

CCI Model ET210						Compressor RPM					
Suction psia/sT=15	Discharge psia/sT=112	Comp. Ratio	Return Gas	R-134a Spec vol. @ Suction	Discharge Temp,	0	1000	1600	2000	2500	3000
29.7	164.7	<b>5.55</b>	45	1.691		0	158	167	179	193	210
Mass Flow lbm/min.						0	2.66	3.51	3.86	4.16	4.32
hv@15deg SH	hl @10deg SC	Refrig. Effect Btu/lbm				0	159.6	210.6	231.6	249.6	259.2
Mass Flow lbm/hr.						0	159.6	210.6	231.6	249.6	259.2
108.23	45.64	62.59				0	4.50	5.94	6.53	7.03	7.31
Flow @ comp. In Ft <sup>3</sup> /min.						0	4.50	5.94	6.53	7.03	7.31
Compressor Displacement Ft <sup>3</sup> /min.						0	5.96	9.54	11.92	14.90	17.88
Volumetric Efficiency							75.5%	62.2%	54.8%	47.2%	40.9%
Capacity(R-134a) @10degF SubCool 15degF SuperHeat						0	9989	13181	14496	15622	16223

CCI Model ET210						Compressor RPM					
Suction psia/sT=15	Discharge psia/sT=130	Comp. Ratio	Return Gas	R-134a Spec vol. @ Suction	Discharge Temp,	0	1000	1600	2000	2500	3000
29.7	214.7	<b>7.23</b>	45	1.691		0	176	184	194	208	221
Mass Flow lbm/min.						0	2.52	3.31	3.68	3.99	4.15
hv@15deg SH	hl @10deg SC	Refrig. Effect Btu/lbm				0	151.2	198.6	220.8	239.4	249
Mass Flow lbm/hr.						0	151.2	198.6	220.8	239.4	249
108.23	52.15	56.08				0	4.26	5.60	6.22	6.75	7.02
Flow @ comp. In Ft <sup>3</sup> /min.						0	4.26	5.60	6.22	6.75	7.02
Compressor Displacement Ft <sup>3</sup> /min.						0	5.96	9.54	11.92	14.90	17.88
Volumetric Efficiency							71.5%	58.7%	52.2%	45.3%	39.2%
Capacity(R-134a) @10degF SubCool 15degF SuperHeat						0	8479	11137	12382	13426	13964

CCI Model ET210						Compressor RPM					
Suction psia/sT=15	Discharge psia/sT=149	Comp. Ratio	Return Gas	R-134a Spec vol. @ Suction	Discharge Temp,	0	1000	1600	2000	2500	3000
29.7	274.7	<b>9.25</b>	45	1.691		0	181	193	205	225	236
Mass Flow lbm/min.						0	2.41	3.24	3.61	3.75	3.89
hv@15deg SH	hl @10deg SC	Refrig. Effect Btu/lbm				0	144.6	194.4	216.6	225	233.4
Mass Flow lbm/hr.						0	144.6	194.4	216.6	225	233.4
108.23	59.3	48.93				0	4.08	5.48	6.10	6.34	6.58
Flow @ comp. In Ft <sup>3</sup> /min.						0	4.08	5.48	6.10	6.34	6.58
Compressor Displacement Ft <sup>3</sup> /min.						0	5.96	9.54	11.92	14.90	17.88
Volumetric Efficiency							68.4%	57.4%	51.2%	42.6%	36.8%
Capacity(R-134a) @10degF SubCool 15degF SuperHeat						0	7075	9512	10598	11009	11420

