



# 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	337	317	296	273	250	236	221
		SUCT	123	111	98	83	67	56	45
	70°	HIGH	381	357	333	308	283	268	252
		SUCT	129	114	99	84	68	57	46
	80°	HIGH	429	400	370	345	320	304	287
		SUCT	133	117	100	84	68	57	46
024	60°	HIGH	330	310	289	267	245	231	216
		SUCT	125	112	98	83	67	56	44
	70°	HIGH	374	350	325	303	281	265	249
		SUCT	130	115	100	84	67	56	45
	80°	HIGH	423	394	364	341	318	301	284
		SUCT	134	117	100	84	68	57	45
030	60°	HIGH	352	327	301	275	248	235	221
		SUCT	119	106	93	78	63	52	40
	70°	HIGH	394	366	338	309	280	268	255
		SUCT	123	109	94	79	64	52	40
	80°	HIGH	443	411	378	350	321	307	292
		SUCT	126	111	95	80	64	53	41
036	60°	HIGH	359	326	292	267	241	228	214
		SUCT	130	112	93	78	62	53	43
	70°	HIGH	401	366	331	305	279	263	246
		SUCT	130	112	94	79	64	54	43
	80°	HIGH	443	407	370	344	317	299	281
		SUCT	130	113	96	81	65	55	44
042	60°	HIGH	370	346	322	293	263	247	231
		SUCT	141	127	112	95	78	64	49
	70°	HIGH	413	387	360	330	300	281	262
		SUCT	148	132	116	98	80	65	50
	80°	HIGH	462	430	398	369	340	318	296
		SUCT	154	137	120	101	82	67	52
048	60°	HIGH	359	332	305	281	256	243	229
		SUCT	118	103	88	74	59	50	41
	70°	HIGH	401	371	342	317	292	276	261
		SUCT	120	105	89	75	60	51	41
	80°	HIGH	444	375	307	321	334	314	293
		SUCT	121	105	89	76	62	52	41
060	60°	HIGH	334	308	282	263	244	231	218
		SUCT	114	99	83	70	56	44	32
	70°	HIGH	380	353	326	305	283	268	252
		SUCT	118	103	87	72	56	46	35
	80°	HIGH	430	399	367	343	319	304	288
		SUCT	122	105	87	72	56	46	36

\* 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.



341218-101 REV. C

**Fig. 1 – Model sizes 1-1/2 - 5 tons, 208/230-1**

