,898
KG-LJL41-M	-	1,784	2,057	-	1,692	1,436	2,030	2,335	-	1,930	1,645	2,316	2,658	1,385	2,208	1,803	2,531	2,902	1,523	2,421	2,077	2,897	3,313	1,761	2,780	2,396	3,319	3,786	2,040	3,194	2,765	3,802	-	2,368	3,669	3,045	3,847	-	2,616	3,847	3,547	-	-	3,067	-	3,258	2,642	3,661	3,223
KG-LJL41-N	1,358	1,924	2,218	-	1,824	1,549	2,189	2,519	1,299	2,082	1,774	2,498	2,867	1,494	2,382	1,945	2,730	3,130	1,643	2,611	2,240	3,124	3,573	1,900	2,999	2,584	3,580	3,847	2,200	3,445	2,982	3,847	-	2,554	3,847	3,284	-	-	2,822	-	3,825	-	-	3,308	-	3,514	2,849	3,847	3,476
KG-LJL51-F	-	-	1,454	-	-	-	1,432	1,679	-	1,353	-	1,665	1,941	-	1,581	-	1,839	2,140	-	1,752	1,473	2,139	2,473	-	2,046	1,733	2,481	2,853	1,445	2,386	2,039	2,872	3,282	1,715	2,776	2,266	3,161	3,594	1,920	3,065	2,682	3,670	3,847	2,297	3,575	2,422	1,935	2,755	2,407
KG-LJL51-G	-	1,326	1,560	-	-	-	1,536	1,802	-	1,452	-	1,786	2,082	-	1,696	1,342	1,973	2,296	-	1,880	1,581	2,295	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-LJL51-H	-	1,414	1,663	-	1,327	-	1,638	1,921	-	1,548	1,283	1,905	2,220	-	1,808	1,431	2,104	2,448	-	2,004	1,686	2,447	2,829	1,389	2,341	1,983	2,838	3,264	1,653	2,729	2,332	3,285	3,755	1,962	3,176	2,593	3,616	-	2,197	3,506	3,068	-	-	2,628	3,847	2,771	2,214	3,152	2,753
KG-LJL51-J	-	1,473	1,733	-	1,383	-	1,707	2,002	-	1,613	1,337	1,985	2,314	-	1,885	1,491	2,193	2,551	-	2,089	1,757	2,550	2,948	1,448	2,439	2,066	2,957	3,402	1,722	2,844	2,430	3,424	3,847	2,044	3,310	2,702	3,769	-	2,289	3,654	3,197	-	-	2,739	-	2,888	2,307	3,285	2,869
KG-LJL51-K	-	1,606	1,889	-	1,508	-	1,861	2,183	-	1,758	1,458	2,164	2,522	-	2,054	1,625	2,390	2,781	1,327	2,277	1,915	2,779	3,214	1,578	2,659	2,252	3,224	3,708	1,877	3,101	2,649	3,732	-	2,228	3,608	2,946	3,847	-	2,495	3,847	3,485	-	-	2,986	-	3,148	2,515	3,581	3,128
KG-LJL51-L	-	1,705	2,006	-	1,601	1,315	1,976	2,317	-	1,867	1,548	2,297	2,678	-	2,181	1,726	2,538	2,953	1,409	2,417	2,033	2,951	3,412	1,676	2,823	2,391	3,423	3,847	1,993	3,292	2,813	3,847	-	2,366	3,831	3,127	-	-	2,650	-	3,700	-	-	3,170	-	3,343	2,670	3,802	3,321
KG-LJL51-M	-	1,899	2,234	-	1,783	1,465	2,201	2,581	-	2,079	1,724	2,559	2,983	1,397	2,429	1,922	2,827	3,289	1,569	2,693	2,264