

## Heating Check Chart

HEATING CHECK CHART									
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	218	203	188	173	159	144	129
		SUCT	59	52	45	38	32	25	18
	70°	HIGH	252	235	218	202	185	168	152
		SUCT	63	55	48	40	33	25	17
	80°	HIGH	284	265	247	228	210	191	173
		SUCT	66	58	49	41	33	25	17
024	60°	HIGH	211	197	183	169	155	141	127
		SUCT	59	52	45	38	31	24	18
	70°	HIGH	243	227	211	194	178	162	146
		SUCT	64	57	49	41	33	26	18
	80°	HIGH	271	254	237	219	202	184	167
		SUCT	68	59	51	43	35	26	18
030	60°	HIGH	203	190	178	165	152	140	127
		SUCT	58	51	45	39	32	26	19
	70°	HIGH	231	217	203	189	175	161	147
		SUCT	62	55	48	41	33	26	19
	80°	HIGH	262	246	231	215	199	184	168
		SUCT	65	57	50	42	35	27	20
036	60°	HIGH	221	208	194	168	141	136	130
		SUCT	56	51	46	35	24	21	18
	70°	HIGH	252	235	218	196	173	162	150
		SUCT	61	55	48	40	31	25	18
	80°	HIGH	285	263	241	220	199	186	173
		SUCT	65	57	48	40	32	26	19
042	60°	HIGH	251	228	205	181	156	147	138
		SUCT	64	56	47	39	30	24	18
	70°	HIGH	285	257	228	205	181	171	160
		SUCT	67	58	48	40	31	25	18
	80°	HIGH	319	287	255	232	208	197	186
		SUCT	70	60	49	41	32	25	18
048	60°	HIGH	205	192	179	166	153	140	127
		SUCT	56	49	42	35	28	21	14
	70°	HIGH	237	222	208	193	178	163	148
		SUCT	59	52	44	37	29	21	14
	80°	HIGH	279	261	243	225	206	188	170
		SUCT	66	57	48	39	30	22	13
060	60°	HIGH	190	181	172	163	153	144	135
		SUCT	48	42	37	32	27	22	16
	70°	HIGH	212	203	193	184	175	166	157
		SUCT	51	45	39	33	27	22	16
	80°	HIGH	261	246	231	216	201	186	171
		SUCT	55	48	42	36	29	23	16

**⚠ CAUTION**

Compressor damage may occur if system is over-charged.

**OPERATION**

To check system operation during heating cycle, use this 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. line-set. Adjust charge at rate of 0.6 oz/ft of 3/8" liquid line above or below 15 ft. Remove any refrigerant remaining in system before recharging. If the system has lost complete charge, evacuate and recharge by weight.

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Fig. 1—38YC(C, G, S, W)018-060

# SERVICE TRAINING

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- Maintenance
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- Operating Sequence

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