

Cooling capacities



30RBS 039-160

LWT °C		Condenser entering air temperature, °C																								
		25					30					35					40					45				
		CAP kW	COMP kW	UNIT kW	COOL l/s	COOL kPa	CAP kW	COMP kW	UNIT kW	COOL l/s	COOL kPa	CAP kW	COMP kW	UNIT kW	COOL l/s	COOL kPa	CAP kW	COMP kW	UNIT kW	COOL l/s	COOL kPa	CAP kW	COMP kW	UNIT kW	COOL l/s	COOL kPa
039	5	40.6	10.7	11.4	1.94	46.0	39.0	11.6	12.3	1.86	42.2	37.2	12.7	13.4	1.77	38.2	34.9	14.0	14.7	1.66	33.5	32.3	15.6	16.3	1.54	28.5
045		46.2	12.0	12.9	2.20	56.7	44.5	13.4	14.3	2.12	53.1	42.0	14.9	15.8	2.00	47.9	38.7	16.4	17.3	1.84	41.5	35.2	18.0	18.9	1.68	35.1
050		54.5	14.4	15.3	2.60	68.8	51.9	15.9	16.7	2.47	62.7	48.7	17.5	18.3	2.32	55.7	45.0	19.4	20.3	2.14	48.2	40.8	21.6	22.4	1.94	40.2
060		61.2	16.3	17.1	2.92	69.3	58.5	18.1	18.9	2.78	63.7	54.5	20.1	20.9	2.59	55.9	50.0	22.2	23.0	2.38	47.8	45.2	24.7	25.5	2.15	39.6
070		71.0	19.5	19.9	3.38	71.3	67.3	21.3	21.7	3.20	64.4	62.8	23.3	23.7	2.99	56.7	58.0	25.5	25.8	2.76	48.7	52.5	27.8	28.1	2.50	40.6
080		83.8	22.4	24.1	3.99	80.1	79.1	24.4	26.2	3.77	71.4	74.1	26.7	28.5	3.53	62.5	68.7	29.3	31.2	3.27	53.5	62.8	32.2	34.2	2.99	44.6
090		93.9	24.2	25.8	4.47	58.2	89.8	26.8	28.3	4.27	53.3	84.2	29.6	31.1	4.01	47.3	77.9	32.6	34.1	3.71	40.8	71.0	35.9	37.4	3.38	34.2
100		106.0	27.9	29.5	5.05	60.8	100.6	30.5	32.1	4.79	55.3	94.3	33.5	35.0	4.49	49.0	87.4	36.7	38.2	4.16	42.6	79.7	40.2	41.7	3.79	35.9
120		124.6	34.5	36.1	5.93	69.7	118.1	37.0	38.6	5.62	62.8	111.0	39.8	41.4	5.28	55.6	103.4	43.0	44.5	4.92	48.5	94.7	47.0	48.5	4.51	40.8
140		143.4	37.5	40.6	6.83	75.7	135.7	40.9	43.9	6.47	68.3	126.8	44.7	47.7	6.04	60.0	117.0	48.9	51.8	5.58	51.5	105.9	53.5	56.4	5.05	42.6
160		166.5	45.2	48.4	7.93	84.0	157.4	49.0	52.2	7.50	75.2	147.5	53.1	56.3	7.03	66.3	136.9	57.9	61.0	6.52	57.3	125.3	63.2	66.2	5.97	48.2
039	7	43.0	11.0	11.6	2.05	51.2	41.3	11.9	12.6	1.97	47.0	39.3	13.0	13.7	1.87	42.5	36.9	14.3	15.0	1.76	37.2	34.2	15.9	16.5	1.63	31.7
045		48.9	12.3	13.2	2.33	62.0	47.2	13.7	14.6	2.25	58.1	44.6	15.1	16.1	2.12	52.5	41.1	16.6	17.6	1.96	45.6	37.4	18.2	19.1	1.78	38.6
050		58.3	15.0	15.8	2.78	77.1	55.5	16.4	17.3	2.64	70.2	51.9	18.0	18.9	2.48	62.2	48.1	19.8	20.7	2.29	53.9	43.7	21.8	22.7	2.09	45.2
060		65.6	16.6	17.4	3.13	77.8	62.6	18.4	19.2	2.99	71.5	58.4	20.4	21.2	2.78	62.9	53.7	22.5	23.4	2.56	53.8	48.5	25.0	25.8	2.31	44.7
070		75.4	20.1	20.6	3.60	78.9	71.4	21.9	22.3	3.40	71.1	66.7	24.0	24.4	3.18	62.6	61.5	26.2	26.5	2.93	53.8	55.6	28.5	28.8	2.65	44.7
080		88.8	22.9	24.6	4.23	89.2	83.9	24.9	26.7	4.00	79.4	78.6	27.2	29.0	3.74	69.5	72.8	29.7	31.6	3.48	59.7	66.5	32.6	34.6	3.18	49.8
090		99.6	24.8	26.4	4.75	64.2	95.2	27.5	29.0	4.54	59.0	89.4	30.2	31.8	4.26	52.3	82.8	33.2	34.8	3.95	45.2	75.6	36.6	38.1	3.60	38.1
100		112.4	28.7	30.3	5.36	67.1	106.6	31.3	32.9	5.08	60.8	99.9	34.4	35.9	4.76	53.9	92.5	37.6	39.2	4.41	46.8	84.3	41.1	42.6	4.02	39.4
120		131.6	36.0	37.6	6.28	76.8	124.6	38.8	40.3	5.94	68.9	117.0	41.6	43.2	5.58	61.0	109.0	44.8	46.4	5.20	53.1	100.2	48.2	49.7	4.78	45.1
140		152.2	38.8	41.9	7.26	84.0	143.9	42.2	45.3	6.87	75.5	134.3	46.1	49.1	6.41	66.2	123.9	50.3	53.2	5.91	56.8	112.2	54.6	57.5	5.36	47.0
160		177.2	46.7	49.9	8.45	93.8	167.5	50.6	53.8	7.99	84.0	157.1	54.8	57.9	7.50	74.2	145.8	59.5	62.7	6.95	64.0	133.5	64.8	67.8	6.37	53.9
039	10	46.7	11.4	12.0	2.23	59.8	44.8	12.3	13.0	2.14	54.9	42.6	13.5	14.1	2.04	49.5	40.0	14.8	15.4	1.91	43.4	37.1	16.4	17.0	1.77	37.0
045		53.1	12.7	13.6	2.54	70.5	51.3	14.1	15.1	2.45	66.2	48.4	15.6	16.6	2.31	59.7	44.7	17.1	18.0	2.13	52.0	40.8	18.6	19.5	1.95	44.3
050		64.3	15.9	16.7	3.07	90.9	61.0	17.4	18.2	2.91	82.5	57.1	19.0	19.9	2.73	73.0	52.9	20.8	21.7	2.53	63.3	48.1	22.7	23.6	2.30	53.1
060		72.2	17.1	17.9	3.45	91.5	69.0	18.9	19.7	3.29	84.0	64.5	20.9	21.7	3.08	74.2	59.5	23.0	23.9	2.84	64.0	53.9	25.5	26.3	2.57	53.4
070		80.5	20.7	21.2	3.84	87.6	76.1	22.7	23.1	3.63	78.8	71.2	24.8	25.2	3.40	69.6	65.9	27.1	27.4	3.15	60.2	59.9	29.5	29.7	2.86	50.5
080		96.7	23.7	25.3	4.62	104.4	91.4	25.7	27.5	4.37	93.3	85.6	28.0	29.8	4.09	81.7	79.4	30.5	32.4	3.79	69.9	72.6	33.3	35.4	3.47	58.4
090		108.5	25.9	27.4	5.18	74.4	103.8	28.5	30.1	4.96	68.3	97.3	31.3	32.9	4.65	60.5	90.2	34.4	35.9	4.31	52.4	82.5	37.7	39.2	3.94	44.3
100		122.3	30.0	31.6	5.84	77.1	115.8	32.7	34.2	5.53	69.7	108.5	35.8	37.3	5.18	61.8	100.4	39.1	40.6	4.80	53.6	91.5	42.5	44.0	4.37	45.1
120		142.8	37.4	39.0	6.82	88.6	135.0	40.5	42.1	6.45	79.3	126.5	44.0	45.6	6.04	69.9	117.5	47.7	49.3	5.61	60.5	107.9	51.1	52.6	5.15	51.3
140		166.4	40.4	43.5	7.95	97.9	156.8	44.3	47.3	7.49	87.4	146.1	48.4	51.3	6.98	76.5	134.6	52.5	55.5	6.43	65.4	121.8	56.9	59.7	5.82	54.1
160		194.2	48.5	51.7	9.28	110.5	183.6	52.8	56.0	8.77	98.9	172.1	57.5	60.6	8.22	87.2	159.9	62.3	65.4	7.64	75.5	146.5	67.5	70.5	7.00	63.6
039	15	53.3	12.1	12.7	2.55	76.8	51.1	13.0	13.7	2.45	70.5	48.7	14.2	14.8	2.33	63.6	45.7	15.6	16.2	2.18	55.7	42.2	17.2	17.8	2.02	47.3
045		60.5	13.5	14.4	2.90	86.6	58.5	15.0	16.0	2.80	81.4	55.0	16.5	17.5	2.63	73.1	50.8	17.9	18.9	2.43	63.5	46.5	19.5	20.4	2.23	54.4
050		75.0	16.5	17.3	3.59	118.1	71.2	18.1	19.0	3.41	107.1	66.6	20.0	20.9	3.19	94.6	61.4	22.2	23.0	2.94	81.6	55.5	24.5	25.3	2.66	67.6
060		82.7	18.1	18.9	3.96	114.4	79.1	19.9	20.8	3.79	105.4	74.2	21.9	22.7	3.55	93.7	68.8	24.0	24.8	3.29	81.5	62.9	26.4	27.2	3.01	69.1
070		88.3	21.2	21.6	4.23	101.6	83.6	23.2	23.6	4.00	91.6	78.3	25.7	26.0	3.75	81.0	72.4	28.4	28.7	3.46	70.0	66.0	30.9	31.1	3.16	58.9
080		111.3	25.0	26.7	5.33	135.6	105.2	27.1	28.9	5.04	121.0	98.6	29.4	31.3	4.72	106.0	91.4	32.0	33.9	4.38	90.9	83.6	34.7	36.8	4.01	75.9
090		124.4	27.8	29.3	5.95	93.8	118.7	30.5	32.1	5.68	85.9	111.2	33.4	34.9	5.32	76.0	103.2	36.5	38.0	4.94	65.9	94.5	39.9	41.4	4.52	55.8
100		139.8	32.5	34.1	6.69	96.2	132.0	35.3	36.8	6.32	86.5	123.6	38.4	39.9	5.91	76.6	114.2	41.7	43.2	5.47	66.2	104.1	45.1	46.6	4.98	55.8
120		162.4	39.9	41.5	7.77	111.0	153.5	43.0	44.6	7.34	99.3	143.8	46.6	48.2	6.88	87.5	133.3	50.5	52.1	6.38	75.5	121.7	54.7	56.2	5.83	63.2
140		192.4	42.2	45.2	9.21	126.0	181.6	46.0	49.0	8.70	113.0	169.0	50.7	53.6	8.10	98.5	154.9	55.7	58.6	7.42	83.4	138.9	61.1	63.9	6.65	67.7
160		225.3	50.7	53.9	10.78	144.1	213.1	55.2	58.4	10.20	129.2	199.9	60.1	63.2	9.58	114.2	185.7	65.5	68.7	8.90	98.8	170.2	71.6	74.6	8.15	83.3
039	18	57.6	12.5	13.2	2.76	89.1	55.3	13.5	14.2	2.65	81.7	52.6	14.7	15.3	2.52	73.7	49.4	16.1	16.7	2.37	64.5	45.6	17.7	18.3	2.19	54.8
045		65.2	14.1	15.0	3.13	97.3	62.9	15.6	16.5	3.01	91.3	59.2	17.1	18.1	2.84	82.1	54.7	18.5	19.5	2.62	71.3	50.1	20.1	21.0	2.40	61.0
050		81.7	16.9	17.8	3.91	136.0	77.7	18.5	19.4	3.73	124.3	72.7	20.4	21.3	3.49	109.9	67.2	22.6	23.4	3.22	94.8	60.7	24.9	25.7	2.91	78.6
060		89.5	18.8	19.6	4.29	130.3	85.6	20.7	21.5	4.10	120.0	80.2	22.6	23.5	3.85	106.5	74.3	24.8	25.6	3.56	92.7	68.0	27.1	28.0	3.26	78.7
070		92.1	21.4	21.8	4.41	108.2	87.2	23.4	23.8	4.1																