

49-point operating performance table for JACIR KSF 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	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8		
Approach °C	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6		
Inlet Water Temperature °C	20	22	23	25	24	23	25	26	28	27	26	28	29	31	30	28	30	31	33	32	31	33	34	36	35		
Outlet Water Temperature °C	14	16	17	18	16	17	19	20	21	19	20	22	23	24	22	22	24	25	26	24	25	27	28	29	27		
Process Fluid Type	Water (no glycol)																										
Model	Water flow rates (l/s) for indicated conditions																										
KSF-700-QK-300-B-S62-60/60	n/a	21.3	24.8	24.8	n/a	n/a	23.6	27.4	27.5	19.6	19.6	26.2	30.3	30.4	20.6	19.6	28.0	32.3	32.5	22.3	21.7	31.1	35.9	36.0	24.8		
KSF-700-QK-300-B-S62-18/162	n/a	23.0	26.9	27.1	n/a	n/a	25.8	30.1	30.4	20.1	19.5	29.0	33.6	33.9	22.8	21.2	31.2	36.2	36.4	24.8	24.2	35.0	40.5	40.7	28.1		
KSF-930-QK-150D-B-S62-80/80	n/a	27.0	31.5	31.6	n/a	n/a	30.1	35.0	35.1	26.2	n/a	33.5	38.8	38.9	26.3	26.2	36.0	41.6	41.8	28.3	27.7	40.0	46.2	46.3	31.8		
KSF-930-QK-150D-B-S62-24/216	n/a	29.1	34.1	34.4	n/a	n/a	32.8	38.3	38.6	25.8	25.8	36.9	42.8	43.3	28.8	26.7	39.8	46.3	46.6	31.4	30.7	44.8	51.9	52.2	35.8		
KSF-1165-QK-185D-B-S62-100/100	n/a	36.3	42.1	42.3	30.4	30.4	40.3	46.7	46.9	31.7	30.7	44.6	51.6	51.8	35.4	33.1	47.8	55.1	55.3	38.1	37.1	52.9	60.9	61.1	42.4		
KSF-1165-QK-185D-B-S62-30/270	n/a	39.3	45.9	46.3	30.5	30.0	44.1	51.3	51.8	34.5	33.5	49.4	57.2	57.6	39.1	36.4	53.2	61.4	61.9	42.4	41.4	59.6	68.5	68.9	48.0		
KSF-1450-QK-300D-B-S62-120/120	n/a	44.8	52.1	52.3	35.3	34.2	49.7	57.5	57.7	39.4	37.9	54.9	63.4	63.5	43.8	41.0	58.8	67.5	67.6	46.9	45.6	64.7	74.4	74.4	52.2		
KSF-1450-QK-300D-B-S62-32/288	n/a	48.0	55.8	56.2	37.6	36.4	53.6	62.1	62.5	42.4	40.9	59.3	68.5	69.1	47.6	44.4	63.9	73.5	73.9	51.4	50.1	71.0	81.7	82.1	57.6		
KSF-1750-QK-185T-B-S100-100/100	n/a	54.9	63.8	63.9	43.2	42.7	60.9	70.4	70.6	48.1	46.5	67.3	77.5	78.0	53.5	50.2	71.9	82.8	83.0	57.4	56.0	79.5	91.2	91.7	64.0		
KSF-1750-QK-185T-B-S100-30/270	n/a	59.8	69.7	70.2	46.6	45.1	66.9	77.8	78.4	52.8	51.1	74.8	86.5	87.2	59.6	55.3	80.6	92.8	93.6	64.5	63.0	90.1	103.6	104.4	72.7		
KSF-2175-QK-300T-B-S100-110/110	46.9	66.6	77.2	77.3	52.9	51.0	73.6	84.9	85.1	58.6	56.5	80.8	93.0	93.3	64.7	60.8	86.0	99.1	99.1	69.1	67.2	94.8	108.6	108.6	76.5		
KSF-2175-QK-300T-B-S100-32/288	49.4	73.0	84.7	85.4	57.6	55.6	81.4	93.8	94.7	64.7	62.5	90.2	103.7	104.3	72.5	67.8	96.7	110.8	111.8	78.1	76.0	107.2	122.2	122.8	87.5		
KSF-700-QK-300-B-IB-S62-60/60	n/a	20.4	23.8	23.9	n/a	n/a	22.6	26.4	26.5	19.6	n/a	25.1	29.1	29.3	19.8	19.6	26.9	31.3	31.3	21.3	20.8	30.1	34.6	34.8	23.9		
KSF-700-QK-300-B-IB-S62-18/162	n/a	21.9	25.8	25.9	n/a	n/a	24.7	28.8	29.1	19.2	19.2	27.6	32.2	32.4	21.8	20.1	29.9	34.7	35.0	23.6	23.1	33.6	38.8	39.2	26.9		
KSF-930-QK-150D-B-IB-S62-80/80	n/a	26.2	30.1	30.1	n/a	n/a	28.8	33.4	33.5	n/a	n/a	31.9	37.1	37.3	26.2	26.2	34.2	39.8	40.0	27.0	26.3	38.3	44.3	44.4	30.4		
KSF-930-QK-150D-B-IB-S62-24/216	n/a	27.5	32.4	32.6	n/a	n/a	31.0	36.3	36.7	n/a	n/a	34.9	40.8	41.0	27.3	25.8	37.9	44.1	44.4	29.8	29.0	42.8	49.5	49.9	33.9		
KSF-1165-QK-185D-B-IB-S62-100/100	n/a	34.8	40.5	40.6	n/a	n/a	38.7	44.9	45.0	30.4	30.4	42.8	49.7	49.8	33.9	31.7	45.9	53.3	53.3	36.6	35.6	51.0	58.7	59.1	40.9		
KSF-1165-QK-185D-B-IB-S62-30/270	n/a	37.6	44.0	44.3	30.0	n/a	42.2	49.2	49.6	33.0	31.9	47.2	54.9	55.4	37.2	34.6	51.1	59.0	59.5	40.6	39.6	57.2	65.9	66.5	46.0		
KSF-1450-QK-300D-B-IB-S62-120/120	n/a	42.9	49.9	50.2	34.2	34.2	47.8	55.1	55.6	37.7	36.3	52.8	60.9	61.1	42.1	39.1	56.4	65.1	65.3	45.0	43.9	62.5	71.8	72.1	50.3		
KSF-1450-QK-300D-B-IB-S62-32/288	n/a	45.8	53.4	53.8	35.8	34.5	51.2	59.5	59.9	40.4	38.9	56.8	66.0	66.4	45.6	42.3	61.2	70.7	71.3	49.1	47.9	68.3	78.3	79.0	55.4		
KSF-1750-QK-185T-B-IB-S100-100/100	n/a	52.6	61.1	61.3	42.7	42.7	58.3	67.6	68.0	46.0	44.5	64.6	74.6	74.8	51.1	48.0	69.0	79.6	80.1	55.1	53.7	76.4	88.0	88.3	61.4		
KSF-1750-QK-185T-B-IB-S100-30/270	n/a	57.1	66.5	67.1	44.2	42.8	64.0	74.6	75.0	50.2	48.4	71.4	82.9	83.5	56.8	52.9	77.1	89.1	89.9	61.6	60.1	86.4	99.3	100.1	69.6		
KSF-2175-QK-300T-B-IB-S100-110/110	46.9	64.0	74.1	74.4	50.6	48.8	70.8	81.7	82.0	56.2	54.2	77.9	89.8	90.1	62.3	58.3	83.1	95.6	95.6	66.6	64.8	91.5	105.1	105.4	73.9		
KSF-2175-QK-300T-B-IB-S100-32/288	47.0	69.8	81.1	81.8	54.9	53.0	77.9	90.4	90.9	62.0	59.7	86.6	99.9	100.8	69.5	64.7	93.0	106.9	107.8	75.0	73.1	103.4	118.4	119.3	84.0		

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	32	32	32	32	21	25.6	27	28			
Range °C	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	6	6	6	7	8	5	6.67	5	5			
Approach °C	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	4	6	7	8	6	6	6.67	5	4			
Inlet Water Temperature °C	34	36	37	39	38	37	39	40	42	41	39	41	42	44	43	42	44	45.2	47.2	46.2	32	38.9	37	37			
Outlet Water Temperature °C	28	30	31	32	30	31	33	34	35	33	33	35	36	37	35	36.2	38.2	39.2	40.2	38.2	27	32.2	32	32			
Process Fluid Type	Water (no glycol)																										
Model	Water flow rates (l/s) for indicated conditions																										
KSF-700-QK-300-B-S62-60/60	24.1	34.4	39.6	39.6	27.6	27.0	38.0	43.6	43.7	30.6	28.9	40.5	46.5	46.3	32.7	31.9	44.6	50.7	50.6	35.9	36.1	36.8	37.3	32.0			
KSF-700-QK-300-B-S62-18/162	27.4	39.1	44.9	45.1	31.6	31.0	43.6	49.7	49.9	35.5	33.4	46.8	52.7	52.9	38.1	37.4	51.3	57.5	57.7	42.2	40.4	42.1	42.7	36.6			
KSF-930-QK-150D-B-S62-80/80	31.2	44.2	51.2	51.3	35.4	34.7	49.4	56.3	56.5	39.6	37.3	52.5	60.1	60.4	42.3	41.5	58.1	66.0	66.0	46.7	46.5	47.5	48.4	41.3			
KSF-930-QK-150D-B-S62-24/216	34.7	50.3	57.8	58.1	40.4	39.6	56.3	64.3	64.9	45.5	43.0	60.4	68.4	68.6	49.0	48.1	66.8	75.1	75.1	54.8	51.7	54.1	55.0	47.1			
KSF-1165-QK-185D-B-S62-100/100	41.3	58.4	66.9	67.1	47.1	45.9	64.5	73.5	73.7	52.1	49.1	68.6	77.6	77.6	55.3	53.9	74.8	84.1	83.7	60.7	61.1	62.3	63.4	54.4			
KSF-1165-QK-185D-B-S62-30/270	46.7	66.4	75.9	76.3	53.7	52.8	73.8	82.9	83.3	60.2	56.7	78.1	87.9	88.1	64.3	63.4	85.2	95.7	95.7	71.1	68.3	71.1	72.3	62.2			
KSF-1450-QK-300D-B-S62-120/120	50.7	71.2	81.6	81.6	57.6	56.2	78.4	88.8	88.8	63.6	59.9	82.8	93.4	93.0	67.4	66.1	89.6	100.2	100.0	73.5	74.6	75.6	76.9	66.3			
KSF-1450-QK-300D-B-S62-32/288	56.0	78.3	89.0	89.4	63.9	62.8	86.5	97.1	97.4	71.1	67.1	91.3	102.4	102.4	75.6	73.8	98.7	110.0	110.0	83.2	81.5	84.0	85.0	73.4			
KSF-1750-QK-185T-B-S100-100/100	62.2	87.6	100.1	100.1	70.6	68.8	95.9	109.6	109.6	78.0	73.3	101.7	114.9	114.9	82.8	80.5	110.7	124.5	124.0	90.6	91.7	93.3	94.7	81.2			
KSF-1750-QK-185T-B-S100-30/270	70.9	100.0	113.3	113.9	81.4	79.6	110.1	124.1	124.4	90.6	85.6	116.7	131.2	131.2	97.0	94.8	126.6	142.2	141.7	106.5	103.3	107.1	108.6	93.9			
KSF-2175-QK-300T-B-S100-110/110	74.1	103.7	118.2	118.2	84.0	81.8	112.9	127.4	127.4	92.1	86.9	119.3	133.5	133.2	96.7	94.3	127.5	142.7	142.1	105.4	102.9	109.5	111.8	95.9			
KSF-2175-QK-300T-B-S100-32/288	84.9	118.2	132.6	133.2	96.7	94.3	128.0	144.2	144.2	106.6	100.8	135.6	151.2	151.2	113.5	110.9	146.1	163.0	163.0	122.9	122.2	124.5	126.3	110.4			
KSF-700-QK-300-B-IB-S62-60/60	23.2	33.2	38.3	38.3	26.6	25.9	36.7	42.2	42.4	29.6	27.9	39.3	44.9	44.9	31.8	31.0	43.4	49.2	49.3	35.1	34.7	35.6	36.1	30.8			
KSF-700-QK-300-B-IB-S62-18/162	26.1	37.6	43.3	43.6	30.3	29.6	42.1	48.3	48.6	34.2	32.1	45.1	51.0	51.4	36.8	36.0	49.9	56.1	56.1	41.0	38.8	40.6	41.1	35.2			
KSF-930-QK-150D-B-IB-S																											