

KG Series Heat Rejection Capacity
KG-S Line (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	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	21	21	21	21	21	21	24	24	24	24	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	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5.56	5	5	5		
Approach °C	4	6	7	4	7	4	8	7	4	7	4	6	7	4	7	4	6	7	4	6	7	4	6	7	4	6	7	4	6	7	4	6	7	4	6	7	4	6	7	4	6	7	4	6	7	4	6	7	4	6	7	4
KG-SQS201-A	-	-	13.5	-	-	-	13.3	15.2	-	-	-	15.0	17.2	-	14.3	-	16.3	18.6	-	15.6	13.5	16.5	21.1	-	17.7	15.3	21.1	24.0	13.1	20.1	17.5	24.0	27.3	15.0	23.0	19.2	26.2	29.7	16.4	25.1	22.1	30.1	34.2	19.0	29.0	20.8	16.8	23.2	20.4			
KG-SQS201-B	-	13.4	15.2	-	-	-	15.0	17.1	-	14.3	-	16.9	19.3	-	16.1	13.4	18.4	21.0	-	17.5	15.2	20.9	23.8	-	19.9	17.3	23.7	27.0	14.8	22.7	19.8	27.0	30.8	16.9	25.9	21.6	29.5	33.5	18.5	28.3	24.9	34.0	38.5	21.5	32.7	23.5	19.0	26.1	23.0			
KG-SQS201-C	-	15.9	18.1	-	15.1	-	17.8	20.4	-	17.0	14.6	20.1	23.0	-	19.2	15.9	21.9	25.0	-	19.2	20.9	18.1	24.8	28.3	15.4	23.7	20.6	28.2	32.1	17.6	27.0	32.5	32.1	36.6	20.1	30.8	25.7	35.1	39.9	22.0	33.7	29.7	40.4	42.6	25.5	38.8	27.9	22.5	31.1	27.3		
KG-SQS201-D	13.2	18.1	20.7	-	17.2	14.8	20.4	23.3	-	19.4	16.7	23.0	26.2	14.2	21.9	18.1	25.0	28.5	15.4	23.8	20.6	28.3	32.3	17.6	27.0	23.5	32.2	36.7	20.1	30.8	26.8	36.7	38.5	23.0	35.2	29.3	38.5	-	25.1	38.4	33.9	-	29.1	-	31.8	25.7	35.4	31.2				
KG-SRS201-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-SRS201-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-SRS201-C	-	16.7	19.1	-	15.9	-	18.8	21.5	-	17.9	15.4	21.2	24.2	-	20.2	16.7	23.1	26.3	14.3	22.0	19.0	26.2	29.8	16.2	25.0	21.7	29.8	33.9	18.5	28.5	24.8	33.9	38.6	21.2	32.5	27.1	37.0	42.0	23.2	35.5	31.3	42.6	45.2	26.9	40.9	29.4	23.8	32.7	28.8			
KG-SRS201-D	14.0	19.2	21.9	-	18.2	15.7	21.6	24.7	-	20.5	17.7	24.4	27.8	15.1	23.2	19.2	26.5	30.2	16.4	25.2	21.9	30.0	34.2	18.6	28.7	24.9	34.2	38.9	21.3	32.7	28.4	38.9	41.0	24.3	37.3	31.1	41.0	-	26.7	40.8	35.9	-	30.9	41.0	33.8	27.3	37.6	33.0				
KG-SRS201-E	14.9	20.5	23.4	-	19.4	16.7	23.0	26.3	14.2	21.9	18.9	26.0	29.7	16.1	24.8	20.5	28.2	32.2	17.5	26.9	23.3	32.0	34.7	19.9	30.6	26.5	34.7	-	22.7	34.7	30.3	-	28.0	-	33.2	-	28.4	-	-	-	-	32.9	-	34.7	29.1	-	34.7					
KG-SAS201A-A	-	-	15.6	-	-	-	17.5	-	-	-	17.3	19.7	-	-	16.5	-	18.8	21.4	-	17.9	-	21.3	24.3	-	20.3	17.9	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-SAS201A-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	21.8	32.6	28.7	39.1	44.3	24.7	37.6	27.0	21.8	30.1	26.4			
KG-SAS201A-C	-	18.2	20.8	-	17.2	-	20.4	23.3	-	19.4	16.7	23.1	26.3	-	22.0	18.2	25.0	28.6	-	23.9	20.7	28.4	32.4	17.6	27.1	23.5	32.3	36.8	20.1	30.9	26.9	36.8	41.9	23.0	35.3	29.4	40.2	45.6	25.2	38.5	34.0	48.2	50.5	29.2	44.4	31.9	25.8	35.6	31.2			
KG-SAS201A-D	-	20.9	23.8	-	19.8	17.0	23.4	26.8	-	22.3	19.2	26.5	30.2	16.3	25.2	20.9	28.7	32.8	17.8	27.4	23.7	32.6	37.2	20.2	31.1	27.0	37.1	42.2	23.1	35.5	30.8	42.2	48.0	26.4	40.5	33.7	46.1	48.8	28.9	44.2	39.0	48.8	-	33.5	48.8	36.6	29.6	40.8	35.9			
KG-SAS201A-E	16.7	23.0	26.2	-	21.8	18.8	25.8	29.5	15.9	24.5	21.2	29.2	33.3	18.0	27.8	23.0	31.7	36.2	19.6	30.2	26.1	35.9	38.3	22.3	34.3	29.8	38.3	-	25.4	38.3	34.0	-	29.1	-	37.2	-	31.9	-	-	-	-	36.9	-	38.3	32.6	-	38.3					
KG-SAS201-A	-	-	15.7	-	-	-	17.7	-	-	-	17.5	19.9	-	-	16.6	-	19.0	21.4	-	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	34.6	19.1	29.2	25.7	35.0	39.7	22.1	33.7	24.2	19.5	26.9	23.7			
KG-SAS201-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-SAS201-C	-	18.5	21.2	-	17.6	-	20.8	23.8	-	19.8	17.1	23.5	26.9	-	22.4	18.6	25.5	29.2	15.8	24.4	21.1	29.0	33.0	18.0	27.7	24.0	33.0	37.5	20.5	31.5	27.4	37.5	42.7	23.5	36.0	30.0	41.0	46.6	25.7	39.3	34.6	47.2	50.5	29.8	45.3	32.6	26.3	36.3	31.9			
KG-SAS201-D	15.5	21.4	24.4	-	20.3	17.4	24.0	27.4	-	22.8	19.7	27.1	31.0	16.8	25.8	21.4	29.4	33.6	18.2	28.1	24.3	33.4	38.1	20.7	31.9	27.0	38.0	43.3	20.7	36.3	31.6	43.3	48.2	27.1	41.5	34.6	46.2	-	29.7	45.3	39.9	-	34.4	46.2	37.6	30.3	41.8	37.6				
KG-SBS201-A	-	-	-	-	-	-	19.2	-	-	-	19.0	21.6	-	-	18.1	-	20.6	23.5	-	19.6	-	23.4	26.6	-	22.3	19.4	26.6	30.3	-	25.4	22.1	30.3	34.4	18.9	29.0	24.2	33.0	37.5	20.7	31.7	27.9	38.0	43.1	24.0	36.5	26.3	21.2	29.2	25.7			
KG-SBS201-B	-	-	19.2	-	-	-	18.9	21.6	-	18.0	-	21.4	24.4	-	20.4	-	23.2	26.5	-	22.1	19.2	26.3	30.0	-	25.2	21.8	30.0	34.1	18.7	28.7	24.9	34.1	38.8	21.3	32.7	27.3	37.3	42.3	23.4	35.7	31.5	42.9	48.6	27.1	41.2	26.9	23.9	33.0	29.0			
KG-SBS201-C	-	20.1	22.9	-	19.0	-	22.6	25.8	-	21.4	18.5	25.5	29.1	-	24.2	20.1	27.6	31.6	-	26.4	22.8	31.4	35.8	19.9	29.9	26.0	35.7	40.6	22.2	34.1	29.7	40.6	46.2	25.4	38.9	32.5	44.4	50.4	27.8	42.6	37.5	51.1	55.8	32.3	49.1	35.3	28.5	39.3	34.5			
KG-SBS201-D	-	23.1	26.3	-	21.9	18.8	25.9	29.6	-	24.6	21.2	29.2	33.4	18.1	27.9	23.1	31.8	36.3	19.6	30.3	26.2	36.0	41.1	22.4	34.4	29.9	41.0	46.7	25.5	39.2	34.1	46.7	53.1	29.2	44.7	37.3	51.0	53.8	32.0	48.9	43.1	53.8	-	37.1	53.8	40.5	32.7	45.1	39.6			
KG-SBS201-E	18.3	25.2	28.8	-	23.9	20.6	28.4	32.4	17.5	26.9	23.2	32.0	36.5	19.8	30.5	25.2	34.8	39.7	21.5	33.1	28.7	39.4	43.1	24.5	37.6	32.7	43.1	-	27.9	42.9	37.3	-	32.0	-	40.8	-	35.0	-	-	-	-	40.5	-	43.1	35.8	-	43.1					
KG-SBS221-A	-	-	18.0	-	-	-	17.8	20.3	-	-	-	20.0	22.9	-	19.1	-	21.8	24.8	-	20.7	18.0	24.7	28.1	-	23.6	20.5	28.1	32.0	17.5	26.9	23.4	32.0	36.4	20.0	30.7	25.6	34.9	39.7	21.9	33.5	29.5	40.2	45.6	25.4	38.6	27.8	22.4	30.9	27.2			
KG-SBS221-B	-	17.8	20.3																																																	