



PSIG	°F
16	16
18	19
20	22
22	25
24	27
26	30
28	32
30	34
32	36
34	39
36	41
38	44
40	48
42	47
44	49
46	50
48	52
50	54
55	58
60	62
65	66
70	69
75	73
80	76
85	79
90	82
95	85
100	88
105	91
110	93
115	96
120	98

EVAPORATOR

PSIG	°F
125	101
130	103
135	105
140	107
145	110
150	112
160	116
170	120
180	124
190	127
200	131
210	134
220	137
230	141
240	144
250	147
260	150
270	152
280	155
290	158
300	160
310	163
320	165
330	168
340	170
350	172
360	175
370	177
380	179
390	181
400	183
410	185

CONDENSER

R-134a

Fahrenheit

Pressure/ Temperature Chart

Torque Settings

- #6 O-Ring Fitting: 11-13 ft-lb
- #8 O-Ring Fitting: 15-20 ft-lb
- #10 O-Ring Fitting: 21-27 ft-lb
- #12 O-Ring Fitting: 28-30 ft-lb
- #14 O-Ring Fitting: 30-35 ft-lb
- Pressure switch on Schrader port (7/16-20): 85-90 in-lb
- Pressure switch on M10 port: 60-65 in-lb
- Schrader port valve insert: 3-5 in-lb



kPa	°C		kPa	°C
110	-9	EVAPORATOR	862	38
124	-7		896	39
138	-6		931	41
152	-4		965	42
165	-3		1000	43
179	-1		1034	44
193	0		1103	47
207	1		1172	49
221	2		1241	51
234	4		1310	53
248	5		1379	55
262	7		1448	57
276	9		1517	58
290	8		1586	61
303	9		1655	62
317	10	1724	64	
331	11	1793	66	
345	12	1862	67	
379	14	1931	68	
414	17	1999	70	
448	19	2068	71	
483	21	2137	73	
517	23	2206	74	
552	24	2275	76	
586	26	2344	77	
621	28	2413	78	
655	29	2482	79	
689	31	2551	81	
724	33	2620	82	
758	34	2689	83	
793	36	2758	84	
827	37	2827	85	

R-134a

Celsius

Pressure/ Temperature Chart

- Torque Settings**
- #6 O-Ring Fitting: **15-18 N-m**
 - #8 O-Ring Fitting: **20-27 N-m**
 - #10 O-Ring Fitting: **29-37 N-m**
 - #12 O-Ring Fitting: **38-41 N-m**
 - #14 O-Ring Fitting: **41-48 N-m**
 - Pressure switch on Schrader port (7/16-20): **9-10 N-m**
 - Pressure switch on M10 port: **6-7 N-m**
 - Schrader port valve insert: **34-56 N-cm**