



Heating Check Chart

HEATING CHECK CHART									
For use with units using R-410A refrigerant									
FIELD OPERATING PRESSURE CHARGING TABLE FIXED RESTRICTOR (HIGH PRESSURE @ VAPOR VALVE, SUCTION PRESSURE @ SUCTION SERVICE PORT)									
UNIT	INDOOR DRY BULB	OUTDOOR TEMP. °F DRY BULB/WET BULB							
		60/57	50/47	40/38	30/28	20/18	10/9	0/-1	
018	60°	HIGH	310	292	275	257	238	226	213
		SUCT	115	102	89	76	63	53	43
	70°	HIGH	355	334	313	292	271	257	242
		SUCT	121	107	93	78	64	54	44
	80°	HIGH	403	376	349	328	307	291	275
		SUCT	127	110	93	79	66	55	45
024	60°	HIGH	348	319	290	269	249	235	221
		SUCT	120	102	83	74	64	55	45
	70°	HIGH	388	354	320	300	281	267	252
		SUCT	124	106	88	77	65	56	46
	80°	HIGH	428	394	361	338	316	301	287
		SUCT	128	111	94	80	66	57	48
030	60°	HIGH	368	337	307	282	257	239	221
		SUCT	127	110	93	77	61	49	38
	70°	HIGH	410	377	344	319	293	273	254
		SUCT	130	112	94	78	62	50	38
	80°	HIGH	455	420	385	358	331	307	284
		SUCT	132	114	96	79	63	51	39
036	60°	HIGH	363	337	310	286	262	246	230
		SUCT	123	108	93	79	65	55	44
	70°	HIGH	404	377	350	324	298	280	262
		SUCT	126	111	95	81	66	56	45
	80°	HIGH	453	420	387	363	338	318	297
		SUCT	129	113	96	82	67	57	46
042	60°	HIGH	316	299	282	264	246	235	223
		SUCT	109	98	86	73	59	50	41
	70°	HIGH	358	338	317	298	278	267	255
		SUCT	112	100	87	74	60	51	42
	80°	HIGH	404	380	355	338	321	306	291
		SUCT	116	102	88	76	63	53	43
048	60°	HIGH	332	306	280	261	242	233	223
		SUCT	106	90	74	63	52	45	38
	70°	HIGH	377	350	323	303	283	270	256
		SUCT	110	95	79	68	56	48	40
	80°	HIGH	409	386	363	341	318	305	291
		SUCT	116	102	87	72	57	49	41
060	60°	HIGH	327	303	279	263	246	232	218
		SUCT	105	91	77	66	54	45	35
	70°	HIGH	369	340	310	292	274	263	251
		SUCT	108	94	79	68	58	47	36
	80°	HIGH	410	381	352	336	320	303	286
		SUCT	111	97	83	72	60	49	38

* If PressureGuard™ kit is installed, it will not allow pressures to stabilize at these conditions. To check the charge at these ambients operate in cooling or lower the indoor dry bulb temperature.



⚠ CAUTION

- Compressor damage may occur if system is over-charged.
- Carefully recover refrigerant from this unit before final disposal or when servicing.
- Never vent refrigerant to atmosphere. Use approved recovery equipment.

OPERATION

To check system operation during Heating or Cooling cycle use the appropriate table. Table indicates whether a correct relationship exists between system operating pressure and air temperature entering indoor and outdoor units. If pressure and temperature do not match on chart, system refrigerant charge may not be correct or other system abnormalities may exist. Do not use table to adjust refrigerant charge.

When charging is necessary during heating season, weigh in total charge as indicated on unit rating plate. Rating plate charge is for systems with 15 ft. of line-set. Adjust charge 0.6 oz of refrigerant per foot of 3/8" liquid connecting tubing. Remove any refrigerant remaining in system before recharging if the system has lost complete charge, evacuate and recharge by weight.

338719-101 REV. A
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Fig. 1 – 213C 1-1/2 - 5 Tons

