

KG Series Heat Rejection Capacity

KG-S Line ((C) Super Low Noise Type)

with VR Stack

		Circulating Water Flowrate (l/s)																																														SI 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 °C	20	22	23	22	25	23	25	26	25	28	26	28	29	28	31	28	30	31	30	33	31	33	34	33	36	34	36	37	36	39	37	39	40	39	42	39	41	42	41	44	42.2	44.2	45.2	44.2	47.2		32	35.00	37	37	
Outlet Water Temperature °C	14	16	17	14	17	17	19	20	17	20	20	22	23	20	23	22	24	25	22	25	25	27	28	25	28	28	34	30	31	28	31	31	33	34	31	34	33	35	36	33	36	36.2	38.2	39.2	36.2	39.2		27	29.44	32	32
Wet Bulb °C	10	10	10	10	10	13	13	13	13	13	16	16	16	16	16	18	18	18	18	18	21	21	21	21	21	24	24	24	24	27	27	27	27	27	27	29	29	29	29	29	32.2	32.2	32.2	32.2	32.2		21	25.56	27	28	
Range °C	6	6	6	8	8	6	6	8	8	6	6	6	6	8	8	6	6	8	8	8	6	6	6	8	6	6	6	8	8	8	6	6	6	8	6	6	6	8	8	6	6	8	8	5	5.56	5	5				
Approach °C	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	6	7	4	7	4	18.8	25.6	29.1	16.2	24.6		6	3.89	5	4		
KG-SQC201-A	-	-	-	-	-	-	-	-	-	-	-	-	14.6	-	-	-	13.9	15.8	-	13.2	-	15.8	17.9	-	15.0	-	17.9	20.4	-	17.1	14.9	20.4	23.2	-	19.5	16.3	22.3	25.3	14.0	21.4	18.8	25.6	29.1	16.2	24.6		17.7	14.3	19.7	17.3	
KG-SQC201-B	-	-	-	-	-	-	-	14.6	-	-	-	14.4	16.4	-	13.7	-	15.6	17.9	-	14.9	-	17.8	20.2	-	16.9	14.7	20.2	23.0	-	19.3	16.8	23.0	26.1	14.4	22.0	18.4	25.1	28.5	15.8	24.1	21.2	28.9	32.8	18.3	27.8		19.9	16.1	22.2	19.5	
KG-SQC201-C	-	13.4	15.3	-	-	-	15.0	17.1	-	14.3	-	16.9	19.3	-	16.1	13.4	18.4	21.0	-	17.6	15.2	20.9	23.8	-	19.9	17.7	23.8	27.1	14.8	22.7	19.8	27.0	30.8	16.9	25.9	21.6	29.5	33.5	18.5	28.3	25.0	34.0	38.5	21.5	32.7		23.5	18.9	26.1	23.0	
KG-SQC201-D	-	14.6	16.7	-	-	-	16.4	18.7	-	15.6	13.4	18.5	21.1	-	17.6	14.6	20.1	22.9	-	19.2	16.6	22.8	26.0	14.2	21.8	18.9	25.9	29.5	16.1	24.8	21.6	29.5	33.6	18.5	28.3	23.6	32.3	36.6	20.3	30.9	27.3	37.1	42.1	23.4	35.7		25.6	20.7	28.5	25.1	
KG-SRC201-A	-	-	14.3	-	-	-	14.0	16.0	-	-	-	15.8	18.1	-	15.1	-	17.2	19.6	-	16.4	14.2	19.5	22.3	-	18.6	16.2	22.2	25.3	-	21.2	18.5	25.3	28.8	15.8	24.2	20.2	27.6	31.4	17.3	26.5	23.3	31.8	36.0	20.1	30.5		21.9	17.7	24.4	21.5	
KG-SRC201-B	-	14.1	16.1	-	-	-	15.8	18.1	-	15.0	-	17.9	20.4	-	17.0	14.1	19.4	22.2	-	18.5	16.0	22.0	25.1	-	21.0	18.3	25.1	28.5	15.6	24.0	20.8	28.5	32.5	17.8	27.3	22.8	31.2	35.4	19.6	29.9	26.3	35.9	40.7	22.6	34.5		24.8	20.0	27.6	24.2	
KG-SRC201-C	-	16.6	19.0	-	15.8	-	18.7	21.3	-	17.7	15.3	21.1	24.1	-	20.1	16.6	22.9	26.1	14.2	21.8	18.9	26.0	29.6	16.1	24.8	21.5	29.5	33.6	18.4	28.2	24.6	33.6	38.3	21.0	32.2	26.9	36.7	41.7	23.1	35.2	31.0	42.3	45.2	26.7	40.6		29.2	23.6	32.5	28.6	
KG-SRC201-D	-	18.2	20.8	-	17.3	14.9	20.5	23.4	-	19.5	16.8	23.1	26.4	14.3	22.0	18.3	25.1	28.7	15.5	24.0	20.7	28.5	32.5	17.7	27.2	23.6	32.4	36.9	20.2	31.0	27.0	36.9	42.0	23.1	35.4	29.5	40.3	45.2	25.3	38.7	34.1	45.2	-	29.3	44.6		32.1	25.9	35.7	31.4	
KG-SAC201A-A	-	-	15.6	-	-	-	17.5	-	-	-	17.3	19.7	-	16.5	-	18.8	21.4	-	17.9	-	21.3	24.3	-	20.3	17.6	24.2	27.6	-	23.2	20.1	27.6	31.4	17.3	26.4	22.0	30.1	34.2	18.9	28.9	25.4	34.7	39.3	21.9	33.3		23.9	19.3	26.6	23.4		
KG-SAC201A-B	-	-	17.6	-	-	-	17.3	19.7	-	16.4	-	19.5	22.3	-	18.6	-	21.2	24.2	-	20.2	17.5	24.0	27.4	-	22.9	19.9	27.3	31.1	17.0	26.1	22.7	31.1	35.4	19.5	29.8	24.9	34.0	38.6	21.3	32.6	28.7	39.1	44.3	24.7	37.6		27.0	21.8	30.1	26.4	
KG-SAC201A-C	-	18.0	20.6	-	17.1	-	20.3	23.1	-	19.3	16.6	22.9	26.1	-	21.8	18.0	24.8	28.4	-	23.7	20.5	28.2	32.1	17.5	26.9	23.4	32.1	36.5	20.0	30.7	26.7	36.5	41.5	22.8	35.0	29.2	39.9	45.3	25.0	38.3	33.7	45.9	50.5	29.0	44.1		31.7	25.6	35.3	31.0	
KG-SAC201A-D	-	20.5	23.5	-	19.5	16.8	23.1	26.4	-	21.9	18.9	26.1	29.7	16.1	24.8	20.6	28.3	32.3	17.5	27.0	23.4	32.1	36.6	19.9	30.7	26.6	36.5	41.6	22.7	34.9	30.4	41.6	47.3	26.0	39.9	33.2	45.4	50.3	28.5	43.6	38.4	50.3	-	33.0	50.2		36.1	29.2	40.2	35.3	
KG-SAC201-A	-	-	15.7	-	-	-	-	17.7	-	-	-	17.5	19.9	-	16.6	-	19.0	21.7	-	18.1	15.7	21.5	24.5	-	20.5	17.8	24.5	27.9	-	23.4	20.4	27.9	31.7	17.4	26.7	22.3	30.4	36.1	19.1	29.2	25.7	35.0	39.7	22.1	33.7		24.2	19.5	26.9	23.7	
KG-SAC201-B	-	15.6	17.8	-	-	-	17.5	20.0	-	16.6	-	19.7	22.5	-	18.8	15.6	21.4	24.5	-	20.4	17.7	24.3	27.7	-	23.2	20.2	27.7	31.5	17.2	26.5	23.0	31.5	35.8	19.7	30.2	25.2	34.4	39.1	21.6	33.0	29.1	39.6	44.9	25.0	38.0		27.3	22.1	30.4	26.7	
KG-SAC201-C	-	18.4	21.0	-	17.4	-	20.7	23.6																																											