

49-point operating performance table for JACIR KS Line

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
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
Range °C	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8
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
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
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
Model	Water flow rates (l/s) for indicated conditions																								
KS-700-QK-220-B	20.7	29.0	33.0	n/a	27.7	23.5	32.4	36.8	19.7	31.1	26.6	36.3	41.3	22.6	35.0	28.9	39.3	44.5	24.6	37.9	32.7	44.3	49.9	28.1	42.8
KS-700-QK-300-B	n/a	30.7	35.0	n/a	29.4	25.0	34.4	39.1	20.9	33.0	28.2	38.5	43.9	24.0	37.2	30.7	41.7	47.3	26.1	40.2	34.7	47.0	53.0	29.8	45.4
KS-930-QK-110D-B	27.5	38.2	43.3	n/a	36.5	30.8	42.5	48.3	25.8	40.8	34.9	47.6	54.2	29.6	45.9	37.9	51.6	58.4	32.3	49.7	42.9	58.1	65.5	36.9	56.1
KS-930-QK-150D-B	28.9	40.0	45.3	n/a	38.2	32.2	44.4	50.5	27.0	42.6	36.5	49.8	56.6	31.0	48.0	39.6	53.9	61.0	33.7	52.0	44.8	60.7	68.4	38.5	58.7
KS-1165-QK-150D-B	35.6	49.4	56.1	n/a	47.3	40.0	55.2	62.7	33.5	53.0	45.3	61.8	70.3	38.5	59.6	49.2	66.9	75.8	41.9	64.5	55.7	75.4	85.0	47.9	72.9
KS-1165-QK-185D-B	n/a	n/a	58.7	n/a	n/a	41.9	57.7	65.6	35.1	55.4	47.4	64.7	73.6	40.3	62.4	51.5	70.0	79.3	43.8	67.5	58.3	79.0	88.9	50.1	76.3
KS-1450-QK-220D-B	42.3	59.1	67.4	n/a	56.5	48.0	66.2	75.2	40.3	63.6	54.4	74.2	84.4	46.2	71.6	59.1	80.4	91.0	50.3	77.5	66.9	90.6	102.0	57.5	87.5
KS-1450-QK-300D-B	n/a	62.8	71.4	n/a	60.0	51.0	70.3	79.8	42.7	67.4	57.7	78.7	89.6	49.0	75.9	62.7	85.2	96.5	53.3	82.2	70.9	96.1	108.2	60.9	92.8
KS-1750-QK-150T-B	53.5	74.2	84.2	n/a	71.0	60.0	82.8	94.0	50.3	79.4	67.9	92.7	105.5	57.7	89.4	73.8	100.4	113.7	62.8	96.8	83.5	113.2	127.5	71.8	109.3
KS-1750-QK-185T-B	n/a	n/a	88.1	n/a	n/a	62.8	86.6	98.4	52.7	83.1	71.1	97.0	110.4	60.4	93.6	77.3	105.1	119.0	65.8	101.3	87.4	118.4	133.4	75.1	114.4
KS-2175-QK-220T-B	63.4	88.6	101.0	n/a	84.7	72.1	99.4	112.9	60.4	95.2	81.6	111.3	126.7	69.3	107.3	88.6	120.5	136.5	75.4	116.2	100.3	135.9	153.0	86.2	131.3
KS-2175-QK-300T-B	n/a	94.2	107.1	n/a	90.1	76.5	105.5	119.8	64.1	101.2	86.6	118.2	134.4	73.6	113.9	94.1	127.9	144.8	80.1	123.4	106.4	144.2	162.4	91.5	139.3
KS-700-QK-220-B-IB	20.4	28.6	32.6	n/a	27.3	23.2	32.0	36.3	19.5	30.7	26.3	35.9	40.8	22.3	34.6	28.5	38.8	43.9	24.3	37.4	32.3	43.8	49.3	27.8	42.3
KS-700-QK-300-B-IB	n/a	30.3	34.5	n/a	29.0	24.7	34.0	38.6	20.7	32.6	27.9	38.1	43.3	23.7	36.7	30.3	41.2	46.7	25.8	39.8	34.3	46.5	52.4	29.5	44.9
KS-930-QK-110D-B-IB	27.1	37.6	42.7	n/a	36.0	30.4	41.9	47.5	25.5	40.2	34.4	46.9	53.4	29.2	45.2	37.3	50.8	57.5	31.8	49.0	42.3	57.2	64.5	36.3	55.3
KS-930-QK-150D-B-IB	28.4	39.4	44.7	n/a	37.7	31.8	43.9	49.8	26.7	42.1	36.0	49.1	55.9	30.6	47.4	39.1	53.2	60.3	33.3	51.3	44.3	60.0	67.6	38.0	57.9
KS-1165-QK-150D-B-IB	35.1	48.8	55.4	n/a	46.6	39.5	54.5	61.8	33.1	52.3	44.7	61.0	69.4	38.0	58.8	48.6	66.1	74.8	41.3	63.7	55.0	74.5	83.9	47.2	71.9
KS-1165-QK-185D-B-IB	n/a	51.1	58.0	n/a	48.9	41.4	57.0	64.8	34.7	54.7	46.8	63.9	72.7	39.8	61.6	50.9	69.2	78.3	43.3	66.7	57.5	78.0	87.8	49.5	75.3
KS-1450-QK-220D-B-IB	41.7	58.2	66.5	n/a	55.7	47.4	65.4	74.2	39.7	62.7	53.7	73.2	83.3	45.6	70.6	58.3	79.3	89.8	49.6	76.5	66.0	89.4	100.7	56.7	86.3
KS-1450-QK-300D-B-IB	n/a	61.9	70.6	n/a	59.2	50.3	69.4	78.8	42.2	66.6	57.0	77.7	88.4	48.4	74.9	61.9	84.1	95.3	52.7	81.1	70.0	94.9	106.8	60.2	91.6
KS-1750-QK-150T-B-IB	52.6	73.2	83.1	n/a	69.9	59.2	81.6	92.7	49.6	78.4	67.0	91.5	104.1	56.9	88.2	72.8	99.0	112.1	62.0	95.5	82.4	111.6	125.7	70.8	107.8
KS-1750-QK-185T-B-IB	n/a	76.6	86.9	n/a	73.3	62.0	85.5	97.1	52.0	82.1	70.2	95.8	109.0	59.6	92.4	76.3	103.7	117.4	64.9	100.0	86.3	116.9	131.7	74.1	112.9
KS-2175-QK-220T-B-IB	62.5	87.5	99.7	n/a	83.6	71.1	98.0	111.3	59.6	94.1	80.5	109.8	124.9	68.4	105.9	87.4	118.9	134.6	74.4	114.6	98.9	134.0	150.9	85.0	129.5
KS-2175-QK-300T-B-IB	n/a	92.9	105.8	n/a	88.9	75.6	104.2	118.3	63.3	100.0	85.5	116.7	132.8	72.7	112.5	92.9	126.4	143.1	79.1	121.9	105.1	142.4	160.4	90.4	137.6
Condition Reference #	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	
Wet Bulb °C	24	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	8	8	6	6	6	8	8	6	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	6	3.89	5	4	
Inlet Water Temperature °C	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	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	
Model	Water flow rates (l/s) for indicated conditions																								
KS-700-QK-220-B	37.0	49.7	55.8	32.1	48.2	42.1	55.7	62.2	36.5	54.2	45.7	60.0	66.8	39.8	58.4	51.9	67.3	68.3	45.6	65.6	49.0	40.4	53.8	48.1	
KS-700-QK-300-B	39.3	52.8	59.3	34.1	51.2	44.7	59.1	66.0	38.8	57.6	48.5	63.7	68.0	42.3	62.0	55.1	68.4	68.4	48.4	68.4	52.0	42.9	57.1	51.1	
KS-930-QK-110D-B	48.5	65.2	73.2	42.1	63.2	55.2	73.1	81.6	47.9	71.1	60.0	78.7	87.6	52.2	76.6	68.1	88.3	89.6	59.8	86.0	64.3	53.0	70.6	63.1	
KS-930-QK-150D-B	50.7	68.2	76.5	44.0	66.1	57.7	76.4	85.3	50.1	74.3	62.7	82.3	90.6	54.6	80.1	71.2	91.1	91.1	62.5	89.9	67.2	55.4	73.8	66.0	
KS-1165-QK-150D-B	63.0	84.6	95.0	54.7	82.1	71.7	94.9	105.9	62.2	92.3	77.8	102.2	113.3	67.8	99.5	88.4	114.0	114.0	77.6	111.7	83.4	68.8	91.6	81.9	
KS-1165-QK-185D-B	65.9	88.6	99.4	57.2	85.9	75.0	99.3	110.9	65.0	96.6	81.4	106.9	113.3	70.9	104.1	92.6	114.0	114.0	81.2	114.0	87.3	72.0	95.9	85.7	
KS-1450-QK-220D-B	75.6	101.6	114.1	65.6	98.5	86.1	113.9	127.2	74.6	110.8	93.4	122.7	136.6	81.4	119.4	106.1	137.6	139.6	93.2	134.1	100.2	82.6	110.0	98.3	
KS-1450-QK-300D-B	80.2	107.8	121.0	69.6	104.5	91.3	120.8	134.9	79.1	117.5	99.1	130.1	141.0	86.3	126.6	112.6	141.8	141.8	98.8	141.8	106.2	87.6	116.7	104.3	
KS-1750-QK-150T-B	94.5	127.0	142.5	82.0	123.1	107.5	142.3	158.9	93.2	138.5	116.7	153.3	169.9	101.7	149.2	132.6	170.9	170.9	116.4	167.6	125.2	103.2	137.4	122.9	
KS-1750-QK-185T-B	98.9	132.9	149.2	85.8	128.9	112.5	148.9	166.3	97.6	144.9	122.2	160.4	169.9	106.4	156.1	138.7	170.9	170.9	121.8	170.9	131.0	108.0	143.8	128.6	
KS-2175-QK-220T-B	113.5	152.4	171.1	98.4	147.8	129.1	170.8	190.8	111.9	166.2	140.2	184.0	204.9	122.1	179.1	159.1	206.4	209.4	139.7	201.2	150.3	123.9	165.0	147.5	
KS-2175-QK-300T-B	120.4	161.8	181.6	104.5	156.9	137.0	181.3	202.5	118.8	176.4	148.8	195.3	211.5	129.5	190.1	169.0	212.8	212.8	148.3	212.8	159.5	131.5	175.1	156.6	
KS-700-QK-220-B-IB	36.5	49.1	55.1	31.7	47.6	41.6	55.0	61.4	36.0	53.5	45.1	59.3	66.0	39.3	57.7	51.3	66.5	67.5	45.0	64.8	48.4	39.9	53.1	47.5	
KS-700-QK-300-B-IB	38.8	52.2	58.6	33.7	50.6	44.2	58.5	65.3	38.3	56.9	48.0	63.0	68.0	41.8	61.3	54.5	68.4	68.4	47.8	68.4	51.4	42.4	56.5	50.5	
KS-930-QK-110D-B-IB	47.8	64.2	72.1	41.5	62.3	54.4	72.0	80.4	47.2	70.0	59.0	77.5	86.3	51.4	75.5	67.1	86.9	88.2	58.9	84.7	63.3	52.2	69.5	62.1	
KS-930-QK-15																									