ERAD-E-SL

Ta: Condenser inlet air temperature; Te: Evaporator temperature; CC: Cooling capacity; PI: Power input

Size	Te / Ta	Ta											
		-1		1		3		5		7		9	
		CC	PI	CC	PI	CC	PI	CC	PI	CC	PI	CC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120	25	99.9	31.3	107.0	32.5	114.0	33.7	122.0	35	130.0	36.4	138.0	37.9
	30	94.4	34	101.0	35.2	108.0	36.5	116.0	37.9	123.0	39.3	131.0	40.8
	35	88.5	37	95	38.3	102.0	39.6	109.0	40.9	116.0	42.4	123.0	43.9
	40	82.3	40.2	88.6	41.5	95	42.8	102.0	44.2	109.0	45.7	116.0	47.2
	45	75.8	43.7	81.8	45	86	45	88.1	43.6	90.5	42.5	92.5	41.4
	48			70	41.5	72.2	40.5	74	39.4	75.5	38.2	77.3	37.3
140	25	119.0	38.6	127.0	40.1	136.0	41.7	145.0	43.4	154.0	45.2	163.0	47
	30	112.0	42	120.0	43.5	128.0	45.2	137.0	46.9	146.0	48.7	155.0	50.6
	35	105.0	45.6	113.0	47.2	120.0	48.9	129.0	50.6	137.0	52.5	146.0	54.5
	40	97.3	49.5	105.0	51.2	112.0	52.9	120.0	54.7	126.0	55.5	129.0	53.7
	45	84.8	50.2	92.2	52.2	94.6	50.5	96.4	48.7	98.5	47.3	101.0	46.5
	48			76.3	46.4	78.3	45	80.6	44.1	82.7	43.1	84.3	42
160	25	136.0	42.8	145.0	44.3	156.0	45.9	166.0	47.6	177.0	49.4	188.0	51.3
	30	128.0	46.5	138.0	48.1	148.0	49.7	158.0	51.5	168.0	53.3	179.0	55.3
	35	121.0	50.6	130.0	52.2	139.0	53.9	149.0	55.7	159.0	57.7	169.0	59.7
	40	112.0	55.1	121.0	56.8	130.0	58.6	139.0	60.5	149.0	62.5	159.0	64.6
	45	104.0	60.1	112.0	61.9	121.0	63.8	129.0	65.7	133.0	64.5	136.0	62.3
	48			103.0	62.8	106.0	60.8	109.0	59.3	112.0	57.7	114.0	56
190	25	161.0	49	172.0	50.8	184.0	52.7	197.0	54.8	209.0	56.9	223.0	59.2
	30	152.0	53.3	163.0	55.2	175.0	57.1	186.0	59.2	199.0	61.4	211.0	63.7
	35	143.0	58	153.0	59.9	164.0	61.9	176.0	64	187.0	66.3	199.0	68.7
	40	133.0	63	143.0	65	153.0	67	164.0	69.2	175.0	71.5	187.0	73.9
	45	122.0	68.4	132.0	70.4	142.0	72.5	146.0	70.4	149.0	68.1	152.0	66.4
	48			116.0	67.1	119.0	64.8	122.0	63	124.0	61.2	128.0	59.9
210	25	181.0	54.6	194.0	56.5	208.0	58.6	222.0	60.8	237.0	63.1	252.0	65.5
	30	171.0	59.4	184.0	61.4	197.0	63.5	210.0	65.8	224.0	68.2	238.0	70.7
	35	160.0	64.7	172.0	66.8	184.0	69.1	196.0	71.4	209.0	73.9	222.0	76.5
	40	147.0	70.8	158.0	73	169.0	75.3	181.0	77.7	192.0	80.3	204.0	83
	45	132.0	77.7	142.0	79.9	152.0	82.3	162.0	84.8	173.0	87.5	178.0	85.8
	48			131.0	84.5	137.0	83.6	141.0	80.9	145.0	78.9	149.0	76.7
240	25	205.0	56.8	219.0	58.5	233.0	60.5	247.0	62.5	262.0	64.6	278.0	66.9
	30	199.0	62.7	213.0	64.6	226.0	66.6	240.0	68.8	254.0	71.1	269.0	73.5
	35	191.0	69.2	203.0	71.2	216.0	73.4	229.0	75.7	243.0	78.1	257.0	80.7
	40	179.0	76.5	191.0	78.7	203.0	81	215.0	83.4	227.0	86	240.0	88.6
	45	163.0	84.7	174.0	87	185.0	89.4	195.0	91.1	200.0	88.8	203.0	86.2
	48			156.0	87	160.0	84.6	164.0	82.1	167.0	79.4	170.0	77.5
300	25	254.0	68.7	273.0	71.1	293.0	73.8	313.0	76.6	334.0	79.7	356.0	82.9
	30	241.0	74.5	259.0	77	278.0	79.6	297.0	82.4	317.0	85.4	338.0	88.6
	35	227.0	81.4	244.0	83.7	261.0	86.3	279.0	89	298.0	91.9	318.0	95.1
	40	211.0	89.4	227.0	91.6	243.0	94	260.0	96.7	278.0	99.5	296.0	103.0
	45	192.0	98.7	207.0	101.0	222.0	103.0	238.0	106.0	255.0	108.0	270.0	110.0
	48			194.0	107.0	207.0	109.0	214.0	106.0	220.0	104.0	226.0	101.0
350	25	308.0	90.8	330.0	94.6	353.0	98.6	376.0	103.0	400.0	107.0	425.0	112.0
	30	290.0	97.4	311.0	101.0	332.0	106.0	355.0	110.0	377.0	115.0	401.0	119.0
	35	271.0	104.0	291.0	109.0	311.0	113.0	331.0	118.0	352.0	122.0	374.0	128.0
	40	250.0	112.0	268.0	116.0	286.0	121.0	305.0	126.0	325.0	131.0	345.0	136.0
	45	226.0	120.0	243.0	125.0	252.0	126.0	258.0	124.0	265.0	122.0	269.0	119.0
	48			203.0	115.0	210.0	114.0	216.0	112.0	222.0	110.0	226.0	107.0
410	25	362.0	111.0	388.0	116.0	414.0	121.0	441.0	126.0	468.0	132.0	497.0	138.0
	30	341.0	119.0	365.0	124.0	389.0	129.0	414.0	135.0	440.0	141.0	466.0	147.0
	35	318.0	127.0	340.0	133.0	362.0	138.0	385.0	144.0	409.0	150.0	434.0	157.0
	40	291.0	137.0	312.0	142.0	332.0	148.0	354.0	154.0	371.0	158.0	378.0	156.0
	45	248.0	138.0	270.0	145.0	276.0	143.0	284.0	141.0	291.0	138.0	296.0	134.0
	48			222.0	130.0	230.0	129.0	237.0	127.0	244.0	124.0	249.0	121.0
460	25	404.0	121.0	430.0	126.0	457.0	132.0	484.0	137.0	512.0	143.0	541.0	150.0
	30	388.0	131.0	413.0	137.0	438.0	143.0	463.0	149.0	489.0	155.0	516.0	161.0
	35	369.0	143.0	391.0	148.0	414.0	154.0	438.0	161.0	462.0	167.0	476.0	169.0
	40	341.0	154.0	364.0	161.0	372.0	160.0	376.0	156.0	382.0	153.0	390.0	151.0
	45	259.0	133.0	281.0	140.0	291.0	140.0	297.0	136.0	301.0	133.0	309.0	131.0
	48			233.0	125.0	243.0	125.0	249.0	123.0	255.0	120.0	259.0	117.0