



ACCEL SMC 65

R-22

CONDENSING TEMP

CT

°C(5)

EVAPORATING "

ET

°C(5)

LIQUID SUBCOOLING 5 K

CAPACITY

QE

KW

SUCTION SUPERHEAT 10 K

POWER CONSUMP.

NE

KW

CT C	ET C	ACCEL SMC 2-65						ACCEL SMC 3-65						ACCEL SMC 4-65							
		RPM		1170		1460		1750		1170		1460		1750		1170		1460		1750	
		QE	NE	QE	NE	QE	NE	QE	NE	QE	NE	QE	NE	QE	NE	QE	NE	QE	NE	QE	NE
20	10	31.9	2.2	39.8	2.8	47.7	3.4	47.9	3.4	59.7	4.2	71.6	5.0	63.9	4.5	79.5	5.6	95.5	6.7		
20	5	26.9	2.7	33.5	3.4	40.2	4.0	40.3	4.0	50.2	5.0	60.2	6.0	53.7	5.4	67.0	6.7	80.3	8.0		
20	0	22.4	2.9	27.9	3.6	33.5	4.3	33.6	4.4	41.9	5.4	50.2	6.5	44.8	5.8	55.8	7.2	67.0	8.7		
20	-5	18.4	2.9	23.0	3.7	27.6	4.4	27.7	4.4	34.5	5.5	41.4	6.6	36.9	5.9	46.1	7.4	55.2	8.8		
20	-10	15.0	2.9	18.8	3.6	22.5	4.4	22.6	4.4	28.1	5.4	33.8	6.5	30.1	5.8	37.5	7.2	45.0	8.7		
20	-15	12.1	2.8	15.1	3.5	18.0	4.1	18.1	4.2	22.6	5.2	27.0	6.2	24.2	5.6	30.2	6.9	36.1	8.3		
20	-20	9.5	2.6	11.9	3.2	14.2	3.9	14.3	3.9	17.8	4.9	21.3	5.8	19.0	5.2	23.7	6.5	28.4	7.8		
20	-25	7.3	2.4	9.1	2.9	10.9	3.5	11.0	3.5	13.7	4.4	16.4	5.3	14.6	4.7	18.3	5.9	21.9	7.1		
20	-30	5.5	2.1	6.8	2.6	8.1	3.1	8.2	3.1	10.2	3.9	12.2	4.6	10.9	4.2	13.6	5.2	16.3	6.2		
20	-35	3.9	1.8	4.8	2.2	5.8	2.6	5.9	2.6	7.3	3.3	8.8	4.0	7.8	3.5	9.7	4.4	11.7	5.3		
20	-40	2.7	1.4	3.3	1.8	3.9	2.1	4.0	2.1	4.9	2.6	5.9	3.2	5.3	2.8	6.6	3.5	7.9	4.3		
20	-45	1.7	1.0	2.1	1.3	2.5	1.6	2.5	1.6	3.1	2.0	3.7	2.4	3.3	2.1	4.2	2.7	4.9	3.2		
25	10	30.5	2.9	38.3	3.7	45.8	4.4	45.8	4.4	57.4	5.5	68.8	6.6	61.1	5.9	76.5	7.4	91.7	8.8		
25	5	25.6	3.2	32.0	4.0	38.3	4.8	38.4	4.8	48.0	6.0	57.4	7.2	51.2	6.4	63.9	8.0	76.5	9.6		
25	0	21.3	3.3	26.6	4.1	31.8	4.9	31.9	4.9	39.8	6.2	47.7	7.4	42.6	6.6	53.1	8.2	63.6	9.9		
25	-5	17.5	3.3	21.8	4.1	26.1	4.9	26.2	4.9	32.7	6.1	39.2	7.3	34.9	6.6	43.6	8.1	52.3	9.8		
25	-10	14.2	3.2	17.7	4.0	21.2	4.7	21.3	4.8	26.5	5.9	31.8	7.1	28.3	6.3	35.3	7.9	42.3	9.5		
25	-15	11.3	3.0	14.1	3.7	16.9	4.4	16.9	4.5	21.1	5.5	25.3	6.7	22.6	6.0	28.2	7.4	33.8	8.9		
25	-20	8.8	2.7	11.0	3.4	13.2	4.1	13.2	4.1	16.5	5.1	19.8	6.2	17.6	5.4	22.0	6.9	26.4	8.2		
25	-25	6.7	2.5	8.3	3.1	10.0	3.7	10.1	3.7	12.5	4.6	15.0	5.5	13.4	4.9	16.7	6.1	20.0	7.3		
25	-30	4.9	2.1	6.1	2.6	7.3	3.2	7.3	3.2	9.1	4.0	11.0	4.8	9.8	4.3	12.2	5.3	14.7	6.3		
25	-35	3.4	1.8	4.3	2.2	5.1	2.6	5.1	2.6	6.4	3.3	7.7	4.0	6.8	3.5	8.6	4.4	10.2	5.3		
25	-40	2.2	1.4	2.8	1.7	3.4	2.1	3.4	2.1	4.2	2.6	5.1	3.1	4.5	2.8	5.6	3.4	6.7	4.1		
25	-45	1.4	1.0	1.7	1.2	2.1	1.5	2.1	1.5	2.6	1.8	3.1	2.2	2.8	2.0	3.5	2.5	4.2	3.0		
30	10	29.1	3.5	36.3	4.4	43.6	5.3	43.7	5.3	54.5	6.6	65.3	7.9	58.3	7.1	72.7	8.8	87.1	10.5		
30	5	24.4	3.7	30.4	4.6	36.4	5.4	36.5	5.5	45.6	6.8	54.6	8.2	48.7	7.3	60.8	9.1	72.8	10.9		
30	0	20.2	3.7	25.2	4.6	30.2	5.4	30.2	5.5	37.7	6.8	45.2	8.2	40.3	7.3	50.3	9.1	60.3	10.9		
30	-5	16.5	3.5	20.6	4.4	24.6	5.3	24.7	5.3	30.9	6.7	36.9	7.9	33.0	7.1	41.1	8.9	49.2	10.6		
30	-10	13.3	3.4	16.6	4.2	19.8	5.0	19.9	5.1	24.8	6.3	29.8	7.6	26.5	6.8	33.1	8.4	39.7	10.1		
30	-15	10.5	3.1	13.1	3.9	15.7	4.7	15.7	4.7	19.6	5.9	23.5	7.1	21.0	6.3	26.1	7.8	31.4	9.4		
30	-20	8.1	2.9	10.1	3.6	12.1	4.3	12.2	4.3	15.2	5.4	18.2	6.4	16.2	5.7	20.2	7.2	24.2	8.6		
30	-25	6.1	2.5	7.6	3.1	9.1	3.8	9.1	3.8	11.4	4.7	13.6	5.7	12.1	5.1	15.2	6.3	18.1	7.5		
30	-30	4.4	2.1	5.4	2.7	6.5	3.2	6.5	3.2	8.1	4.0	9.8	4.8	8.7	4.3	10.8	5.4	13.0	6.4		
30	-35	3.0	1.7	3.7	2.2	4.4	2.6	4.4	2.6	5.5	3.2	6.6	3.9	5.9	3.4	7.3	4.3	8.9	5.1		
30	-40	1.9	1.3	2.3	1.6	2.8	1.9	2.8	2.0	3.5	2.5	4.3	2.9	3.8	2.6	4.7	3.3	5.7	3.9		
35	10	27.7	4.0	34.5	5.0	41.3	6.0	41.5	6.0	51.8	7.6	61.9	9.0	55.4	8.1	69.1	10.1	82.6	12.0		
35	5	23.1	4.1	28.8	5.0	34.5	6.0	34.6	6.1	43.2	7.6	51.8	9.1	46.1	8.1	57.6	10.1	69.0	12.1		
35	0	19.0	4.0	23.7	5.0	28.4	5.9	28.5	5.9	35.6	7.4	42.6	8.9	38.0	7.9	47.4	9.9	56.8	11.9		
35	-5	15.5	3.8	19.3	4.7	23.1	5.7	23.2	5.7	28.9	7.1	34.7	8.6	30.9	7.6	38.6	9.5	46.2	11.4		
35	-10	12.3	3.6	15.4	4.5	18.5	5.3	18.5	5.4	23.1	6.7	27.7	8.0	24.7	7.2	30.8	9.0	37.0	10.7		
35	-15	9.7	3.3	12.1	4.1	14.5	4.9	14.5	4.9	18.1	6.2	21.7	7.4	19.3	6.6	24.2	8.2	28.9	9.9		
35	-20	7.4	2.9	9.2	3.7	11.0	4.4	11.1	4.4	13.8	5.5	16.5	6.6	14.8	5.9	18.4	7.4	22.0	8.8		
35	-25	5.4	2.6	6.8	3.2	8.1	3.8	8.1	3.9	10.2	4.8	12.2	5.8	10.8	5.1	13.6	6.4	16.2	7.7		
35	-30	3.8	2.1	4.8	2.6	5.7	3.2	5.7	3.2	7.2	4.0	8.5	4.8	7.7	4.3	9.5	5.3	11.4	6.3		
35	-35	2.5	1.7	3.1	2.1	3.8	2.5	3.8	2.5	4.7	3.1	5.7	3.8	5.1	3.4	6.3	4.2	7.6	5.0		

*Please consult ACCEL for grey shaded areas



ACCEL SMC 65

CONDENSING TEMP
EVAPORATING "

R-22

CT °C(5)
ET °C(5)

LIQUID SUBCOOLING 5 K
SUCTION SUPERHEAT 10 K

CAPACITY QE KW
POWER CONSUMP. NE KW

CT C	ET C	ACCEL SMC 2-65						ACCEL SMC 3-65						ACCEL SMC 4-65					
		1170		1460		1750		1170		1460		1750		1170		1460		1750	
		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
40	10	26.2	4.5	32.7	5.6	39.0	6.7	39.3	6.7	49.0	8.3	58.5	10.0	52.4	9.0	65.4	11.1	78.0	13.4
40	5	21.7	4.4	27.1	5.5	32.5	6.6	32.6	6.6	40.7	8.2	48.8	9.9	43.5	8.8	54.2	11.0	65.1	13.2
40	0	17.8	4.3	22.2	5.3	26.7	6.4	26.8	6.4	33.4	7.9	40.0	9.6	35.7	8.5	44.5	10.6	53.3	12.8
40	-5	14.4	4.0	18.0	5.0	21.6	6.0	21.6	6.0	26.9	7.6	32.3	9.1	28.8	8.1	35.9	10.1	43.1	12.1
40	-10	11.4	3.8	14.2	4.7	17.1	5.6	17.1	5.7	21.4	7.1	25.6	8.4	22.8	7.5	28.5	9.4	34.2	11.2
40	-15	8.9	3.4	11.0	4.3	13.2	5.1	13.3	5.1	16.5	6.4	19.8	7.7	17.7	6.8	22.0	8.5	26.4	10.2
40	-20	6.6	3.0	8.3	3.8	9.9	4.5	9.9	4.5	12.4	5.7	14.9	6.8	13.3	6.0	16.6	7.5	19.8	9.0
40	-25	4.8	2.6	6.0	3.2	7.2	3.8	7.2	3.9	9.0	4.8	10.8	5.8	9.6	5.1	12.0	6.4	14.4	7.7
40	-30	3.3	2.1	4.1	2.6	4.9	3.1	4.9	3.1	6.1	3.9	7.4	4.6	6.6	4.2	8.2	5.1	9.8	6.2
40	-35	2.1	1.6	2.7	2.0	3.2	2.4	3.2	2.4	4.0	3.0	4.8	3.5	4.2	3.1	5.3	4.0	6.4	4.7
45	10	24.7	4.9	30.8	6.1	37.0	7.3	37.0	7.3	46.3	9.1	55.5	10.9	49.4	9.7	61.7	12.2	73.9	14.6
45	5	20.4	4.7	25.5	5.9	30.5	7.1	30.6	7.1	38.2	8.8	45.8	10.6	40.8	9.5	50.9	11.8	61.1	14.2
45	0	16.6	4.5	20.8	5.6	24.9	6.8	24.9	6.8	31.1	8.5	37.3	10.1	33.3	9.0	41.5	11.3	49.8	13.5
45	-5	13.3	4.3	16.7	5.3	20.0	6.3	20.0	6.4	25.0	7.9	29.9	9.5	26.7	8.5	33.3	10.6	39.9	12.7
45	-10	10.5	3.9	13.1	4.9	15.7	5.8	15.7	5.9	19.6	7.3	23.5	8.7	21.0	7.8	26.1	9.7	31.4	11.6
45	-15	8.0	3.5	10.0	4.4	12.0	5.2	12.0	5.3	15.0	6.5	18.0	7.8	16.1	7.0	20.0	8.7	24.0	10.4
45	-20	5.9	3.1	7.4	3.8	8.9	4.6	8.9	4.6	11.1	5.7	13.3	6.8	11.9	6.1	14.8	7.6	17.7	9.1
45	-25	4.2	2.5	5.2	3.2	6.3	3.8	6.3	3.8	7.8	4.8	9.4	5.7	8.4	5.1	10.5	6.3	12.6	7.6
45	-30	2.8	2.0	3.5	2.5	4.2	3.0	4.2	3.0	5.2	3.8	6.3	4.5	5.6	4.0	7.0	5.0	8.4	6.0
50	10	23.2	5.2	28.9	6.5	34.7	7.8	34.8	7.8	43.4	9.8	52.0	11.8	46.4	10.4	57.9	13.1	69.4	15.7
50	5	19.1	5.0	23.8	6.3	28.5	7.5	28.6	7.6	35.7	9.4	42.8	11.3	38.1	10.1	47.6	12.5	57.0	15.1
50	0	15.5	4.7	19.3	5.9	23.1	7.1	23.2	7.1	28.9	8.9	34.7	10.7	30.9	9.5	38.6	11.9	46.2	14.3
50	-5	12.3	4.4	15.3	5.5	18.4	6.6	18.4	6.6	23.0	8.3	27.6	9.9	24.5	8.8	30.6	11.0	36.7	13.2
50	-10	9.5	4.0	11.9	5.0	14.3	6.0	14.3	6.0	17.8	7.5	21.4	9.0	19.1	8.1	23.8	10.0	28.6	12.0
50	-15	7.2	3.5	9.0	4.4	10.8	5.3	10.8	5.3	13.5	6.7	16.1	8.0	14.4	7.1	18.0	8.9	21.5	10.7
50	-20	5.2	3.0	6.5	3.8	7.8	4.6	7.8	4.5	9.8	5.7	11.7	6.8	10.5	6.0	13.0	7.5	15.6	9.1
50	-25	3.6	2.5	4.5	3.1	5.4	3.7	5.4	3.7	6.8	4.6	8.1	5.5	7.2	4.9	9.0	6.2	10.8	7.4
50	-30	2.4	1.9	3.0	2.4	3.6	2.8	3.6	2.9	4.4	3.6	5.3	4.3	4.8	3.8	5.9	4.8	7.1	5.7
55	10	21.6	5.6	27.0	6.9	32.4	8.3	32.4	8.3	40.5	10.4	48.6	12.5	43.3	11.1	54.0	13.9	64.8	16.6
55	5	17.7	5.3	22.1	6.6	26.4	7.9	26.5	7.9	33.1	9.9	39.7	11.9	35.4	10.6	44.2	13.2	52.9	15.8
55	0	14.2	5.0	17.8	6.2	21.3	7.4	21.3	7.4	26.6	9.3	31.9	11.1	28.4	9.9	35.5	12.4	42.6	14.9
55	-5	11.2	4.6	14.0	5.7	16.8	6.8	16.8	6.8	21.0	8.6	25.2	10.2	22.4	9.1	28.0	11.4	33.6	13.7
55	-10	8.6	4.1	10.8	5.1	12.9	6.1	12.9	6.2	16.1	7.7	19.3	9.2	17.2	8.2	21.5	10.2	25.8	12.2
55	-15	6.4	3.6	8.0	4.5	9.5	5.3	9.6	5.4	12.0	6.7	14.3	8.0	12.8	7.2	16.0	9.0	19.1	10.7
55	-20	4.5	3.0	5.7	3.7	6.8	4.5	6.8	4.5	8.5	5.6	10.2	6.7	9.1	6.0	11.4	7.5	13.6	9.0
55	-25	3.1	2.4	3.8	3.0	4.6	3.5	4.6	3.6	5.7	4.5	6.9	5.3	6.1	4.8	7.7	6.0	9.2	7.1

*Please consult ACCEL for grey shaded areas



ACCEL SMC 65 L

R-22

CONDENSING TEMP CT °C(5)
 EVAPORATING " ET °C(5)

LIQUID SUBCOOLING 5 K
 SUCTION SUPERHEAT 10 K

CAPACITY QE KW
 POWER CONSUMP. NE KW

CT C	RPM	ACCEL SMC 2-65 L						ACCEL SMC 3-65 L						ACCEL SMC 4-65 L					
		1170		1460		1750		1170		1460		1750		1170		1460		1750	
		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
20	10	42.2	3.0	52.5	3.8	63.0	4.5	63.2	4.5	78.8	5.6	94.5	6.8	84.3	6.0	105.0	7.5	126.0	9.0
20	5	35.5	3.6	44.2	4.5	53.0	5.4	53.2	5.4	66.3	6.8	79.5	8.0	70.9	7.2	88.4	9.0	106.0	10.7
20	0	29.6	3.9	36.9	4.9	44.2	5.8	44.3	5.9	55.3	7.3	66.3	8.7	59.1	7.8	73.7	9.7	88.4	11.8
20	-5	24.4	4.0	30.4	5.0	36.5	5.9	36.5	5.9	45.6	7.4	54.7	8.9	48.7	7.9	60.8	9.9	72.9	11.8
20	-10	19.9	3.9	24.8	4.9	29.7	5.9	29.8	5.9	37.1	7.3	44.6	8.8	39.7	7.8	49.5	9.7	59.4	11.7
20	-15	16.0	3.8	19.9	4.7	23.8	5.6	23.9	5.6	29.9	7.0	35.7	8.3	31.9	7.5	39.8	9.3	47.6	11.1
20	-20	12.6	3.5	15.7	4.4	18.8	5.2	18.8	5.3	23.5	6.5	28.1	7.8	25.1	7.0	31.3	8.7	37.5	10.4
20	-25	9.7	3.2	12.1	4.0	14.5	4.8	14.5	4.7	18.1	5.9	21.7	7.1	19.3	6.3	24.1	7.9	28.9	9.5
20	-30	7.2	2.8	9.0	3.5	10.8	4.2	10.8	4.2	13.5	5.3	16.1	6.2	14.4	5.6	18.0	7.0	21.5	8.3
20	-35	5.2	2.4	6.4	3.0	7.7	3.6	7.7	3.5	9.6	4.4	11.6	5.3	10.3	4.7	12.8	5.9	15.4	7.1
20	-40	3.5	1.9	4.4	2.4	5.2	2.9	5.3	2.9	6.5	3.5	7.8	4.3	7.0	3.8	8.7	4.7	10.4	5.7
20	-45	2.2	1.4	2.8	1.8	3.3	2.2	3.3	2.1	4.1	2.7	4.9	3.2	4.4	2.8	5.5	3.6	6.5	4.3
25	10	40.3	4.0	50.5	5.0	60.5	5.9	60.5	5.9	75.8	7.4	90.8	8.9	80.6	7.9	101.0	9.9	121.0	11.8
25	5	33.8	4.3	42.2	5.4	50.5	6.4	50.7	6.5	63.3	8.0	75.8	9.6	67.6	8.6	84.4	10.7	101.0	12.8
25	0	28.1	4.4	35.1	5.5	42.0	6.6	42.2	6.6	52.6	8.3	63.0	9.9	56.2	8.8	70.1	11.0	84.0	13.2
25	-5	23.1	4.4	28.8	5.5	34.5	6.6	34.6	6.6	43.2	8.2	51.8	9.8	46.1	8.8	57.6	10.9	69.0	13.1
25	-10	18.7	4.3	23.3	5.3	28.0	6.4	28.1	6.4	35.0	8.0	41.9	9.5	37.4	8.5	46.6	10.6	55.9	12.7
25	-15	14.9	4.0	18.6	5.0	22.3	6.0	22.4	6.0	27.9	7.4	33.5	8.9	29.8	8.0	37.2	9.9	44.6	11.9
25	-20	11.6	3.7	14.5	4.6	17.4	5.5	17.4	5.5	21.8	6.9	26.1	8.3	23.2	7.3	29.0	9.2	34.8	11.0
25	-25	8.9	3.3	11.0	4.1	13.2	4.9	13.3	5.0	16.5	6.2	19.8	7.4	17.7	6.6	22.0	8.2	26.4	9.8
25	-30	6.5	2.9	8.1	3.6	9.7	4.3	9.7	4.3	12.1	5.3	14.6	6.4	12.9	5.7	16.1	7.1	19.4	8.5
25	-35	4.5	2.4	5.7	3.0	6.8	3.6	6.8	3.5	8.5	4.4	10.1	5.3	9.0	4.7	11.3	5.9	13.5	7.1
25	-40	3.0	1.9	3.7	2.3	4.5	2.8	4.4	2.8	5.6	3.5	6.7	4.1	5.9	3.7	7.4	4.6	8.9	5.5
25	-45	1.9	1.4	2.3	1.7	2.8	2.0	2.8	2.0	3.5	2.5	4.1	3.0	3.7	2.7	4.6	3.3	5.5	4.0
30	10	38.5	4.8	48.0	5.9	57.5	7.1	57.7	7.1	71.9	8.9	86.3	10.6	76.9	9.5	95.9	11.8	115.0	14.1
30	5	32.2	4.9	40.1	6.1	48.1	7.3	48.2	7.4	60.2	9.2	72.1	11.0	64.3	9.8	80.2	12.2	96.1	14.6
30	0	26.6	4.9	33.2	6.1	39.8	7.3	39.9	7.4	49.8	9.2	59.7	11.0	53.2	9.8	66.4	12.2	79.6	14.6
30	-5	21.8	4.8	27.2	6.0	32.5	7.1	32.6	7.1	40.7	8.9	48.8	10.7	43.5	9.5	54.3	11.9	65.0	14.2
30	-10	17.5	4.6	21.9	5.7	26.2	6.8	26.3	6.8	32.8	8.5	39.3	10.1	35.0	9.1	43.7	11.3	52.4	13.5
30	-15	13.9	4.2	17.3	5.3	20.7	6.3	20.8	6.3	25.9	7.9	31.1	9.5	27.7	8.4	34.5	10.5	41.4	12.6
30	-20	10.7	3.9	13.4	4.8	16.0	5.8	16.1	5.8	20.0	7.2	24.0	8.6	21.4	7.7	26.7	9.6	32.0	11.5
30	-25	8.0	3.4	10.0	4.2	12.0	5.1	12.0	5.1	15.0	6.3	17.9	7.6	16.0	6.8	20.0	8.4	23.9	10.1
30	-30	5.8	2.9	7.2	3.6	8.6	4.3	8.6	4.3	10.7	5.4	12.9	6.5	11.5	5.7	14.3	7.2	17.2	8.6
30	-35	3.9	2.3	4.9	2.9	5.9	3.5	5.9	3.5	7.3	4.4	8.8	5.2	7.8	4.6	9.7	5.8	11.7	6.9
30	-40	2.5	1.8	3.1	2.2	3.8	2.6	3.8	2.6	4.7	3.3	5.6	3.9	5.0	3.5	6.2	4.4	7.5	5.2
35	10	36.6	5.4	45.6	6.8	54.5	8.1	54.8	8.1	68.4	10.1	81.8	12.1	73.1	10.8	91.2	13.5	109.0	16.1
35	5	30.5	5.5	38.0	6.8	45.6	8.1	45.7	8.2	57.0	10.1	68.3	12.2	60.9	10.9	76.0	13.5	91.1	16.2
35	0	25.1	5.3	31.3	6.7	37.5	8.0	37.7	8.0	47.0	10.0	56.3	11.9	50.2	10.6	62.6	13.3	75.0	15.9
35	-5	20.4	5.1	25.5	6.4	30.5	7.7	30.6	7.7	38.2	9.5	45.8	11.5	40.8	10.2	50.9	12.7	61.0	15.3
35	-10	16.3	4.8	20.4	6.0	24.4	7.2	24.5	7.2	30.5	9.0	36.6	10.7	32.6	9.6	40.7	12.0	48.8	14.3
35	-15	12.8	4.4	16.0	5.5	19.1	6.6	19.1	6.6	23.9	8.3	28.7	9.9	25.5	8.8	31.9	11.0	38.2	13.2
35	-20	9.8	4.0	12.2	5.0	14.6	5.9	14.6	5.9	18.2	7.4	21.8	8.9	19.5	7.9	24.3	9.9	29.1	11.8
35	-25	7.2	3.5	9.0	4.3	10.7	5.2	10.7	5.2	13.4	6.5	16.1	7.7	14.3	6.9	17.9	8.6	21.4	10.3
35	-30	5.1	2.9	6.3	3.6	7.5	4.3	7.6	4.3	9.5	5.3	11.3	6.4	10.1	5.7	12.6	7.1	15.0	8.5
35	-35	3.4	2.3	4.2	2.8	5.0	3.4	5.0	3.4	6.2	4.2	7.5	5.0	6.7	4.5	8.3	5.6	10.0	6.7

*Please consult ACCEL for grey shaded areas



ACCEL SMC 65 L

CONDENSING TEMP
EVAPORATING "

CT
ET

R-22

°C(5)
°C(5)

LIQUID SUBCOOLING 5 K
SUCTION SUPERHEAT 10 K

CAPACITY QE KW
POWER CONSUMP. NE KW

CT C	RPM	ACCEL SMC 2-65 L						ACCEL SMC 3-65 L						ACCEL SMC 4-65 L					
		1170		1460		1750		1170		1460		1750		1170		1460		1750	
		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
40	10	34.6	6.0	43.2	7.5	51.5	9.0	51.9	9.0	64.7	11.2	77.3	13.4	69.2	12.0	86.3	14.9	103.0	17.9
40	5	28.7	5.9	35.8	7.4	43.0	8.9	43.1	8.9	53.7	11.0	64.4	13.3	57.4	11.8	71.6	14.7	85.9	17.7
40	0	23.6	5.7	29.4	7.1	35.2	8.6	35.3	8.6	44.0	10.7	52.8	12.8	47.1	11.4	58.7	14.2	70.4	17.1
40	-5	19.0	5.4	23.7	6.8	28.5	8.1	28.5	8.1	35.6	10.1	42.7	12.2	38.0	10.8	47.4	13.5	56.9	16.2
40	-10	15.1	5.1	18.8	6.3	22.6	7.5	22.6	7.6	28.2	9.5	33.8	11.3	30.1	10.1	37.6	12.6	45.1	15.0
40	-15	11.7	4.6	14.6	5.7	17.5	6.9	17.6	6.8	21.8	8.6	26.2	10.3	23.4	9.1	29.1	11.4	34.9	13.7
40	-20	8.8	4.1	11.0	5.1	13.1	6.1	13.1	6.1	16.4	7.6	19.7	9.1	17.5	8.1	21.9	10.1	26.2	12.1
40	-25	6.4	3.5	7.9	4.3	9.5	5.2	9.5	5.2	11.9	6.5	14.3	7.7	12.7	6.9	15.8	8.6	19.0	10.3
40	-30	4.4	2.8	5.4	3.5	6.5	4.2	6.5	4.2	8.1	5.2	9.8	6.2	8.7	5.6	10.8	6.9	13.0	8.3
40	-35	2.8	2.1	3.5	2.7	4.2	3.2	4.2	3.2	5.3	4.0	6.3	4.7	5.6	4.2	7.0	5.3	8.4	6.3
45	10	32.6	6.5	40.7	8.2	48.8	9.8	48.9	9.8	61.1	12.2	73.2	14.6	65.2	13.0	81.4	16.3	97.6	19.5
45	5	27.0	6.4	33.6	7.9	40.3	9.5	40.4	9.5	50.4	11.9	60.5	14.3	53.9	12.7	67.2	15.8	80.6	19.0
45	0	22.0	6.1	27.4	7.6	32.9	9.1	32.9	9.1	41.1	11.3	49.3	13.6	43.9	12.1	54.8	15.1	65.7	18.1
45	-5	17.6	5.7	22.0	7.1	26.4	8.5	26.4	8.6	33.0	10.7	39.5	12.8	35.2	11.4	44.0	14.2	52.7	17.0
45	-10	13.9	5.3	17.3	6.5	20.7	7.8	20.8	7.9	25.9	9.8	31.1	11.7	27.7	10.5	34.5	13.0	41.4	15.6
45	-15	10.6	4.7	13.2	5.9	15.9	7.0	15.9	7.1	19.8	8.8	23.8	10.5	21.2	9.4	26.4	11.7	31.7	14.0
45	-20	7.9	4.1	9.8	5.1	11.7	6.1	11.8	6.2	14.6	7.7	17.6	9.2	15.7	8.2	19.5	10.2	23.4	12.2
45	-25	5.6	3.4	6.9	4.3	8.3	5.1	8.3	5.1	10.4	6.4	12.5	7.7	11.1	6.8	13.8	8.5	16.6	10.2
45	-30	3.7	2.7	4.6	3.4	5.6	4.0	5.6	4.0	6.9	5.0	8.3	6.0	7.4	5.3	9.2	6.7	11.1	8.0
50	10	30.6	7.0	38.2	8.8	45.8	10.5	45.9	10.5	57.3	13.1	68.7	15.8	61.2	14.0	76.4	17.5	91.6	21.0
50	5	25.2	6.8	31.4	8.4	37.7	10.1	37.7	10.1	47.1	12.6	56.5	15.2	50.3	13.5	62.8	16.8	75.3	20.2
50	0	20.4	6.4	25.5	8.0	30.5	9.6	30.6	9.5	38.2	11.9	45.8	14.3	40.8	12.7	50.9	15.9	61.0	19.1
50	-5	16.2	5.9	20.2	7.4	24.3	8.9	24.3	8.9	30.3	11.1	36.4	13.3	32.4	11.8	40.4	14.8	48.5	17.7
50	-10	12.6	5.4	15.7	6.7	18.9	8.1	18.9	8.1	23.6	10.1	28.3	12.1	25.2	10.8	31.4	13.4	37.7	16.1
50	-15	9.5	4.8	11.9	6.0	14.2	7.2	14.3	7.1	17.8	8.9	21.3	10.7	19.0	9.5	23.7	11.9	28.4	14.3
50	-20	6.9	4.1	8.6	5.1	10.3	6.1	10.4	6.1	12.9	7.6	15.5	9.2	13.8	8.1	17.2	10.1	20.6	12.2
50	-25	4.8	3.3	6.0	4.2	7.2	5.0	7.1	5.0	8.9	6.2	10.7	7.4	9.5	6.6	11.9	8.3	14.3	9.9
50	-30	3.2	2.6	3.9	3.2	4.7	3.8	4.7	3.8	5.9	4.8	7.1	5.7	6.3	5.1	7.8	6.4	9.4	7.6
55	10	28.6	7.5	35.7	9.3	42.8	11.2	42.8	11.2	53.5	14.0	64.1	16.7	57.1	14.9	71.3	18.6	85.5	22.3
55	5	23.4	7.1	29.2	8.9	34.9	10.6	35.0	10.7	43.7	13.3	52.4	15.9	46.7	14.2	58.3	17.7	69.8	21.2
55	0	18.8	6.7	23.5	8.3	28.1	10.0	28.1	10.0	35.2	12.5	42.2	14.9	37.5	13.3	46.9	16.6	56.2	19.9
55	-5	14.8	6.1	18.5	7.7	22.2	9.2	22.2	9.2	27.7	11.5	33.2	13.7	29.6	12.2	36.9	15.3	44.3	18.3
55	-10	11.4	5.5	14.2	6.9	17.0	8.2	17.0	8.3	21.3	10.3	25.5	12.3	22.7	11.0	28.4	13.7	34.0	16.4
55	-15	8.5	4.8	10.6	6.0	12.6	7.2	12.7	7.2	15.8	9.0	18.9	10.7	16.9	9.6	21.1	12.0	25.2	14.3
55	-20	6.0	4.0	7.5	5.0	9.0	6.0	9.0	6.0	11.3	7.5	13.5	9.0	12.0	8.0	15.0	10.0	18.0	12.0
55	-25	4.1	3.2	5.1	4.0	6.1	4.8	6.1	4.8	7.6	6.0	9.2	7.1	8.1	6.4	10.1	8.0	12.2	9.5

*Please consult ACCEL for grey shaded areas



ACCEL SMC 65

CONDENSING TEMP
EVAPORATING "

CAPACITY
POWER CONSUMP.

R-22

°C(5)
°C(5)

LIQUID SUBCOOLING 5 K
SUCTION SUPERHEAT 10 K

CT
ET
QE
NE

KW
KW

CT C	RPM	ACCEL SMC 4-65						ACCEL SMC 6-65						ACCEL SMC 8-65					
		1170		1460		1750		1170		1460		1750		1170		1460		1750	
ET C		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
20	10	63.9	4.5	79.5	5.6	95.5	6.7	95.5	6.7	119.7	8.4	143.2	10.0	128.0	9.0	159.1	11.2	190.9	13.4
20	5	53.7	5.4	67.0	6.7	80.3	8.0	80.3	8.1	100.8	10.1	120.5	12.0	107.6	10.7	134.1	13.4	160.6	16.0
20	0	44.8	5.8	55.8	7.2	67.0	8.7	67.1	8.7	84.1	10.8	100.8	13.0	89.4	11.6	111.4	14.5	134.1	17.3
20	-5	36.9	5.9	46.1	7.4	55.2	8.8	55.4	8.9	69.1	11.0	82.6	13.3	73.8	11.8	92.4	14.8	110.6	17.7
20	-10	30.1	5.8	37.5	7.2	45.0	8.7	45.1	8.7	56.3	10.9	67.5	13.1	60.2	11.6	75.1	14.5	90.2	17.4
20	-15	24.2	5.6	30.2	6.9	36.1	8.3	36.2	8.4	45.2	10.4	54.2	12.5	48.3	11.1	60.2	13.9	72.2	16.6
20	-20	19.0	5.2	23.7	6.5	28.4	7.8	28.5	7.8	35.6	9.7	42.7	11.6	38.0	10.4	47.4	13.0	56.9	15.5
20	-25	14.6	4.7	18.3	5.9	21.9	7.1	22.0	7.1	27.3	8.8	32.8	10.6	29.2	9.5	36.5	11.8	43.7	14.1
20	-30	10.9	4.2	13.6	5.2	16.3	6.2	16.4	6.3	20.4	7.8	24.5	9.3	21.8	8.4	27.2	10.4	32.7	12.5
20	-35	7.8	3.5	9.7	4.4	11.7	5.3	11.7	5.3	14.6	6.6	17.5	7.9	15.6	7.1	19.5	8.8	23.3	10.5
20	-40	5.3	2.8	6.6	3.5	7.9	4.3	7.9	4.3	9.8	5.3	11.8	6.3	10.5	5.7	13.1	7.1	15.8	8.5
20	-45	3.3	2.1	4.2	2.7	4.9	3.2	5.0	3.2	6.2	4.0	7.4	4.8	6.7	4.3	8.3	5.3	9.9	6.3
25	10	61.1	5.9	76.5	7.4	91.7	8.8	91.7	8.8	114.4	11.0	137.1	13.2	122.0	11.8	152.3	14.7	182.6	17.6
25	5	51.2	6.4	63.9	8.0	76.5	9.6	76.5	9.6	96.2	12.0	115.2	14.4	102.3	12.8	128.0	16.0	153.0	19.2
25	0	42.6	6.6	53.1	8.2	63.6	9.9	63.8	9.9	79.5	12.3	95.5	14.8	84.8	13.2	106.1	16.4	127.3	19.7
25	-5	34.9	6.6	43.6	8.1	52.3	9.8	52.4	9.8	65.4	12.2	78.0	14.7	69.9	13.1	87.1	16.3	104.5	19.6
25	-10	28.3	6.3	35.3	7.9	42.3	9.5	42.5	9.5	53.0	11.8	63.6	14.2	56.7	12.6	70.7	15.7	84.8	18.9
25	-15	22.6	6.0	28.2	7.4	33.8	8.9	33.9	9.0	42.3	11.1	50.6	13.4	45.2	11.9	56.3	14.9	67.5	17.8
25	-20	17.6	5.4	22.0	6.9	26.4	8.2	26.4	8.2	33.0	10.2	39.5	12.3	35.2	11.0	43.9	13.7	52.7	16.4
25	-25	13.4	4.9	16.7	6.1	20.0	7.3	20.1	7.4	25.0	9.2	30.0	11.0	26.7	9.9	33.4	12.2	40.0	14.7
25	-30	9.8	4.3	12.2	5.3	14.7	6.3	14.7	6.4	18.3	8.0	22.0	9.6	19.6	8.5	24.5	10.6	29.3	12.8
25	-35	6.8	3.5	8.6	4.4	10.2	5.3	10.3	5.3	12.8	6.6	15.4	7.9	13.7	7.0	17.0	8.8	20.5	10.5
25	-40	4.5	2.8	5.6	3.4	6.7	4.1	6.7	4.1	8.4	5.1	10.1	6.1	8.9	5.4	11.2	6.9	13.4	8.2
25	-45	2.8	2.0	3.5	2.5	4.2	3.0	4.2	3.0	5.2	3.7	6.2	4.5	5.5	4.0	6.9	5.0	8.3	6.0
30	10	58.3	7.1	72.7	8.8	87.1	10.5	87.1	10.6	109.1	13.2	131.1	15.8	116.7	14.1	145.5	17.6	174.2	21.1
30	5	48.7	7.3	60.8	9.1	72.8	10.9	73.0	11.0	90.9	13.7	109.1	16.4	97.7	14.6	121.2	18.2	145.5	21.9
30	0	40.3	7.3	50.3	9.1	60.3	10.9	60.5	11.0	75.5	13.7	90.2	16.3	80.3	14.6	100.8	18.2	120.5	21.9
30	-5	33.0	7.1	41.1	8.9	49.2	10.6	49.4	10.7	61.7	13.3	73.9	16.0	65.9	14.2	82.6	17.8	98.5	21.3
30	-10	26.5	6.8	33.1	8.4	39.7	10.1	39.8	10.1	49.6	12.7	59.5	15.1	53.0	13.5	66.2	16.9	79.5	20.2
30	-15	21.0	6.3	26.1	7.8	31.4	9.4	31.4	9.4	39.2	11.8	47.0	14.1	41.9	12.6	52.3	15.7	62.7	18.8
30	-20	16.2	5.7	20.2	7.2	24.2	8.6	24.2	8.6	30.3	10.7	36.3	12.8	32.3	11.4	40.4	14.3	48.4	17.1
30	-25	12.1	5.1	15.2	6.3	18.1	7.5	18.2	7.5	22.7	9.5	27.2	11.3	24.2	10.1	30.2	12.6	36.2	15.1
30	-30	8.7	4.3	10.8	5.4	13.0	6.4	13.0	6.4	16.3	8.1	19.5	9.6	17.4	8.6	21.7	10.7	26.1	12.8
30	-35	5.9	3.4	7.3	4.3	8.9	5.1	8.9	5.1	11.1	6.5	13.3	7.8	11.8	6.9	14.8	8.6	17.7	10.3
30	-40	3.8	2.6	4.7	3.3	5.7	3.9	5.7	3.9	7.0	4.9	8.5	5.8	7.6	5.2	9.4	6.5	11.3	7.8
35	10	55.4	8.1	69.1	10.1	82.6	12.0	83.3	12.1	103.8	15.1	124.2	18.1	110.6	16.1	137.9	20.1	165.9	24.1
35	5	46.1	8.1	57.6	10.1	69.0	12.1	69.2	12.2	86.4	15.1	103.8	18.1	92.4	16.2	115.2	20.2	137.9	24.3
35	0	38.0	7.9	47.4	9.9	56.8	11.9	57.0	11.9	71.1	14.9	85.6	17.8	75.8	15.9	94.7	19.8	113.6	23.7
35	-5	30.9	7.6	38.6	9.5	46.2	11.4	46.4	11.4	57.8	14.3	69.3	17.1	61.7	15.2	77.3	19.0	92.4	22.8
35	-10	24.7	7.2	30.8	9.0	37.0	10.7	37.0	10.7	46.2	13.4	55.4	16.0	49.4	14.3	61.7	17.8	73.9	21.4
35	-15	19.3	6.6	24.2	8.2	28.9	9.9	29.0	9.9	36.2	12.3	43.4	14.8	38.7	13.2	48.3	16.4	57.9	19.7
35	-20	14.8	5.9	18.4	7.4	22.0	8.8	22.1	8.9	27.6	11.0	33.1	13.3	29.5	11.8	36.8	14.8	44.1	17.7
35	-25	10.8	5.1	13.6	6.4	16.2	7.7	16.3	7.7	20.3	9.6	24.3	11.5	21.7	10.2	27.0	12.8	32.4	15.3
35	-30	7.7	4.3	9.5	5.3	11.4	6.3	11.4	6.3	14.2	8.0	17.1	9.6	15.2	8.5	19.0	10.6	22.8	12.7

*Please consult ACCEL for grey shaded areas



ACCEL SMC 65

CONDENSING TEMP
EVAPORATING "

CAPACITY
POWER CONSUMP.

R-22

⁰C(5)
⁰C(5)

LIQUID SUBCOOLING 5 K
SUCTION SUPERHEAT 10 K

CT
ET
QE
NE

KW
KW

CT C	RPM	ACCEL SMC 4-65						ACCEL SMC 6-65						ACCEL SMC 8-65					
		1170		1460		1750		1170		1460		1750		1170		1460		1750	
ET C		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
40	10	52.4	9.0	65.4	11.1	78.0	13.4	78.8	13.4	98.5	16.7	117.4	20.1	104.5	17.8	131.1	22.3	156.8	26.7
40	5	43.5	8.8	54.2	11.0	65.1	13.2	65.2	13.2	81.1	16.5	97.7	19.8	87.1	17.6	108.3	22.0	130.3	26.3
40	0	35.7	8.5	44.5	10.6	53.3	12.8	53.5	12.8	66.7	16.0	80.3	19.1	71.3	17.0	88.6	21.3	106.8	25.4
40	-5	28.8	8.1	35.9	10.1	43.1	12.1	43.2	12.1	53.9	15.1	64.6	18.1	57.6	16.1	71.9	20.1	86.4	24.2
40	-10	22.8	7.5	28.5	9.4	34.2	11.2	34.2	11.3	42.7	14.0	51.2	16.9	45.7	15.0	57.0	18.7	68.3	22.5
40	-15	17.7	6.8	22.0	8.5	26.4	10.2	26.5	10.2	33.1	12.8	39.7	15.3	35.4	13.7	44.2	17.0	53.0	20.4
40	-20	13.3	6.0	16.6	7.5	19.8	9.0	19.9	9.0	24.8	11.3	29.8	13.5	26.6	12.1	33.2	15.1	39.8	18.1
40	-25	9.6	5.1	12.0	6.4	14.4	7.7	14.4	7.7	18.0	9.6	21.5	11.5	19.2	10.2	23.9	12.8	28.7	15.4
40	-30	6.6	4.2	8.2	5.1	9.8	6.2	9.8	6.2	12.3	7.8	14.8	9.3	13.2	8.3	16.4	10.4	19.7	12.4
40	-35	4.2	3.1	5.3	4.0	6.4	4.7	6.4	4.7	8.0	5.9	9.5	7.1	8.6	6.3	10.6	7.9	12.7	9.5
45	10	49.4	9.7	61.7	12.2	73.9	14.6	74.1	14.6	92.4	18.2	110.6	21.8	98.5	19.5	123.5	24.3	147.7	29.1
45	5	40.8	9.5	50.9	11.8	61.1	14.2	61.2	14.2	76.5	17.7	91.7	21.2	81.8	18.9	101.5	23.6	122.0	28.3
45	0	33.3	9.0	41.5	11.3	49.8	13.5	49.9	13.6	62.3	16.9	74.7	20.3	66.6	18.1	83.3	22.5	99.2	27.0
45	-5	26.7	8.5	33.3	10.6	39.9	12.7	40.0	12.8	49.9	15.9	59.8	19.0	53.4	16.9	66.6	21.2	79.5	25.4
45	-10	21.0	7.8	26.1	9.7	31.4	11.6	31.4	11.7	39.2	14.6	47.0	17.5	42.0	15.6	52.3	19.5	62.7	23.4
45	-15	16.1	7.0	20.0	8.7	24.0	10.4	24.1	10.5	30.0	13.1	36.0	15.7	32.1	14.0	40.1	17.5	48.0	21.0
45	-20	11.9	6.1	14.8	7.6	17.7	9.1	17.8	9.1	22.2	11.4	26.6	13.7	23.7	12.2	29.6	15.2	35.5	18.2
45	-25	8.4	5.1	10.5	6.3	12.6	7.6	12.6	7.6	15.7	9.5	18.8	11.3	16.7	10.1	20.9	12.6	25.1	15.1
45	-30	5.6	4.0	7.0	5.0	8.4	6.0	8.4	6.0	10.5	7.5	12.6	9.0	11.2	8.0	14.0	9.9	16.8	11.9
50	10	46.4	10.4	57.9	13.1	69.4	15.7	69.5	15.7	87.1	19.6	103.8	23.4	92.4	20.9	115.9	26.1	138.6	31.3
50	5	38.1	10.1	47.6	12.5	57.0	15.1	57.2	15.1	71.4	18.8	85.6	22.5	76.5	20.1	95.5	25.1	114.4	30.1
50	0	30.9	9.5	38.6	11.9	46.2	14.3	46.3	14.3	57.8	17.8	69.2	21.3	61.7	19.0	77.3	23.7	92.4	28.4
50	-5	24.5	8.8	30.6	11.0	36.7	13.2	36.8	13.3	46.0	16.6	55.1	19.9	49.1	17.7	61.3	22.1	73.5	26.4
50	-10	19.1	8.1	23.8	10.0	28.6	12.0	28.6	12.1	35.8	15.1	42.8	18.1	38.2	16.0	47.7	20.1	57.1	24.0
50	-15	14.4	7.1	18.0	8.9	21.5	10.7	21.6	10.7	27.0	13.3	32.3	16.0	28.8	14.3	35.9	17.8	43.1	21.3
50	-20	10.5	6.0	13.0	7.5	15.6	9.1	15.7	9.1	19.5	11.3	23.5	13.6	20.9	12.2	26.1	15.1	31.3	18.1
50	-25	7.2	4.9	9.0	6.2	10.8	7.4	10.8	7.4	13.6	9.3	16.2	11.0	14.5	9.9	18.0	12.3	21.6	14.8
50	-30	4.8	3.8	5.9	4.8	7.1	5.7	7.1	5.7	8.9	7.1	10.7	8.5	9.5	7.6	11.8	9.5	14.2	11.4
55	10	43.3	11.1	54.0	13.9	64.8	16.6	64.9	16.7	81.1	20.8	97.0	25.0	86.4	22.2	108.3	27.8	129.5	33.3
55	5	35.4	10.6	44.2	13.2	52.9	15.8	53.0	15.9	66.2	19.9	79.5	23.8	70.8	21.2	88.6	26.5	106.1	31.7
55	0	28.4	9.9	35.5	12.4	42.6	14.9	42.7	14.9	53.3	18.6	63.8	22.3	56.9	19.9	71.0	24.8	84.8	29.7
55	-5	22.4	9.1	28.0	11.4	33.6	13.7	33.6	13.7	42.0	17.1	50.3	20.5	44.8	18.3	55.9	22.8	67.0	27.3
55	-10	17.2	8.2	21.5	10.2	25.8	12.2	25.8	12.3	32.2	15.4	38.6	18.4	34.4	16.4	43.0	20.4	51.5	24.6
55	-15	12.8	7.2	16.0	9.0	19.1	10.7	19.2	10.7	23.9	13.4	28.7	16.0	25.5	14.3	31.9	17.8	38.3	21.4
55	-20	9.1	6.0	11.4	7.5	13.6	9.0	13.6	9.0	17.0	11.2	20.4	13.4	18.2	11.9	22.7	14.9	27.2	17.9
55	-25	6.1	4.8	7.7	6.0	9.2	7.1	9.2	7.2	11.5	8.9	13.8	10.7	12.3	9.6	15.4	11.9	18.4	14.3

*Please consult ACCEL for grey shaded areas



ACCEL SMC 65 L

CONDENSING TEMP
EVAPORATING "

CAPACITY
POWER CONSUMP.

R-22

°C(5)
°C(5)

KW
KW

LIQUID SUBCOOLING 5 K
SUCTION SUPERHEAT 10 K

CT C	ET C	ACCEL SMC 4-65 L						ACCEL SMC 6-65 L						ACCEL SMC 8-65 L					
		1170		1460		1750		1170		1460		1750		1170		1460		1750	
		Q _e	N _e	Q _e	N _e	Q _e	N _e	Q _e	N _e	Q _e	N _e	Q _e	N _e	Q _e	N _e	Q _e	N _e	Q _e	N _e
20	10	84.3	6.0	105.0	7.5	126.0	9.0	126.0	9.0	158.0	11.2	189.0	13.4	169.0	12.0	210.0	15.0	252.0	17.9
20	5	70.9	7.2	88.4	9.0	106.0	10.7	106.0	10.8	133.0	13.5	159.0	16.1	142.0	14.4	177.0	17.9	212.0	21.5
20	0	59.1	7.8	73.7	9.7	88.4	11.6	88.6	11.6	111.0	14.5	133.0	17.4	118.0	15.5	147.0	19.4	177.0	23.2
20	-5	48.7	7.9	60.8	9.9	72.9	11.8	73.1	11.9	91.2	14.8	109.0	17.8	97.4	15.8	122.0	19.8	146.0	23.7
20	-10	39.7	7.8	49.5	9.7	59.4	11.7	59.5	11.7	74.3	14.6	89.1	17.5	79.4	15.6	99.1	19.4	119.0	23.3
20	-15	31.9	7.5	39.8	9.3	47.6	11.1	47.8	11.2	59.6	14.0	71.5	16.7	63.7	14.9	79.5	18.6	95.3	22.3
20	-20	25.1	7.0	31.3	8.7	37.5	10.4	37.6	10.4	47.0	13.0	56.3	15.6	50.2	13.9	62.6	17.4	75.1	20.8
20	-25	19.3	6.3	24.1	7.9	28.9	9.5	29.0	9.5	36.1	11.8	43.3	14.2	38.6	12.7	48.2	15.8	57.7	18.9
20	-30	14.4	5.6	18.0	7.0	21.5	8.3	21.6	8.4	26.9	10.4	32.3	12.5	28.8	11.2	35.9	13.9	43.1	16.7
20	-35	10.3	4.7	12.8	5.9	15.4	7.1	15.4	7.1	19.3	8.9	23.1	10.6	20.6	9.5	25.7	11.8	30.8	14.1
20	-40	7.0	3.8	8.7	4.7	10.4	5.7	10.4	5.7	13.0	7.1	15.6	8.5	13.9	7.6	17.3	9.5	20.8	11.4
20	-45	4.4	2.8	5.5	3.6	6.5	4.3	6.6	4.3	8.2	5.3	9.8	6.4	8.8	5.7	10.9	7.1	13.1	8.5
25	10	80.6	7.9	101.0	9.9	121.0	11.8	121.0	11.8	151.0	14.8	181.0	17.7	161.0	15.8	201.0	19.7	241.0	23.6
25	5	67.6	8.6	84.4	10.7	101.0	12.8	101.0	12.9	127.0	16.1	152.0	19.3	135.0	17.2	169.0	21.4	202.0	25.7
25	0	56.2	8.8	70.1	11.0	84.0	13.2	84.2	13.3	105.0	16.5	126.0	19.8	112.0	17.7	140.0	22.0	168.0	26.4
25	-5	46.1	8.8	57.6	10.9	69.0	13.1	69.2	13.1	86.3	16.4	103.0	19.7	92.3	17.5	115.0	21.9	138.0	26.2
25	-10	37.4	8.5	46.6	10.6	55.9	12.7	56.1	12.7	70.0	15.8	83.9	19.0	74.8	16.9	93.3	21.1	112.0	25.3
25	-15	29.8	8.0	37.2	9.9	44.6	11.9	44.7	12.0	55.8	14.9	66.8	17.9	59.6	15.9	74.3	19.9	89.1	23.9
25	-20	23.2	7.3	29.0	9.2	34.8	11.0	34.9	11.0	43.5	13.7	52.2	16.5	46.5	14.7	58.0	18.3	69.5	22.0
25	-25	17.7	6.6	22.0	8.2	26.4	9.8	26.5	9.9	33.0	12.3	39.6	14.8	35.3	13.2	44.1	16.4	52.8	19.7
25	-30	12.9	5.7	16.1	7.1	19.4	8.5	19.4	8.6	24.2	10.7	29.0	12.8	25.9	11.4	32.3	14.2	38.7	17.1
25	-35	9.0	4.7	11.3	5.9	13.5	7.1	13.6	7.1	16.9	8.8	20.3	10.6	18.1	9.4	22.5	11.8	27.0	14.1
25	-40	5.9	3.7	7.4	4.6	8.9	5.5	8.9	5.5	11.1	6.9	13.3	8.2	11.8	7.3	14.8	9.2	17.7	11.0
25	-45	3.7	2.7	4.6	3.3	5.5	4.0	5.5	4.0	6.8	5.0	8.2	6.0	7.3	5.4	9.1	6.7	10.9	8.0
30	10	76.9	9.5	95.9	11.8	115.0	14.1	115.0	14.2	144.0	17.7	173.0	21.2	154.0	18.9	192.0	23.6	230.0	28.3
30	5	64.3	9.8	80.2	12.2	96.1	14.6	96.4	14.7	120.0	18.3	144.0	22.0	129.0	19.6	160.0	24.4	192.0	29.3
30	0	53.2	9.8	66.4	12.2	79.6	14.6	79.8	14.7	99.6	18.3	119.0	21.9	106.0	19.6	133.0	24.4	159.0	29.3
30	-5	43.5	9.5	54.3	11.9	65.0	14.2	65.2	14.3	81.4	17.8	97.5	21.4	87.0	19.0	109.0	23.8	130.0	28.5
30	-10	35.0	9.1	43.7	11.3	52.4	13.5	52.5	13.6	65.5	17.0	78.5	20.3	70.0	18.1	87.4	22.6	105.0	27.1
30	-15	27.7	8.4	34.5	10.5	41.4	12.6	41.5	12.6	51.8	15.8	62.1	18.9	55.3	16.9	69.1	21.0	82.8	25.2
30	-20	21.4	7.7	26.7	9.6	32.0	11.5	32.0	11.5	40.0	14.3	47.9	17.2	42.7	15.3	53.3	19.1	63.9	22.9
30	-25	16.0	6.8	20.0	8.4	23.9	10.1	24.0	10.1	29.9	12.7	35.9	15.2	32.0	13.5	39.9	16.9	47.8	20.2
30	-30	11.5	5.7	14.3	7.2	17.2	8.6	17.2	8.6	21.5	10.8	25.8	12.9	23.0	11.5	28.7	14.3	34.4	17.2
30	-35	7.8	4.6	9.7	5.8	11.7	6.9	11.7	6.9	14.6	8.7	17.5	10.4	15.6	9.2	19.5	11.5	23.4	13.8
30	-40	5.0	3.5	6.2	4.4	7.5	5.2	7.5	5.2	9.3	6.5	11.2	7.8	10.0	7.0	12.4	8.7	14.9	10.4
35	10	73.1	10.8	91.2	13.5	109.0	16.1	110.0	16.2	137.0	20.2	164.0	24.2	146.0	21.6	182.0	26.9	219.0	32.3
35	5	60.9	10.9	76.0	13.5	91.1	16.2	91.3	16.3	114.0	20.3	137.0	24.3	122.0	21.7	152.0	27.1	182.0	32.5
35	0	50.2	10.6	62.6	13.3	75.0	15.9	75.2	15.9	93.9	19.9	113.0	23.9	100.0	21.3	125.0	26.5	150.0	31.8
35	-5	40.8	10.2	50.9	12.7	61.0	15.3	61.2	15.3	76.3	19.1	91.5	22.9	81.5	20.4	102.0	25.5	122.0	30.5
35	-10	32.6	9.6	40.7	12.0	48.8	14.3	48.9	14.4	61.0	18.0	73.1	21.5	65.2	19.2	81.4	23.9	97.5	28.7
35	-15	25.5	8.8	31.9	11.0	38.2	13.2	38.3	13.2	47.8	16.5	57.3	19.8	51.1	17.7	63.7	22.0	76.4	26.4
35	-20	19.5	7.9	24.3	9.9	29.1	11.8	29.2	11.9	36.4	14.8	43.7	17.8	38.9	15.8	48.6	19.8	58.2	23.7
35	-25	14.3	6.9	17.9	8.6	21.4	10.3	21.5	10.3	26.8	12.8	32.1	15.4	28.6	13.7	35.7	17.1	42.8	20.5
35	-30	10.1	5.7	12.6	7.1	15.0	8.5	15.1	8.5	18.8	10.7	22.6	12.8	20.1	11.4	25.1	14.2	30.1	17.0

*Please consult ACCEL for grey shaded areas



ACCEL SMC 65 L

CONDENSING TEMP
EVAPORATING "

CAPACITY
POWER CONSUMP.

R-22

°C(5)
°C(5)

LIQUID SUBCOOLING 5 K
SUCTION SUPERHEAT 10 K

CT
ET
QE
NE

KW
KW

CT C	RPM	ACCEL SMC 4-65 L						ACCEL SMC 6-65 L						ACCEL SMC 8-65 L					
		1170		1460		1750		1170		1460		1750		1170		1460		1750	
ET C		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
40	10	69.2	12.0	86.3	14.9	103.0	17.9	104.0	18.0	130.0	22.4	155.0	26.9	138.0	23.9	173.0	29.9	207.0	35.8
40	5	57.4	11.8	71.6	14.7	85.9	17.7	86.1	17.7	107.0	22.1	129.0	26.5	115.0	23.6	143.0	29.5	172.0	35.3
40	0	47.1	11.4	58.7	14.2	70.4	17.1	70.6	17.1	88.1	21.4	106.0	25.6	94.1	22.8	117.0	28.5	141.0	34.1
40	-5	38.0	10.8	47.4	13.5	56.9	16.2	57.0	16.2	71.2	20.2	85.3	24.3	76.0	21.6	94.9	27.0	114.0	32.4
40	-10	30.1	10.1	37.6	12.6	45.1	15.0	45.2	15.1	56.4	18.8	67.6	22.6	60.3	20.1	75.2	25.1	90.2	30.1
40	-15	23.4	9.1	29.1	11.4	34.9	13.7	35.0	13.7	43.7	17.1	52.4	20.5	46.7	18.3	58.3	22.8	69.9	27.4
40	-20	17.5	8.1	21.9	10.1	26.2	12.1	26.3	12.1	32.8	15.1	39.4	18.1	35.1	16.2	43.8	20.2	52.5	24.2
40	-25	12.7	6.9	15.8	8.6	19.0	10.3	19.0	10.3	23.7	12.9	28.4	15.4	25.3	13.7	31.6	17.2	37.9	20.6
40	-30	8.7	5.6	10.8	6.9	13.0	8.3	13.0	8.3	16.3	10.4	19.5	12.5	17.4	11.1	21.7	13.9	26.0	16.6
40	-35	5.6	4.2	7.0	5.3	8.4	6.3	8.4	6.3	10.5	7.9	12.6	9.5	11.3	8.5	14.0	10.6	16.8	12.7
45	10	65.2	13.0	81.4	16.3	97.6	19.5	97.8	19.6	122.0	24.4	146.0	29.2	130.0	26.1	163.0	32.5	195.0	39.0
45	5	53.9	12.7	67.2	15.8	80.6	19.0	80.8	19.0	101.0	23.7	121.0	28.4	108.0	25.3	134.0	31.6	161.0	37.9
45	0	43.9	12.1	54.8	15.1	65.7	18.1	65.9	18.2	82.2	22.7	98.6	27.2	87.9	24.2	110.0	30.2	131.0	36.2
45	-5	35.2	11.4	44.0	14.2	52.7	17.0	52.8	17.1	65.9	21.3	79.0	25.5	70.5	22.7	87.9	28.4	105.0	34.0
45	-10	27.7	10.5	34.5	13.0	41.4	15.6	41.5	15.7	51.8	19.6	62.1	23.5	55.4	20.9	69.1	26.1	82.8	31.3
45	-15	21.2	9.4	26.4	11.7	31.7	14.0	31.8	14.1	39.6	17.6	47.5	21.1	42.4	18.8	52.9	23.4	63.3	28.1
45	-20	15.7	8.2	19.5	10.2	23.4	12.2	23.5	12.2	29.3	15.3	35.1	18.3	31.3	16.3	39.1	20.4	46.8	24.4
45	-25	11.1	6.8	13.8	8.5	16.6	10.2	16.6	10.2	20.7	12.7	24.8	15.2	22.1	13.6	27.6	16.9	33.1	20.3
45	-30	7.4	5.3	9.2	6.7	11.1	8.0	11.1	8.0	13.9	10.0	16.6	12.0	14.8	10.7	18.5	13.3	22.2	16.0
50	10	61.2	14.0	76.4	17.5	91.6	21.0	91.8	21.0	115.0	26.2	137.0	31.4	122.0	28.0	153.0	35.0	183.0	41.9
50	5	50.3	13.5	62.8	16.8	75.3	20.2	75.5	20.2	94.2	25.2	113.0	30.2	101.0	26.9	126.0	33.6	151.0	40.3
50	0	40.8	12.7	50.9	15.9	61.0	19.1	61.1	19.1	76.3	23.9	91.4	28.6	81.5	25.5	102.0	31.8	122.0	38.1
50	-5	32.4	11.8	40.4	14.8	48.5	17.7	48.6	17.8	60.7	22.2	72.7	26.6	64.8	23.7	80.9	29.6	97.0	35.4
50	-10	25.2	10.8	31.4	13.4	37.7	16.1	37.8	16.2	47.2	20.2	56.5	24.2	50.4	21.5	62.9	26.9	75.4	32.2
50	-15	19.0	9.5	23.7	11.9	28.4	14.3	28.5	14.3	35.6	17.8	42.6	21.4	38.0	19.1	47.4	23.8	56.9	28.5
50	-20	13.8	8.1	17.2	10.1	20.6	12.2	20.7	12.2	25.8	15.2	31.0	18.2	27.6	16.3	34.4	20.3	41.3	24.3
50	-25	9.5	6.6	11.9	8.3	14.3	9.9	14.3	9.9	17.9	12.4	21.4	14.8	19.1	13.2	23.8	16.5	28.5	19.8
50	-30	6.3	5.1	7.8	6.4	9.4	7.6	9.4	7.6	11.7	9.5	14.1	11.4	12.5	10.2	15.6	12.7	18.7	15.3
55	10	57.1	14.9	71.3	18.6	85.5	22.3	85.7	22.4	107.0	27.9	128.0	33.5	114.0	29.8	143.0	37.2	171.0	44.6
55	5	46.7	14.2	58.3	17.7	69.8	21.2	70.0	21.3	87.4	26.6	105.0	31.9	93.4	28.4	117.0	35.5	140.0	42.5
55	0	37.5	13.3	46.9	16.6	56.2	19.9	56.3	20.0	70.3	24.9	84.2	29.9	75.1	26.6	93.7	33.2	112.0	39.8
55	-5	29.6	12.2	36.9	15.3	44.3	18.3	44.4	18.4	55.4	22.9	66.4	27.5	59.2	24.5	73.8	30.5	88.5	36.6
55	-10	22.7	11.0	28.4	13.7	34.0	16.4	34.1	16.5	42.5	20.6	51.0	24.7	45.4	22.0	56.7	27.4	68.0	32.9
55	-15	16.9	9.6	21.1	12.0	25.2	14.3	25.3	14.4	31.6	17.9	37.9	21.5	33.7	19.2	42.1	23.9	50.5	28.7
55	-20	12.0	8.0	15.0	10.0	18.0	12.0	18.0	12.0	22.5	15.0	26.9	18.0	24.0	16.0	30.0	20.0	35.9	24.0
55	-25	8.1	6.4	10.1	8.0	12.2	9.5	12.2	9.6	15.2	11.9	18.2	14.3	16.3	12.8	20.3	15.9	24.3	19.1

*Please consult ACCEL for grey shaded areas



ACCEL SMC 100

R-22

CONDENSING TEMP

CT

°C(5)

EVAPORATING "

ET

°C(5)

LIQUID SUBCOOLING 5 K

CAPACITY

Q_E

KW

SUCTION SUPERHEAT 10 K

POWER CONSUMP.

N_E

KW

CT C	ET C	ACCEL SMC 4-100						ACCEL SMC 6-100						ACCEL SMC 8-100					
		970		1170		1460		970		1170		1460		970		1170		1460	
		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
20	10	211.0	13.0	254.0	17.0	318.0	25.0	316.0	19.5	382.0	25.5	476.0	37.5	422.0	26.0	509.0	34.0	635.0	50.0
20	5	177.0	15.4	214.0	19.8	267.0	28.3	266.0	23.1	321.0	29.7	400.0	42.4	354.0	30.7	428.0	39.6	534.0	56.5
20	0	148.0	16.5	178.0	21.1	222.0	29.5	221.0	24.8	267.0	31.6	333.0	44.2	295.0	33.0	356.0	42.2	444.0	58.9
20	-5	121.0	16.9	146.0	21.4	183.0	29.5	182.0	25.4	220.0	32.1	274.0	44.2	243.0	33.8	293.0	42.8	366.0	58.9
20	-10	98.7	16.8	119.0	21.1	149.0	28.7	148.0	25.1	179.0	31.6	223.0	43.0	197.0	33.5	238.0	42.2	297.0	57.4
20	-15	79.2	16.2	95.5	20.3	119.0	27.3	119.0	24.3	143.0	30.5	179.0	41.0	158.0	32.4	191.0	40.6	238.0	54.7
20	-20	62.4	15.4	75.3	19.2	93.9	25.6	93.6	23.1	113.0	28.8	141.0	38.4	125.0	30.7	151.0	38.4	188.0	51.2
20	-25	48.2	14.3	58.2	17.7	72.6	23.5	72.3	21.4	87.2	26.6	109.0	35.2	96.4	28.6	116.0	35.5	145.0	47.0
20	-30	36.3	13.0	43.8	16.1	54.7	21.1	54.5	19.5	65.8	24.1	82.1	31.7	72.7	25.9	87.7	32.1	109.0	42.2
20	-35	26.5	11.5	32.0	14.1	39.9	18.4	39.8	17.2	48.0	21.2	59.9	27.7	53.1	22.9	64.0	28.3	79.9	36.9
20	-40	18.5	9.8	22.4	12.0	27.9	15.5	27.8	14.7	33.5	18.0	41.8	23.3	37.1	19.5	44.7	24.0	55.8	31.1
25	10	202.0	16.4	243.0	21.0	304.0	29.8	303.0	24.6	365.0	31.5	456.0	44.7	404.0	32.8	487.0	42.0	607.0	59.5
25	5	169.0	17.9	204.0	22.8	254.0	31.7	254.0	26.9	306.0	34.2	382.0	47.5	338.0	35.8	408.0	45.6	509.0	63.4
25	0	140.0	18.6	169.0	23.5	211.0	32.2	210.0	27.9	254.0	35.2	316.0	48.3	280.0	37.1	338.0	47.0	422.0	64.4
25	-5	115.0	18.6	139.0	23.4	173.0	31.7	172.0	27.9	208.0	35.1	260.0	47.6	230.0	37.2	277.0	46.8	346.0	63.5
25	-10	93.1	18.2	112.0	22.8	140.0	30.6	140.0	27.3	168.0	34.2	210.0	45.9	186.0	36.4	225.0	45.5	280.0	61.1
25	-15	74.2	17.4	89.5	21.7	112.0	28.9	111.0	26.1	134.0	32.5	168.0	43.3	148.0	34.8	179.0	43.4	223.0	57.8
25	-20	58.2	16.3	70.1	20.3	87.5	26.8	87.2	24.5	105.0	30.4	131.0	40.1	116.0	32.6	140.0	40.5	175.0	53.5
25	-25	44.6	15.0	53.8	18.5	67.1	24.3	66.9	22.5	80.7	27.8	101.0	36.4	89.2	30.0	108.0	37.1	134.0	48.6
25	-30	33.3	13.4	40.1	16.5	50.1	21.5	49.9	20.1	60.2	24.8	75.1	32.3	66.5	26.8	80.2	33.1	100.0	43.0
25	-35	23.9	11.6	28.9	14.3	36.0	18.4	35.9	17.5	43.3	21.4	54.0	27.7	47.9	23.3	57.7	28.6	72.1	36.9
25	-40	16.4	9.6	19.7	11.8	24.6	15.1	24.5	14.5	29.6	17.7	36.9	22.6	32.7	19.3	39.5	23.6	49.2	30.2
30	10	192.0	19.4	232.0	24.7	290.0	34.2	289.0	29.2	348.0	37.0	434.0	51.3	385.0	38.9	464.0	49.4	579.0	68.4
30	5	161.0	20.4	194.0	25.7	242.0	35.2	241.0	30.6	291.0	38.6	363.0	52.8	321.0	40.8	388.0	51.5	484.0	70.4
30	0	133.0	20.6	160.0	25.9	200.0	35.0	199.0	31.0	240.0	38.9	300.0	52.6	266.0	41.3	320.0	51.8	400.0	70.1
30	-5	108.0	20.3	131.0	25.4	163.0	34.1	163.0	30.5	196.0	38.2	245.0	51.1	217.0	40.7	262.0	50.9	327.0	68.1
30	-10	87.4	19.6	105.0	24.4	132.0	32.5	131.0	29.4	158.0	36.7	197.0	48.7	175.0	39.3	211.0	48.9	263.0	64.9
30	-15	69.3	18.6	83.6	23.0	104.0	30.3	104.0	27.8	125.0	34.5	157.0	45.5	139.0	37.1	167.0	46.0	209.0	60.7
30	-20	54.0	17.2	65.1	21.2	81.2	27.8	80.9	25.8	97.6	31.9	122.0	41.7	108.0	34.4	130.0	42.5	162.0	55.6
30	-25	41.0	15.6	49.5	19.2	61.7	24.9	61.5	23.4	74.2	28.8	92.6	37.3	82.0	31.2	99.0	38.3	123.0	49.8
30	-30	30.3	13.7	36.5	16.8	45.6	21.7	45.4	20.6	54.8	25.2	68.3	32.5	60.5	27.4	73.0	33.6	91.1	43.4
30	-35	21.4	11.6	25.8	14.2	32.3	18.2	32.1	17.5	38.8	21.3	48.4	27.3	42.9	23.3	51.7	28.4	64.5	36.3
35	10	183.0	22.4	221.0	28.2	275.0	38.5	274.0	33.6	331.0	42.3	413.0	57.7	366.0	44.7	441.0	56.4	550.0	76.9
35	5	152.0	22.8	184.0	28.6	229.0	38.6	228.0	34.2	275.0	43.0	344.0	58.0	304.0	45.6	367.0	57.3	458.0	77.3
35	0	125.0	22.7	151.0	28.3	189.0	37.9	188.0	34.0	227.0	42.5	283.0	56.8	251.0	45.3	302.0	56.6	377.0	75.7
35	-5	102.0	22.0	123.0	27.4	154.0	36.3	153.0	33.1	185.0	41.1	230.0	54.5	204.0	44.1	246.0	54.8	307.0	72.7
35	-10	81.8	21.0	98.7	26.0	123.0	34.2	123.0	31.5	148.0	39.0	185.0	51.4	164.0	42.0	197.0	52.0	246.0	68.5
35	-15	64.5	19.6	77.8	24.2	97.1	31.6	96.8	29.4	117.0	36.3	146.0	47.5	129.0	39.2	156.0	48.4	194.0	63.3
35	-20	49.9	18.0	60.1	22.1	75.0	28.6	74.8	26.9	90.2	33.1	113.0	42.9	99.7	35.9	120.0	44.2	150.0	57.2
35	-25	37.6	16.0	45.3	19.6	56.5	25.3	56.3	24.0	67.9	29.4	84.8	37.9	75.1	32.1	90.6	39.3	113.0	50.5
35	-30	27.4	13.9	33.0	16.9	41.2	21.6	41.0	20.8	49.5	25.4	61.8	32.4	54.7	27.7	66.0	33.8	82.4	43.2

*Please consult ACCEL for grey shaded areas



ACCEL SMC 100

R-22

CONDENSING TEMP

CT

°C(5)

EVAPORATING "

ET

°C(5)

LIQUID SUBCOOLING 5 K

CAPACITY

QE

KW

SUCTION SUPERHEAT 10 K

POWER CONSUMP.

NE

KW

CT C	ET C	ACCEL SMC 4-100						ACCEL SMC 6-100						ACCEL SMC 8-100					
		970		1170		1460		970		1170		1460		970		1170		1460	
		QE	NE	QE	NE	QE	NE	QE	NE	QE	NE	QE	NE	QE	NE	QE	NE	QE	NE
40	10	173.0	25.2	209.0	31.6	261.0	42.5	260.0	37.8	313.0	47.4	391.0	63.8	346.0	50.4	418.0	63.2	521.0	85.1
40	5	144.0	25.2	173.0	31.4	216.0	42.0	216.0	37.8	260.0	47.2	324.0	62.9	287.0	50.4	347.0	62.9	433.0	83.9
40	0	118.0	24.6	142.0	30.6	177.0	40.6	177.0	37.0	213.0	45.9	266.0	60.8	236.0	49.3	284.0	61.3	355.0	81.1
40	-5	95.5	23.6	115.0	29.3	144.0	38.5	143.0	35.5	173.0	43.9	216.0	57.7	191.0	47.3	230.0	58.5	288.0	76.9
40	-10	76.2	22.3	91.9	27.5	115.0	35.8	114.0	33.4	138.0	41.2	172.0	53.7	152.0	44.5	184.0	54.9	229.0	71.6
40	-15	59.8	20.6	72.1	25.3	89.9	32.7	89.6	30.8	108.0	37.9	135.0	49.1	120.0	41.1	144.0	50.5	180.0	65.4
40	-20	45.8	18.6	55.3	22.7	69.0	29.2	68.7	27.9	82.9	34.1	103.0	43.8	91.6	37.1	111.0	45.5	138.0	58.4
40	-25	34.2	16.3	41.2	19.9	51.4	25.4	51.3	24.5	61.8	29.9	77.2	38.1	68.3	32.7	82.4	39.8	103.0	50.8
40	-30	24.6	13.9	29.6	16.8	37.0	21.3	36.8	20.8	44.4	25.2	55.4	31.9	49.1	27.7	59.2	33.6	73.9	42.5
45	10	164.0	27.9	197.0	34.8	246.0	46.4	245.0	41.8	296.0	52.2	369.0	69.5	327.0	55.8	394.0	69.5	492.0	92.7
45	5	135.0	27.4	163.0	34.1	203.0	45.1	203.0	41.1	245.0	51.1	305.0	67.6	270.0	54.9	326.0	68.2	407.0	90.1
45	0	110.0	26.5	133.0	32.8	166.0	43.0	166.0	39.7	200.0	49.2	249.0	64.6	221.0	53.0	267.0	65.6	333.0	86.1
45	-5	89.1	25.1	107.0	31.0	134.0	40.4	134.0	37.7	161.0	46.5	201.0	60.6	178.0	50.3	215.0	62.0	268.0	80.7
45	-10	70.7	23.4	85.3	28.7	106.0	37.2	106.0	35.1	128.0	43.1	160.0	55.8	141.0	46.8	171.0	57.5	213.0	74.4
45	-15	55.1	21.4	66.4	26.1	82.9	33.6	82.6	32.0	99.6	39.2	124.0	50.3	110.0	42.7	133.0	52.3	166.0	67.1
45	-20	41.9	19.0	50.5	23.2	63.0	29.6	62.8	28.6	75.8	34.8	94.5	44.4	83.8	38.1	101.0	46.4	126.0	59.1
45	-25	30.9	16.5	37.3	20.0	46.5	25.3	46.3	24.7	55.9	30.0	69.7	37.9	61.8	33.0	74.5	40.0	93.0	50.6
50	10	154.0	30.4	185.0	37.8	231.0	49.9	231.0	45.7	278.0	56.7	347.0	74.9	307.0	60.9	371.0	75.6	463.0	99.9
50	5	127.0	29.6	153.0	36.6	191.0	47.9	190.0	44.3	229.0	54.9	286.0	71.9	253.0	59.1	305.0	73.1	381.0	95.9
50	0	103.0	28.2	124.0	34.8	155.0	45.3	155.0	42.3	186.0	52.2	233.0	67.9	206.0	56.5	249.0	69.6	310.0	90.5
50	-5	82.7	26.5	99.7	32.5	124.0	42.0	124.0	39.7	150.0	48.8	187.0	63.1	165.0	53.0	199.0	65.1	249.0	84.1
50	-10	65.2	24.4	78.7	29.9	98.2	38.3	97.9	36.6	118.0	44.8	147.0	57.5	130.0	48.9	157.0	59.8	196.0	76.7
50	-15	50.4	22.0	60.8	26.9	75.9	34.2	75.7	33.1	91.3	40.3	114.0	51.3	101.0	44.1	122.0	53.7	152.0	68.4
50	-20	38.0	19.4	45.8	23.5	57.2	29.7	57.0	29.1	68.8	35.3	85.8	44.6	76.0	38.8	91.7	47.1	114.0	59.5
50	-25	27.7	16.5	33.4	19.9	41.7	25.0	41.5	24.8	50.1	29.9	62.5	37.5	55.4	33.0	66.8	39.9	83.3	50.0
55	10	144.0	32.9	173.0	40.6	216.0	53.2	216.0	49.3	260.0	61.0	325.0	79.9	288.0	65.7	347.0	81.3	433.0	106.0
55	5	118.0	31.6	142.0	38.9	178.0	50.6	177.0	47.4	213.0	58.3	266.0	75.9	236.0	63.2	285.0	77.8	355.0	101.0
55	0	95.6	29.9	115.0	36.6	144.0	47.3	143.0	44.8	173.0	55.0	216.0	71.0	191.0	59.7	231.0	73.3	288.0	94.6
55	-5	76.3	27.8	92.0	33.9	115.0	43.5	114.0	41.6	138.0	50.9	172.0	65.3	153.0	55.5	184.0	67.9	230.0	87.0
55	-10	59.8	25.3	72.1	30.9	90.0	39.3	89.7	38.0	108.0	46.3	135.0	58.9	120.0	50.7	144.0	61.7	180.0	78.5
55	-15	45.9	22.6	55.3	27.4	69.0	34.7	68.8	33.9	83.0	41.2	104.0	52.0	91.7	45.3	111.0	54.9	138.0	69.3
55	-20	34.2	19.7	41.2	23.7	51.5	29.7	51.3	29.5	61.9	35.6	77.2	44.6	68.4	39.3	82.5	47.5	103.0	59.5

*Please consult ACCEL for grey shaded areas



ACCEL SMC 100

CONDENSING TEMP

EVAPORATING "

CAPACITY

POWER CONSUMP.

R-22

°C(5)

°C(5)

Q_E KW

N_E KW

LIQUID SUBCOOLING 5 K

SUCTION SUPERHEAT 10 K

CT C	ET C	ACCEL SMC 8-100						ACCEL SMC 12-100						ACCEL SMC 16-100					
		970		1170		1460		970		1170		1460		970		1170		1460	
		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
20	10	422.0	26.0	509.0	34.0	635.0	50.0	633.0	39.1	763.0	51.0	953.0	75.0	844.0	52.1	1018.0	68.0	1270.0	100.0
20	5	354.0	30.7	428.0	39.6	534.0	56.5	532.0	46.1	641.0	59.4	800.0	84.8	709.0	61.5	855.0	79.2	1067.0	113.0
20	0	295.0	33.0	356.0	42.2	444.0	58.9	443.0	49.6	534.0	63.2	666.0	88.4	590.0	66.1	712.0	84.3	888.0	118.0
20	-5	243.0	33.8	293.0	42.8	366.0	58.9	364.0	50.7	439.0	64.2	548.0	88.4	486.0	67.6	586.0	85.6	731.0	118.0
20	-10	197.0	33.5	238.0	42.2	297.0	57.4	296.0	50.3	357.0	63.3	446.0	86.0	395.0	67.0	476.0	84.4	594.0	115.0
20	-15	158.0	32.4	191.0	40.6	238.0	54.7	237.0	48.6	286.0	60.9	357.0	82.0	317.0	64.8	382.0	81.2	477.0	109.0
20	-20	125.0	30.7	151.0	38.4	188.0	51.2	187.0	46.1	226.0	57.5	282.0	76.8	250.0	61.5	301.0	76.7	376.0	102.0
20	-25	96.4	28.6	116.0	35.5	145.0	47.0	145.0	42.8	174.0	53.2	218.0	70.5	193.0	57.1	233.0	71.0	290.0	94.0
20	-30	72.7	25.9	87.7	32.1	109.0	42.2	109.0	38.9	132.0	48.2	164.0	63.3	145.0	51.9	175.0	64.2	219.0	84.4
20	-35	53.1	22.9	64.0	28.3	79.9	36.9	79.6	34.4	96.0	42.4	120.0	55.3	106.0	45.9	128.0	56.6	160.0	73.8
20	-40	37.1	19.5	44.7	24.0	55.8	31.1	55.6	29.3	67.1	36.0	83.7	46.6	74.1	39.1	89.4	48.0	112.0	62.1
25	10	404.0	32.8	487.0	42.0	607.0	59.5	605.0	49.1	730.0	63.1	911.0	89.3	807.0	65.5	973.0	84.1	1215.0	119.0
25	5	338.0	35.8	408.0	45.6	509.0	63.4	507.0	53.7	612.0	68.4	763.0	95.1	676.0	71.6	815.0	91.2	1018.0	127.0
25	0	280.0	37.1	338.0	47.0	422.0	64.4	421.0	55.7	507.0	70.4	633.0	96.6	561.0	74.3	676.0	93.9	844.0	129.0
25	-5	230.0	37.2	277.0	46.8	346.0	63.5	345.0	55.8	416.0	70.2	519.0	95.2	460.0	74.5	555.0	93.6	692.0	127.0
25	-10	186.0	36.4	225.0	45.5	280.0	61.1	279.0	54.6	337.0	68.3	420.0	91.7	372.0	72.8	449.0	91.1	560.0	122.0
25	-15	148.0	34.8	179.0	43.4	223.0	57.8	223.0	52.2	269.0	65.1	335.0	86.6	297.0	69.6	358.0	86.8	447.0	116.0
25	-20	116.0	32.6	140.0	40.5	175.0	53.5	174.0	49.0	210.0	60.8	263.0	80.3	233.0	65.3	281.0	81.1	350.0	107.0
25	-25	89.2	30.0	108.0	37.1	134.0	48.6	134.0	45.0	161.0	55.6	201.0	72.9	178.0	60.0	215.0	74.1	268.0	97.2
25	-30	66.5	26.8	80.2	33.1	100.0	43.0	99.8	40.3	120.0	49.6	150.0	64.5	133.0	53.7	160.0	66.1	200.0	86.1
25	-35	47.9	23.3	57.7	28.6	72.1	36.9	71.8	34.9	86.6	42.8	108.0	55.3	95.7	46.6	115.0	57.1	144.0	73.8
25	-40	32.7	19.3	39.5	23.6	49.2	30.2	49.1	28.9	59.2	35.4	73.9	45.3	65.4	38.6	78.9	47.1	98.5	60.4
30	10	385.0	38.9	464.0	49.4	579.0	68.4	577.0	58.3	696.0	74.1	869.0	103.0	770.0	77.8	928.0	98.8	1158.0	137.0
30	5	321.0	40.8	388.0	51.5	484.0	70.4	482.0	61.2	581.0	77.2	725.0	106.0	643.0	81.6	775.0	103.0	967.0	141.0
30	0	266.0	41.3	320.0	51.8	400.0	70.1	398.0	61.9	480.0	77.8	600.0	105.0	531.0	82.5	641.0	104.0	799.0	140.0
30	-5	217.0	40.7	262.0	50.9	327.0	68.1	325.0	61.0	393.0	76.3	490.0	102.0	434.0	81.4	523.0	102.0	653.0	136.0
30	-10	175.0	39.3	211.0	48.9	263.0	64.9	262.0	58.9	316.0	73.3	395.0	97.4	350.0	78.5	422.0	97.8	526.0	130.0
30	-15	139.0	37.1	167.0	46.0	209.0	60.7	208.0	55.7	251.0	69.1	313.0	91.0	277.0	74.2	335.0	92.1	417.0	121.0
30	-20	108.0	34.4	130.0	42.5	162.0	55.6	162.0	51.6	195.0	63.7	244.0	83.4	216.0	68.8	260.0	85.0	325.0	111.0
30	-25	82.0	31.2	99.0	38.3	123.0	49.8	123.0	46.7	148.0	57.5	185.0	74.7	164.0	62.3	198.0	76.7	247.0	99.6
30	-30	60.5	27.4	73.0	33.6	91.1	43.4	90.8	41.2	110.0	50.5	137.0	65.0	121.0	54.9	146.0	67.3	182.0	86.7
30	-35	42.9	23.3	51.7	28.4	64.5	36.3	64.3	34.9	77.5	42.6	96.8	54.5	85.7	46.6	103.0	56.8	129.0	72.7
35	10	366.0	44.7	441.0	56.4	550.0	76.9	549.0	67.1	662.0	84.6	826.0	115.0	731.0	89.5	882.0	113.0	1101.0	154.0
35	5	304.0	45.6	367.0	57.3	458.0	77.3	457.0	68.5	551.0	85.9	687.0	116.0	609.0	91.3	734.0	115.0	916.0	155.0
35	0	251.0	45.3	302.0	56.6	377.0	75.7	376.0	68.0	454.0	85.0	566.0	114.0	501.0	90.7	605.0	113.0	755.0	151.0
35	-5	204.0	44.1	246.0	54.8	307.0	72.7	306.0	66.1	369.0	82.2	461.0	109.0	408.0	88.1	492.0	110.0	614.0	145.0
35	-10	164.0	42.0	197.0	52.0	246.0	68.5	245.0	63.0	296.0	78.1	369.0	103.0	327.0	84.0	395.0	104.0	492.0	137.0
35	-15	129.0	39.2	156.0	48.4	194.0	63.3	194.0	58.9	233.0	72.7	291.0	94.9	258.0	78.5	311.0	96.9	388.0	127.0
35	-20	99.7	35.9	120.0	44.2	150.0	57.2	150.0	53.9	180.0	66.2	225.0	85.9	199.0	71.8	241.0	88.3	300.0	114.0
35	-25	75.1	32.1	90.6	39.3	113.0	50.5	113.0	48.1	136.0	58.9	170.0	75.8	150.0	64.1	181.0	78.5	226.0	101.0
35	-30	54.7	27.7	66.0	33.8	82.4	43.2	82.1	41.6	99.0	50.7	124.0	64.8	109.0	55.5	132.0	67.6	165.0	86.3

*Please consult ACCEL for grey shaded areas



ACCEL SMC 100

R-22

CONDENSING TEMP CT °C(5)
 EVAPORATING " ET °C(5)

LIQUID SUBCOOLING 5 K
 SUCTION SUPERHEAT 10 K

CAPACITY QE KW
 POWER CONSUMP. NE KW

CT C	ET C	ACCEL SMC 8-100						ACCEL SMC 12-100						ACCEL SMC 16-100					
		970		1170		1460		970		1170		1460		970		1170		1460	
		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
40	10	346.0	50.4	418.0	63.2	521.0	85.1	520.0	75.6	627.0	94.7	782.0	128.0	693.0	101.0	836.0	126.0	1043.0	170.0
40	5	287.0	50.4	347.0	62.9	433.0	83.9	431.0	75.6	520.0	94.3	649.0	126.0	575.0	101.0	693.0	126.0	865.0	168.0
40	0	236.0	49.3	284.0	61.3	355.0	81.1	354.0	73.9	427.0	91.9	532.0	122.0	472.0	98.5	569.0	123.0	710.0	162.0
40	-5	191.0	47.3	230.0	58.5	288.0	76.9	287.0	70.9	346.0	87.8	431.0	115.0	382.0	94.5	461.0	117.0	575.0	154.0
40	-10	152.0	44.5	184.0	54.9	229.0	71.6	229.0	66.8	276.0	82.4	344.0	107.0	305.0	89.0	368.0	110.0	459.0	143.0
40	-15	120.0	41.1	144.0	50.5	180.0	65.4	179.0	61.7	216.0	75.8	270.0	98.1	239.0	82.2	288.0	101.0	360.0	131.0
40	-20	91.6	37.1	111.0	45.5	138.0	58.4	137.0	55.7	166.0	68.2	207.0	87.6	183.0	74.3	221.0	90.9	276.0	117.0
40	-25	68.3	32.7	82.4	39.8	103.0	50.8	103.0	49.0	124.0	59.7	154.0	76.1	137.0	65.3	165.0	79.6	206.0	102.0
40	-30	49.1	27.7	59.2	33.6	73.9	42.5	73.7	41.6	88.8	50.4	111.0	63.8	98.2	55.4	118.0	67.2	148.0	85.0
45	10	327.0	55.8	394.0	69.5	492.0	92.7	491.0	83.6	592.0	104.0	738.0	139.0	654.0	112.0	789.0	139.0	984.0	185.0
45	5	270.0	54.9	326.0	68.2	407.0	90.1	406.0	82.3	489.0	102.0	610.0	135.0	541.0	110.0	652.0	136.0	814.0	180.0
45	0	221.0	53.0	267.0	65.6	333.0	86.1	331.0	79.5	400.0	98.4	499.0	129.0	442.0	106.0	533.0	131.0	665.0	172.0
45	-5	178.0	50.3	215.0	62.0	268.0	80.7	267.0	75.4	322.0	93.0	402.0	121.0	356.0	101.0	430.0	124.0	536.0	161.0
45	-10	141.0	46.8	171.0	57.5	213.0	74.4	212.0	70.2	256.0	86.2	319.0	112.0	283.0	93.6	341.0	115.0	426.0	149.0
45	-15	110.0	42.7	133.0	52.3	166.0	67.1	165.0	64.1	199.0	78.4	249.0	101.0	220.0	85.5	266.0	105.0	332.0	134.0
45	-20	83.8	38.1	101.0	46.4	126.0	59.1	126.0	57.1	152.0	69.6	189.0	88.7	168.0	76.2	202.0	92.8	252.0	118.0
45	-25	61.8	33.0	74.5	40.0	93.0	50.6	92.7	49.5	112.0	60.0	139.0	75.8	124.0	65.9	149.0	80.0	186.0	101.0
50	10	307.0	60.9	371.0	75.6	463.0	99.9	461.0	91.3	556.0	113.0	694.0	150.0	615.0	122.0	742.0	151.0	925.0	200.0
50	5	253.0	59.1	305.0	73.1	381.0	95.9	380.0	88.7	458.0	110.0	572.0	144.0	506.0	118.0	611.0	146.0	762.0	192.0
50	0	206.0	56.5	249.0	69.6	310.0	90.5	309.0	84.7	373.0	104.0	465.0	136.0	412.0	113.0	497.0	139.0	620.0	181.0
50	-5	165.0	53.0	199.0	65.1	249.0	84.1	248.0	79.5	299.0	97.6	373.0	126.0	331.0	106.0	399.0	130.0	498.0	168.0
50	-10	130.0	48.9	157.0	59.8	196.0	76.7	196.0	73.3	236.0	89.6	295.0	115.0	261.0	97.7	315.0	120.0	393.0	153.0
50	-15	101.0	44.1	122.0	53.7	152.0	68.4	151.0	66.1	183.0	80.6	228.0	103.0	202.0	88.2	243.0	107.0	304.0	137.0
50	-20	76.0	38.8	91.7	47.1	114.0	59.5	114.0	58.2	138.0	70.6	172.0	89.2	152.0	77.6	183.0	94.1	229.0	119.0
50	-25	55.4	33.0	66.8	39.9	83.3	50.0	83.1	49.6	100.0	59.8	125.0	75.0	111.0	66.1	134.0	79.8	167.0	100.0
55	10	288.0	65.7	347.0	81.3	433.0	106.0	431.0	98.6	520.0	122.0	649.0	160.0	575.0	131.0	694.0	163.0	866.0	213.0
55	5	236.0	63.2	285.0	77.8	355.0	101.0	354.0	94.7	427.0	117.0	533.0	152.0	472.0	126.0	569.0	156.0	710.0	202.0
55	0	191.0	59.7	231.0	73.3	288.0	94.6	287.0	89.6	346.0	110.0	431.0	142.0	382.0	119.0	461.0	147.0	575.0	189.0
55	-5	153.0	55.5	184.0	67.9	230.0	87.0	229.0	83.3	276.0	102.0	344.0	131.0	305.0	111.0	368.0	136.0	459.0	174.0
55	-10	120.0	50.7	144.0	61.7	180.0	78.5	179.0	76.0	216.0	92.6	270.0	118.0	239.0	101.0	288.0	123.0	360.0	157.0
55	-15	91.7	45.3	111.0	54.9	138.0	69.3	138.0	67.9	166.0	82.3	207.0	104.0	183.0	90.5	221.0	110.0	276.0	139.0
55	-20	68.4	39.3	82.5	47.5	103.0	59.5	103.0	59.0	124.0	71.2	154.0	89.2	137.0	78.6	165.0	94.9	206.0	119.0

*Please consult ACCEL for grey shaded areas



ACCEL SMC 100 L

R-22

CONDENSING TEMP CT °C(5)
 EVAPORATING " ET °C(5)

LIQUID SUBCOOLING 5 K
 SUCTION SUPERHEAT 10 K

CAPACITY Q_E KW
 POWER CONSUMP. N_E KW

CT C	RPM	ACCEL SMC 4-100 L						ACCEL SMC 6-100 L						ACCEL SMC 8-100 L					
		970		1170		1460		970		1170		1460		970		1170		1460	
		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
20	10	264.0	18.4	318.0	25.2	397.0	42.0	396.0	27.5	477.0	37.8	595.0	63.0	528.0	36.7	636.0	50.3	794.0	84.0
20	5	222.0	20.9	268.0	27.9	334.0	43.4	333.0	31.3	402.0	41.8	501.0	65.1	444.0	41.8	535.0	55.8	668.0	86.8
20	0	185.0	21.9	223.0	28.7	279.0	42.9	278.0	32.9	335.0	43.1	418.0	64.3	370.0	43.8	447.0	57.5	557.0	85.8
20	-5	153.0	22.0	185.0	28.6	230.0	41.4	229.0	33.1	277.0	42.8	345.0	62.1	306.0	44.1	369.0	57.1	461.0	82.8
20	-10	125.0	21.6	151.0	27.7	188.0	39.3	187.0	32.4	226.0	41.6	282.0	59.0	250.0	43.2	301.0	55.4	376.0	78.6
20	-15	101.0	20.7	121.0	26.4	152.0	36.8	151.0	31.1	182.0	39.6	227.0	55.2	201.0	41.5	243.0	52.8	303.0	73.6
20	-20	79.9	19.6	96.4	24.7	120.0	34.0	120.0	29.3	145.0	37.1	180.0	51.0	160.0	39.1	193.0	49.4	241.0	68.0
20	-25	62.3	18.1	75.1	22.7	93.8	30.9	93.4	27.1	113.0	34.1	141.0	46.3	125.0	36.2	150.0	45.5	188.0	61.8
20	-30	47.5	16.4	57.2	20.5	71.4	27.5	71.2	24.6	85.9	30.8	107.0	41.3	94.9	32.8	114.0	41.0	143.0	55.1
20	-35	35.1	14.5	42.4	18.0	52.9	24.0	52.7	21.8	63.6	27.0	79.3	35.9	70.3	29.0	84.8	36.1	106.0	47.9
20	-40	25.0	12.4	30.2	15.3	37.7	20.1	37.6	18.6	45.3	23.0	56.5	30.2	50.1	24.8	60.4	30.7	75.4	40.3
20	-45	16.9	10.1	20.4	12.4	25.4	16.1	25.3	15.2	30.6	18.6	38.1	24.1	33.8	20.2	40.7	24.8	50.8	32.2
25	10	253.0	22.2	305.0	29.5	380.0	45.2	379.0	33.3	457.0	44.2	570.0	67.8	505.0	44.4	609.0	59.0	760.0	90.4
25	5	212.0	23.8	256.0	31.1	319.0	45.9	318.0	35.6	384.0	46.6	479.0	68.9	424.0	47.5	512.0	62.1	638.0	91.9
25	0	176.0	24.3	213.0	31.3	266.0	45.2	265.0	36.4	319.0	47.0	398.0	67.7	353.0	48.5	426.0	62.7	531.0	90.3
25	-5	145.0	24.0	175.0	30.8	219.0	43.5	218.0	36.1	263.0	46.2	328.0	65.2	291.0	48.1	351.0	61.6	437.0	87.0
25	-10	118.0	23.3	143.0	29.6	178.0	41.2	177.0	35.0	214.0	44.5	267.0	61.8	236.0	46.6	285.0	59.3	356.0	82.4
25	-15	94.9	22.2	114.0	28.0	143.0	38.4	142.0	33.3	172.0	42.0	214.0	57.6	190.0	44.4	229.0	56.0	286.0	76.8
25	-20	74.9	20.8	90.4	26.0	113.0	35.3	112.0	31.1	136.0	39.1	169.0	52.9	150.0	41.5	181.0	52.1	226.0	70.6
25	-25	58.0	19.1	70.0	23.8	87.3	31.8	87.0	28.6	105.0	35.7	131.0	47.8	116.0	38.1	140.0	47.5	175.0	63.7
25	-30	43.8	17.1	52.8	21.2	65.9	28.1	65.7	25.7	79.3	31.8	98.9	42.2	87.6	34.2	106.0	42.4	132.0	56.2
25	-35	32.1	14.9	38.7	18.4	48.3	24.1	48.1	22.4	58.0	27.6	72.4	36.2	64.1	29.9	77.3	36.8	96.5	48.2
25	-40	22.5	12.5	27.1	15.4	33.8	19.9	33.7	18.8	40.6	23.0	50.7	29.8	44.9	25.1	54.2	30.7	67.6	39.8
25	-45	14.7	9.9	17.8	12.1	22.2	15.4	22.1	14.9	26.6	18.1	33.2	23.1	29.5	19.8	35.5	24.1	44.3	30.9
30	10	241.0	25.8	291.0	33.6	363.0	49.4	362.0	38.7	436.0	50.4	545.0	74.0	482.0	51.5	582.0	67.2	726.0	98.7
30	5	202.0	26.6	244.0	34.4	304.0	49.3	303.0	40.0	366.0	51.6	456.0	73.9	404.0	53.3	487.0	68.7	608.0	98.6
30	0	168.0	26.7	202.0	34.1	252.0	48.0	251.0	40.0	303.0	51.2	379.0	72.1	335.0	53.4	404.0	68.3	505.0	96.1
30	-5	138.0	26.1	166.0	33.2	207.0	46.0	206.0	39.2	249.0	49.7	311.0	68.9	275.0	52.2	332.0	66.3	414.0	91.9
30	-10	112.0	25.1	135.0	31.6	168.0	43.3	167.0	37.6	202.0	47.4	252.0	64.9	223.0	50.2	269.0	63.3	336.0	86.5
30	-15	89.1	23.7	107.0	29.7	134.0	40.1	134.0	35.5	161.0	44.5	201.0	60.1	178.0	47.3	215.0	59.3	268.0	80.2
30	-20	70.0	21.9	84.4	27.8	105.0	36.5	105.0	32.9	127.0	41.0	158.0	54.8	140.0	43.9	169.0	54.7	211.0	73.1
30	-25	53.8	19.9	64.9	24.7	80.9	32.7	80.7	29.9	97.3	37.1	121.0	49.0	108.0	39.9	130.0	49.4	162.0	65.4
30	-30	40.2	17.7	48.5	21.8	60.6	28.5	60.4	26.6	72.8	32.7	90.8	42.8	80.5	35.4	97.1	43.6	121.0	57.1
30	-35	29.1	15.2	35.1	18.7	43.7	24.1	43.6	22.9	52.6	28.0	65.6	36.2	58.1	30.5	70.1	37.3	87.5	48.3
30	-40	20.0	12.5	24.1	15.2	30.1	19.5	29.9	18.8	36.1	22.9	45.1	29.2	39.9	25.1	48.2	30.5	60.1	39.0
35	10	230.0	29.3	277.0	37.7	346.0	53.8	345.0	43.9	416.0	56.5	519.0	80.7	460.0	58.5	554.0	75.3	692.0	108.0
35	5	192.0	29.6	232.0	37.7	289.0	53.0	288.0	44.3	347.0	56.6	433.0	79.5	384.0	59.1	463.0	75.5	578.0	106.0
35	0	159.0	29.2	192.0	37.0	239.0	51.1	238.0	43.8	287.0	55.5	359.0	76.7	318.0	58.3	383.0	74.0	478.0	102.0
35	-5	130.0	28.2	157.0	35.6	196.0	48.5	195.0	42.3	235.0	53.3	293.0	72.8	260.0	56.5	313.0	71.1	391.0	97.0
35	-10	105.0	26.8	127.0	33.6	158.0	45.3	157.0	40.3	190.0	50.4	237.0	68.0	210.0	53.7	253.0	67.2	316.0	90.7
35	-15	83.4	25.1	101.0	31.3	126.0	41.7	125.0	37.7	151.0	46.9	188.0	62.6	167.0	50.2	201.0	62.5	251.0	83.4
35	-20	65.1	23.1	78.5	28.6	97.9	37.7	97.6	34.6	118.0	42.8	147.0	56.5	130.0	46.1	157.0	57.1	196.0	75.4
35	-25	49.6	20.8	59.9	25.6	74.7	33.4	74.5	31.2	89.8	38.3	112.0	50.1	99.3	41.5	120.0	51.1	149.0	66.8
35	-30	36.8	18.2	44.4	22.3	55.3	28.8	55.2	27.3	66.5	33.4	83.0	43.2	73.5	36.4	88.7	44.6	111.0	57.6

*Please consult ACCEL for grey shaded areas



ACCEL SMC 100 L

R-22

CONDENSING TEMP CT °C(5)
 EVAPORATING " ET °C(5)

LIQUID SUBCOOLING 5 K
 SUCTION SUPERHEAT 10 K

CAPACITY Q_E KW
 POWER CONSUMP. N_E KW

CT C	ET C	ACCEL SMC 4-100 L						ACCEL SMC 6-100 L						ACCEL SMC 8-100 L					
		970		1170		1460		970		1170		1460		970		1170		1460	
		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
40	10	218.0	32.7	263.0	41.7	329.0	58.3	327.0	4.9	395.0	62.5	493.0	87.5	437.0	65.3	527.0	83.3	657.0	117.0
40	5	182.0	32.5	219.0	41.1	274.0	56.7	273.0	4.8	329.0	61.7	411.0	85.1	364.0	64.9	439.0	82.2	547.0	113.0
40	0	150.0	31.6	181.0	39.8	226.0	54.2	225.0	4.7	271.0	59.7	339.0	81.3	300.0	63.3	362.0	79.6	451.0	108.0
40	-5	122.0	30.3	147.0	37.9	184.0	51.0	183.0	4.5	221.0	56.9	276.0	76.5	244.0	60.6	295.0	75.8	368.0	102.0
40	-10	98.3	28.6	119.0	35.5	148.0	47.3	147.0	4.2	178.0	53.3	222.0	71.0	197.0	57.1	237.0	71.1	296.0	94.6
40	-15	77.7	26.5	93.7	32.8	117.0	43.2	117.0	3.9	141.0	49.2	175.0	64.8	155.0	53.0	187.0	65.5	234.0	86.4
40	-20	60.3	24.1	72.7	29.7	90.7	38.7	90.4	3.6	109.0	44.5	136.0	58.0	121.0	48.2	145.0	59.3	181.0	77.4
40	-25	45.6	21.5	55.0	26.3	68.6	33.9	68.4	3.2	82.5	39.4	103.0	50.9	91.2	43.0	110.0	52.6	137.0	67.8
40	-30	33.4	18.6	40.3	22.6	50.3	28.9	50.1	2.7	60.4	34.0	75.4	43.3	66.8	37.3	80.6	45.3	101.0	57.7
40	-35	23.4	15.5	28.2	18.7	35.2	23.6	35.1	2.3	42.3	28.1	52.8	35.4	46.8	31.1	56.5	37.5	70.4	47.2
45	10	207.0	36.0	249.0	45.6	311.0	62.8	310.0	5.4	374.0	68.3	466.0	94.1	413.0	72.0	498.0	91.1	622.0	126.0
45	5	172.0	35.3	207.0	44.4	258.0	60.4	257.0	5.3	311.0	66.6	388.0	90.6	343.0	70.6	414.0	88.8	517.0	121.0
45	0	141.0	34.0	170.0	42.6	212.0	57.2	212.0	5.1	255.0	63.9	319.0	85.8	282.0	68.1	340.0	85.1	425.0	114.0
45	-5	115.0	32.3	138.0	40.2	172.0	53.4	172.0	4.8	207.0	60.3	259.0	80.1	229.0	64.6	276.0	80.4	345.0	107.0
45	-10	91.7	30.2	111.0	37.3	138.0	49.1	138.0	4.5	166.0	56.0	207.0	73.7	183.0	60.4	221.0	74.7	276.0	98.3
45	-15	72.1	27.8	87.0	34.1	109.0	44.5	108.0	4.1	130.0	51.2	163.0	66.7	144.0	55.5	174.0	68.3	217.0	88.9
45	-20	55.5	25.1	67.0	30.6	83.6	39.5	83.3	3.7	100.0	45.9	125.0	59.2	111.0	50.1	134.0	61.3	167.0	78.9
45	-25	41.6	22.1	50.2	26.8	62.7	34.2	62.5	3.3	75.4	40.2	94.0	51.3	83.3	44.2	100.0	53.7	125.0	68.4
45	-30	30.1	18.9	36.4	22.8	45.4	28.7	45.2	2.8	54.5	34.2	68.1	43.1	60.3	37.8	72.7	45.6	90.7	57.4
50	10	195.0	39.3	235.0	49.4	293.0	67.0	292.0	5.8	353.0	74.0	440.0	101.0	390.0	78.5	470.0	98.7	587.0	134.0
50	5	161.0	38.1	195.0	47.6	243.0	63.9	242.0	5.7	292.0	71.4	364.0	95.8	323.0	76.1	389.0	95.1	486.0	128.0
50	0	132.0	36.4	159.0	45.2	199.0	60.0	198.0	5.4	239.0	67.8	298.0	90.0	264.0	72.7	319.0	90.4	398.0	120.0
50	-5	107.0	34.2	129.0	42.3	161.0	55.6	160.0	5.1	193.0	63.4	241.0	83.3	214.0	68.4	258.0	84.6	322.0	111.0
50	-10	85.1	31.7	103.0	39.0	128.0	50.7	128.0	4.7	154.0	58.5	192.0	76.1	170.0	63.5	205.0	78.0	256.0	101.0
50	-15	66.6	28.9	80.3	35.3	100.0	45.5	99.8	4.3	120.0	53.0	150.0	68.2	133.0	57.8	161.0	70.6	200.0	90.9
50	-20	50.9	25.8	61.4	31.4	76.6	39.9	76.3	3.8	92.1	47.0	115.0	59.9	102.0	51.6	123.0	62.7	153.0	79.9
50	-25	37.8	22.5	45.6	27.1	56.9	34.2	56.7	3.3	68.4	40.7	85.3	51.2	75.6	45.0	91.2	54.3	114.0	68.3
50	-30	27.0	18.9	32.5	22.7	40.6	28.2	40.5	2.8	48.8	34.0	60.9	42.3	54.0	37.9	65.1	45.3	81.2	56.4
55	10	183.0	42.4	221.0	53.0	275.0	71.1	274.0	6.3	331.0	79.5	413.0	107.0	366.0	84.8	441.0	106.0	551.0	142.0
55	5	151.0	40.7	182.0	50.6	227.0	67.1	227.0	6.1	273.0	75.9	341.0	101.0	302.0	81.5	364.0	101.0	455.0	134.0
55	0	123.0	38.6	149.0	47.6	185.0	62.5	185.0	5.8	223.0	71.4	278.0	93.8	246.0	77.1	297.0	95.2	371.0	125.0
55	-5	99.2	36.0	120.0	44.2	149.0	57.4	149.0	5.4	179.0	66.3	224.0	86.1	198.0	71.9	239.0	88.4	299.0	115.0
55	-10	78.6	33.0	94.8	40.4	118.0	51.9	118.0	4.9	142.0	60.5	177.0	77.8	157.0	66.1	190.0	80.7	237.0	104.0
55	-15	61.1	29.8	73.6	36.2	91.9	46.1	91.6	4.4	110.0	54.3	138.0	69.1	122.0	59.6	147.0	72.4	184.0	92.1
55	-20	46.3	26.3	55.9	31.8	69.7	40.0	69.5	3.9	83.8	47.6	105.0	59.9	92.6	52.6	112.0	63.5	139.0	79.9
55	-25	34.0	22.6	41.0	27.1	51.2	33.7	51.0	3.3	61.6	40.6	76.8	50.5	68.0	45.2	82.1	54.1	102.0	67.3

*Please consult ACCEL for grey shaded areas



ACCEL SMC 100 L

R-22

CONDENSING TEMP CT °C(5)
 EVAPORATING " ET °C(5)

LIQUID SUBCOOLING 5 K
 SUCTION SUPERHEAT 10 K

CAPACITY Q_E KW
 POWER CONSUMP. N_E KW

CT C	RPM	ACCEL SMC 8-100 L						ACCEL SMC 12-100 L						ACCEL SMC 16-100 L					
		970		1170		1460		970		1170		1460		970		1170		1460	
		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
20	10	528.0	36.7	636.0	50.3	794.0	84.0	791.0	55.1	954.0	75.5	1191.0	126.0	1055.0	73.5	1273.0	101.0	1588.0	168.0
20	5	444.0	41.8	535.0	55.8	668.0	86.8	666.0	62.7	803.0	83.7	1002.0	130.0	888.0	83.6	1071.0	112.0	1336.0	174.0
20	0	370.0	43.8	447.0	57.5	557.0	85.8	556.0	65.7	670.0	86.2	836.0	129.0	741.0	87.7	894.0	115.0	1115.0	172.0
20	-5	306.0	44.1	369.0	57.1	461.0	82.8	459.0	66.1	554.0	85.7	691.0	124.0	612.0	88.2	738.0	114.0	921.0	166.0
20	-10	250.0	43.2	301.0	55.4	376.0	78.6	375.0	64.8	452.0	83.1	564.0	118.0	500.0	86.4	603.0	111.0	752.0	157.0
20	-15	201.0	41.5	243.0	52.8	303.0	73.6	302.0	62.2	364.0	79.2	455.0	110.0	403.0	82.9	486.0	106.0	606.0	147.0
20	-20	160.0	39.1	193.0	49.4	241.0	68.0	240.0	58.7	289.0	74.2	361.0	102.0	320.0	78.2	386.0	98.9	481.0	136.0
20	-25	125.0	36.2	150.0	45.5	188.0	61.8	187.0	54.3	225.0	68.2	281.0	92.7	249.0	72.4	301.0	91.0	375.0	124.0
20	-30	94.9	32.8	114.0	41.0	143.0	55.1	142.0	49.2	172.0	61.5	214.0	82.6	190.0	65.7	229.0	82.0	286.0	110.0
20	-35	70.3	29.0	84.8	36.1	106.0	47.9	105.0	43.6	127.0	54.1	159.0	71.9	141.0	58.1	170.0	72.1	212.0	95.8
20	-40	50.1	24.8	60.4	30.7	75.4	40.3	75.1	37.3	90.6	46.0	113.0	60.4	100.0	49.7	121.0	61.3	151.0	80.6
20	-45	33.8	20.2	40.7	24.8	50.8	32.2	50.7	30.3	61.1	37.2	76.2	48.3	67.5	40.4	81.5	49.6	102.0	64.4
25	10	505.0	44.4	609.0	59.0	760.0	90.4	758.0	66.6	914.0	88.4	1140.0	136.0	1010.0	88.8	1219.0	118.0	1521.0	181.0
25	5	424.0	47.5	512.0	62.1	638.0	91.9	636.0	71.3	767.0	93.2	958.0	138.0	848.0	95.0	1023.0	124.0	1277.0	184.0
25	0	353.0	48.5	426.0	62.7	531.0	90.3	529.0	72.8	639.0	94.0	797.0	135.0	706.0	97.0	851.0	125.0	1062.0	181.0
25	-5	291.0	48.1	351.0	61.6	437.0	87.0	436.0	72.1	526.0	92.4	656.0	130.0	581.0	96.2	701.0	123.0	875.0	174.0
25	-10	236.0	46.6	285.0	59.3	356.0	82.4	355.0	70.0	428.0	88.9	534.0	124.0	473.0	93.3	571.0	119.0	712.0	165.0
25	-15	190.0	44.4	229.0	56.0	286.0	76.8	285.0	66.6	343.0	84.1	428.0	115.0	380.0	88.8	458.0	112.0	571.0	154.0
25	-20	150.0	41.5	181.0	52.1	226.0	70.6	225.0	62.3	271.0	78.1	338.0	106.0	300.0	83.0	361.0	104.0	451.0	141.0
25	-25	116.0	38.1	140.0	47.5	175.0	63.7	174.0	57.2	210.0	71.3	262.0	95.5	232.0	76.2	280.0	95.1	349.0	127.0
25	-30	87.6	34.2	106.0	42.4	132.0	56.2	131.0	51.3	159.0	63.6	198.0	84.3	175.0	68.4	211.0	84.8	264.0	112.0
25	-35	64.1	29.9	77.3	36.8	96.5	48.2	96.2	44.8	116.0	55.2	145.0	72.4	128.0	59.7	155.0	73.6	193.0	96.5
25	-40	44.9	25.1	54.2	30.7	67.6	39.8	67.4	37.6	81.3	46.1	101.0	59.7	89.8	50.1	108.0	61.4	135.0	79.6
25	-45	29.5	19.8	35.5	24.1	44.3	30.9	44.2	29.7	53.3	36.2	66.5	46.3	58.9	39.6	71.0	48.2	88.7	61.7
30	10	482.0	51.5	582.0	67.2	726.0	98.7	724.0	77.3	873.0	101.0	1089.0	148.0	965.0	103.0	1164.0	134.0	1452.0	197.0
30	5	404.0	53.3	487.0	68.7	608.0	98.6	606.0	79.9	731.0	103.0	912.0	148.0	808.0	107.0	975.0	137.0	1217.0	197.0
30	0	335.0	53.4	404.0	68.3	505.0	96.1	503.0	80.1	607.0	102.0	757.0	144.0	671.0	107.0	809.0	137.0	1009.0	192.0
30	-5	275.0	52.2	332.0	66.3	414.0	91.9	413.0	78.4	498.0	99.5	621.0	138.0	550.0	104.0	664.0	133.0	829.0	184.0
30	-10	223.0	50.2	269.0	63.3	336.0	86.5	335.0	75.3	404.0	94.9	504.0	130.0	446.0	100.0	538.0	127.0	672.0	173.0
30	-15	178.0	47.3	215.0	59.3	268.0	80.2	267.0	71.0	322.0	89.0	402.0	120.0	356.0	94.7	430.0	119.0	537.0	160.0
30	-20	140.0	43.9	169.0	54.7	211.0	73.1	210.0	65.8	253.0	82.0	316.0	110.0	280.0	87.8	338.0	109.0	421.0	146.0
30	-25	108.0	39.9	130.0	49.4	162.0	65.4	161.0	59.8	195.0	74.1	243.0	98.0	215.0	79.8	259.0	98.9	324.0	131.0
30	-30	80.5	35.4	97.1	43.6	121.0	57.1	121.0	53.1	146.0	65.5	182.0	85.6	161.0	70.8	194.0	87.3	242.0	114.0
30	-35	58.1	30.5	70.1	37.3	87.5	48.3	87.2	45.7	105.0	56.0	131.0	72.4	116.0	61.0	140.0	74.6	175.0	96.5
30	-40	39.9	25.1	48.2	30.5	60.1	39.0	59.9	37.6	72.2	45.7	90.2	58.5	79.9	50.2	96.3	61.0	120.0	77.9
35	10	460.0	58.5	554.0	75.3	692.0	108.0	689.0	87.8	832.0	113.0	1038.0	161.0	919.0	117.0	1109.0	151.0	1383.0	215.0
35	5	384.0	59.1	463.0	75.5	578.0	106.0	576.0	88.7	695.0	113.0	867.0	159.0	768.0	118.0	926.0	151.0	1156.0	212.0
35	0	318.0	58.3	383.0	74.0	478.0	102.0	476.0	87.5	575.0	111.0	717.0	153.0	635.0	117.0	766.0	148.0	956.0	204.0
35	-5	260.0	56.5	313.0	71.1	391.0	97.0	390.0	84.7	470.0	107.0	587.0	146.0	520.0	113.0	627.0	142.0	782.0	194.0
35	-10	210.0	53.7	253.0	67.2	316.0	90.7	315.0	80.5	380.0	101.0	474.0	136.0	420.0	107.0	506.0	134.0	631.0	181.0
35	-15	167.0	50.2	201.0	62.5	251.0	83.4	250.0	75.3	302.0	93.8	377.0	125.0	334.0	100.0	402.0	125.0	502.0	167.0
35	-20	130.0	46.1	157.0	57.1	196.0	75.4	195.0	69.2	235.0	85.7	294.0	113.0	260.0	92.3	314.0	114.0	392.0	151.0
35	-25	99.3	41.5	120.0	51.1	149.0	66.8	149.0	62.3	180.0	76.7	224.0	100.0	199.0	83.1	239.0	102.0	299.0	134.0
35	-30	73.5	36.4	88.7	44.6	111.0	57.6	110.0	54.7	133.0	66.9	166.0	86.4	147.0	72.9	117.0	89.2	221.0	115.0

*Please consult ACCEL for grey shaded areas



ACCEL SMC 100 L

R-22

CONDENSING TEMP CT °C(5)
 EVAPORATING " ET °C(5)

LIQUID SUBCOOLING 5 K
 SUCTION SUPERHEAT 10 K

CAPACITY Q_E KW
 POWER CONSUMP. N_E KW

CT C	RPM	ACCEL SMC 8-100 L						ACCEL SMC 12-100 L						ACCEL SMC 16-100 L					
		970		1170		1460		970		1170		1460		970		1170		1460	
		Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E	Q _E	N _E
40	10	437.0	65.3	527.0	83.3	657.0	117.0	655.0	98.0	790.0	125.0	986.0	175.0	873.0	131.0	1053.0	167.0	1314.0	233.0
40	5	364.0	64.9	439.0	82.2	547.0	113.0	546.0	97.4	658.0	123.0	821.0	170.0	727.0	130.0	877.0	164.0	1095.0	227.0
40	0	300.0	63.3	362.0	79.6	451.0	108.0	450.0	94.9	543.0	119.0	677.0	163.0	600.0	127.0	724.0	159.0	903.0	217.0
40	-5	244.0	60.6	295.0	75.8	368.0	102.0	367.0	90.9	442.0	114.0	552.0	153.0	489.0	121.0	590.0	152.0	736.0	204.0
40	-10	197.0	57.1	237.0	71.1	296.0	94.6	295.0	85.7	356.0	107.0	444.0	142.0	393.0	114.0	474.0	142.0	592.0	189.0
40	-15	155.0	53.0	187.0	65.5	234.0	86.4	233.0	79.5	281.0	98.3	351.0	130.0	311.0	106.0	375.0	131.0	468.0	173.0
40	-20	121.0	48.2	145.0	59.3	181.0	77.4	181.0	72.4	218.0	89.0	272.0	116.0	241.0	96.5	291.0	119.0	363.0	155.0
40	-25	91.2	43.0	110.0	52.6	137.0	67.8	137.0	64.5	165.0	78.8	206.0	102.0	182.0	86.0	220.0	105.0	275.0	136.0
40	-30	66.8	37.3	80.6	45.3	101.0	57.7	100.0	55.9	121.0	67.9	151.0	86.6	134.0	74.5	161.0	90.5	201.0	115.0
40	-35	46.8	31.1	56.5	37.5	70.4	47.2	70.2	46.6	84.7	56.2	106.0	70.8	93.6	62.1	113.0	74.9	141.0	94.4
45	10	413.0	72.0	498.0	91.1	622.0	126.0	620.0	108.0	748.0	137.0	933.0	188.0	826.0	144.0	997.0	182.0	1244.0	251.0
45	5	343.0	70.6	414.0	88.8	517.0	121.0	515.0	106.0	621.0	133.0	775.0	181.0	687.0	141.0	828.0	178.0	1033.0	241.0
45	0	282.0	68.1	340.0	85.1	425.0	114.0	423.0	102.0	511.0	128.0	637.0	172.0	564.0	136.0	681.0	170.0	850.0	229.0
45	-5	229.0	64.6	276.0	80.4	345.0	107.0	344.0	97.0	415.0	121.0	517.0	160.0	458.0	129.0	553.0	161.0	690.0	214.0
45	-10	183.0	60.4	221.0	74.7	276.0	98.3	275.0	90.6	332.0	112.0	414.0	147.0	367.0	121.0	442.0	149.0	552.0	197.0
45	-15	144.0	55.5	174.0	68.3	217.0	88.9	216.0	83.3	261.0	102.0	326.0	133.0	288.0	111.0	348.0	137.0	434.0	178.0
45	-20	111.0	50.1	134.0	61.3	167.0	78.9	167.0	75.2	201.0	91.9	251.0	118.0	222.0	100.0	268.0	123.0	334.0	158.0
45	-25	83.3	44.2	100.0	53.7	125.0	68.4	125.0	66.3	151.0	80.5	188.0	103.0	167.0	88.4	201.0	107.0	251.0	137.0
45	-30	60.3	37.8	72.7	45.6	90.7	57.4	90.4	56.7	109.0	68.4	136.0	86.1	121.0	75.6	145.0	91.2	181.0	115.0
50	10	390.0	78.5	470.0	98.7	587.0	134.0	585.0	118.0	705.0	148.0	880.0	201.0	779.0	157.0	940.0	197.0	1173.0	268.0
50	5	323.0	76.1	389.0	95.1	486.0	128.0	484.0	114.0	584.0	143.0	729.0	192.0	646.0	152.0	779.0	190.0	972.0	255.0
50	0	264.0	72.7	319.0	90.4	398.0	120.0	397.0	109.0	478.0	136.0	597.0	180.0	529.0	145.0	638.0	181.0	796.0	240.0
50	-5	214.0	68.4	258.0	84.6	322.0	111.0	321.0	103.0	387.0	127.0	483.0	167.0	428.0	137.0	516.0	169.0	644.0	222.0
50	-10	170.0	63.5	205.0	78.0	256.0	101.0	255.0	95.2	308.0	117.0	384.0	152.0	341.0	127.0	411.0	156.0	513.0	203.0
50	-15	133.0	57.8	161.0	70.6	200.0	90.9	200.0	86.7	241.0	106.0	301.0	136.0	266.0	116.0	321.0	141.0	401.0	182.0
50	-20	102.0	51.6	123.0	62.7	153.0	79.9	153.0	77.5	184.0	94.1	230.0	120.0	204.0	103.0	246.0	125.0	306.0	160.0
50	-25	75.6	45.0	91.2	54.3	114.0	68.3	113.0	67.5	137.0	81.4	171.0	102.0	151.0	90.0	182.0	109.0	228.0	137.0
50	-30	54.0	37.9	65.1	45.3	81.2	56.4	81.0	56.8	97.6	68.0	122.0	84.6	108.0	75.7	130.0	90.7	162.0	113.0
55	10	366.0	84.8	441.0	106.0	551.0	142.0	549.0	127.0	662.0	159.0	826.0	213.0	732.0	170.0	883.0	212.0	1101.0	284.0
55	5	302.0	81.5	364.0	101.0	455.0	134.0	453.0	122.0	546.0	152.0	682.0	201.0	604.0	163.0	729.0	202.0	909.0	268.0
55	0	246.0	77.1	297.0	95.2	371.0	125.0	370.0	116.0	446.0	143.0	556.0	188.0	493.0	154.0	595.0	190.0	742.0	250.0
55	-5	198.0	71.9	239.0	88.4	299.0	115.0	298.0	108.0	359.0	133.0	448.0	172.0	397.0	144.0	479.0	177.0	597.0	230.0
55	-10	157.0	66.1	190.0	80.7	237.0	104.0	236.0	99.1	284.0	121.0	355.0	156.0	314.0	132.0	379.0	161.0	473.0	208.0
55	-15	122.0	59.6	147.0	72.4	184.0	92.1	183.0	89.4	221.0	109.0	276.0	138.0	244.0	119.0	295.0	145.0	368.0	184.0
55	-20	92.6	52.6	112.0	63.5	139.0	79.9	139.0	79.0	168.0	95.3	209.0	120.0	185.0	105.0	223.0	127.0	279.0	160.0
55	-25	68.0	45.2	82.1	54.1	102.0	67.3	102.0	67.7	123.0	81.2	154.0	101.0	136.0	90.3	164.0	108.0	205.0	135.0

*Please consult ACCEL for grey shaded areas