

**TABELA COMPARATIVA DE CAPACIDADES FRIGORÍFICAS
MÉDIA / ALTA TEMPERATURA DE EVAPORAÇÃO**

R-22 / 60 HZ

Fabricante	Modelo da Unidade Condens.	Ref. Com. (HP)	Temp. Amb. (°C)	Capacidade Frigorífica (Kcal/h).					
				Temperatura de Evaporação (°C).					
				-15	-10	-5	0	+5	+10
Elgin	TUM 2053	1	35	930	1.300	1.722	2.001	-	-
Heatcraft	MH*005H2	½	35	1.032	1.299	1.572	1.870	2.180	-
Elgin	TUM 2063	1-1/4	35	1.100	1.515	1.995	2.200	-	-
Danfoss	HAM 010	1	35	949	1.199	1.598	2.056	2.362	2.683
Heatcraft	MH*008H2	¾	35	1.209	1.576	1.965	2.383	2.811	-
Elgin	UCA 2 13Q	1	35	1.306	1.738	2.201	2.671	3.196	3.841
Elgin	UCDM 2 160	2 x 7/8	35	1.561	1.998	2.594	2.995	3.787	-
Danfoss	HAM 015	1-1/4	35	1.146	1.525	1.962	2.455	3.000	3.593
Heatcraft	MH*010H2	1	35	1.338	1.791	2.281	2.802	3.332	-
Elgin	UCS 2 19Q	1-1/2	35	1.720	2.368	2.970	3.544	4.240	5.002
Elgin	UCM 2 150	1-1/2	35	1.606	2.267	2.800	3.502	4.145	4.815
Elgin	UCDM 2 200	2 x 1	35	1.778	2.323	2.902	3.361	4.241	-
Danfoss	HCM 018	1-1/2	35	1.302	1.733	2.230	2.789	3.410	4.084
Embraco	UH23B193	1-1/2	35	1.715	2.300	2.920	3.521	4.205	4.950
Heatcraft	MH*014H2	1-1/2	35	1.636	2.166	2.745	3.349	3.961	-
Elgin	UCS 2 24Q	2	35	2.322	2.911	3.631	4.281	5.112	5.960
Elgin	UCM 2 200	2	35	2.092	2.950	3.675	4.450	5.250	6.125
Elgin	UCDM 2 240	2 x 1-1/4	35	2.136	2.805	3.532	4.091	5.229	-
Danfoss	HCM 022	2	35	1.947	2.576	3.275	4.044	4.881	5.780
Embraco	UH23B243	2	35	2.320	3.050	3.750	4.350	5.125	6.200
Heatcraft	MH*020H2	2	35	2.376	3.116	3.980	4.898	5.835	-
Elgin	UCS 2 31Q / 2 30Q	2-1/2	35	3.003	3.648	4.597	5.632	6.583	7.894
Elgin	UCM 2 250	2-1/2	35	2.700	3.750	4.600	5.525	6.525	8.300
Danfoss	HCM 028	2-1/2	35	2.966	3.767	4.647	5.602	6.629	7.680
Embraco	UH23B303	2-1/2	35	3.100	3.600	4.506	5.452	6.320	7.732
Heatcraft	MH*020H2	2	35	2.376	3.116	3.980	4.898	5.835	-
Elgin	UCS 2 383	3	35	3.313	4.249	5.450	7.229	8.703	11.132
Elgin	UCM 2 300	3	35	3.532	4.875	5.900	7.323	8.557	9.870
Danfoss	HCM 032	2-3/4	35	3.204	4.104	5.113	6.231	7.456	8.784
Danfoss	HCM 036	3	35	3.873	4.877	5.971	7.155	8.421	9.761
Embraco	UH23A383	3	35	3.320	4.250	5.229	6.946	8.412	10.777
Heatcraft	MH*029M2	3	35	3.331	4.396	5.583	6.832	-	-
Elgin	UCS 2 423	3-1/2	35	4.052	4.546	6.053	7.862	10.000	12.493
Elgin	UCM 2 350	3-1/2	35	3.937	5.475	6.625	8.268	9.686	12.363
Danfoss	HCM 040	3-1/2	35	4.356	5.533	6.843	8.293	9.886	11.622
Embraco	UH23A423	3-1/2	35	3.960	4.356	5.798	7.532	9.587	11.987
Heatcraft	MH*030H2	3	35	3.757	5.049	6.531	8.127	9.783	-
Elgin	UCS 2 543	4	35	4.749	6.297	8.048	10.011	12.241	14.948
Elgin	UCM 2 400	4	35	4.972	6.900	8.450	10.605	12.442	14.306
Danfoss	HCM 044	4	35	4.478	5.626	7.062	8.620	10.360	12.284
Danfoss	HCM 050	4-1/2	35	4.781	6.064	7.568	9.296	11.255	13.444
Embraco	UH23A543	4	35	4.850	6.435	8.122	10.100	12.228	15.077
Heatcraft	MH*040H2	4	35	5.157	6.949	9.022	11.279	13.644	-
Elgin	UCS 2 623	5	35	5.680	8.174	10.195	12.055	13.914	16.809
Elgin	UCM 2 500	5	35	5.962	8.275	10.025	11.825	13.700	17.050
Danfoss	HCM 064	5	35	6.282	8.073	10.092	12.344	14.822	17.521
Embraco	UH23A623	5	35	5.742	8.234	10.343	12.215	14.093	16.865
Heatcraft	MH*050H2	5	35	6.072	8.155	10.547	13.140	15.844	-

Nota> Todas as capacidades frigoríficas desta tabela foram baseadas nos catálogos dos fabricantes.

Danfoss > Compact line - 10/2002

Heatcraft> Unidade Condensadora 1/2 - 6 HP - MKT-UC HTS - 2001

Embraco > Unidade Condensadora Embraco Aspera 1/1/2 - 5 HP - 09/2003 -Versão 00

**TABELA COMPARATIVA DE UNIDADES CONDENSADORAS
BAIXA TEMPERATURA DE EVAPORAÇÃO**

60HZ

Fabricante	Modelo da Unidade Condens.	Ref. Com. (HP)	Temp. Amb. (°C)	Fluido Refrigerante	Capacidade Frigorífica (Kcal/h).			
					Temperatura de Evaporação (°C).			
					-30	-25	-20	-15
Elgin	UCS 2 19Q	1-1/2	35	HP-81 / R-408A	1.158	1.249	1.301	-
Elgin	UCB 5 150	1-1/2	35	HP-81 / R-404A	1.238	1.548	1.950	2.487
Danfoss	HCM 022	2	35	HP-81	949	1.346	1.799	2.299
Danfoss	HCZ 022	2	35	R-404A	958	1.360	1.817	2.322
Heatcraft	MH*020X6	2	35	R-404A	880	1.341	1.861	2.487
Elgin	UCS 2 24Q	2	35	HP-81 / R-408A	1.229	1.581	1.699	-
Elgin	UCB 5 150	1-1/2	35	HP-81 / R-404A	1.238	1.548	1.950	2.487
Danfoss	HCM 022	2	35	HP-81	949	1.346	1.799	2.299
Danfoss	HCZ 022	2	35	R-404A	958	1.360	1.817	2.322
Danfoss	LGZ 022	2	35	R-404A	1.116	1.447	1.812	-
Heatcraft	MH*020X6	2	35	R-404A	880	1.341	1.861	2.487
Elgin	UCS 2 31Q / 2 30Q	2-1/2	35	HP-81 / R-408A	1.403	1.952	2.594	-
Elgin	UCB 5 200	2	35	HP-81 / R-404A	1.729	2.194	2.658	3.381
Danfoss	HCM 028	2-1/2	35	HP-81	1.251	1.722	2.272	2.901
Danfoss	HCZ 028	2-1/2	35	R-404A	1.251	1.722	2.272	2.901
Danfoss	HCM 032	3	35	HP-81	1.438	1.955	2.574	3.297
Danfoss	HCZ 032	3	35	R-404A	1.438	1.955	2.574	3.297
Danfoss	LGZ 028	2-1/2	35	R-404A	1.685	2.159	2.689	-
Embraco	UL63B752	2	35	R-404A	1.470	1.908	2.450	2.740
Heatcraft	MH*025X6	2-1/2	35	R-404A	1.333	1.759	2.288	2.938
Elgin	UCS 2 383	3	35	HP-81 / R-408A	1.696	2.312	3.053	-
Elgin	UCB 5 200	2	35	HP-81 / R-404A	1.729	2.194	2.658	3.381
Danfoss	HCM 036	3	35	HP-81	1.632	2.234	2.938	3.741
Danfoss	HCZ 036	3	35	R-404A	1.649	2.257	2.967	3.778
Danfoss	LGZ 028	2-1/2	35	R-404A	1.685	2.159	2.689	-
Embraco	UL63A113	2-1/2	35	R-404A	1.950	2.250	2.450	3.705
Heatcraft	MH*030X6	3	35	R-404A	1.722	2.286	3.173	3.995
Elgin	UCS 2 423	3-1/2	35	HP-81 / R-408A	1.990	2.680	3.498	-
Elgin	UCB 5 300	3	35	HP-81 / R-404A	2.264	2.877	3.490	4.236
Danfoss	HCM 040	3-1/2	35	HP-81	1.739	2.457	3.325	4.305
Danfoss	HCZ 040	3-1/2	35	R-404A	1.757	2.494	3.358	4.349
Heatcraft	MH*032X6	3	35	R-404A	2.006	2.663	3.549	4.328
Elgin	UCS 2 543	4	35	HP-81 / R-408A	2.303	3.185	4.124	-
Elgin	UCB 5 300	3	35	HP-81 / R-404A	2.264	2.877	3.490	4.236
Danfoss	HCM 044	4	35	HP-81	2.029	2.822	3.765	4.840
Danfoss	HCZ 044	4	35	R-404A	2.029	2.822	3.765	4.840
Danfoss	HCM 050	4-1/2	35	HP-81	2.319	3.186	4.205	5.374
Danfoss	HCZ 050	4-1/2	35	R-404A	2.343	3.218	4.247	5.428
Heatcraft	MH*040X6	4	35	R-404A	2.592	3.440	4.493	5.877
Elgin	UCS 2 623	5	35	HP-81 / R-408A	2.609	3.651	4.713	-
Elgin	UCB 5 400	4	35	HP-81 / R-404A	3.562	4.500	5.438	6.449
Danfoss	HCM 064	5	35	HP-81	3.098	4.251	5.585	7.038
Danfoss	HCZ 064	5	35	R-404A	3.130	4.294	5.642	7.110
Danfoss	LGZ 044	4	35	R-404A	2.830	3.690	4.666	-
Embraco	UL63A183	3	35	R-404A	3.150	4.340	4.850	5.340
Heatcraft	MH*050H2	5	35	R-404A	3.132	4.158	5.431	7.014
Elgin	UCB 5 500	5	35	HP-81 / R-404A	4.408	5.691	6.974	8.472
Danfoss	HGM 080	7	35	R-22	-	-	5.979	7.957
Danfoss	HGZ 080	7	35	R-404A	4.022	5.606	7.216	9.025
Danfoss	LGZ 050	5	35	R-404A	3.800	4.864	6.083	-

Nota> Todas as capacidades frigoríficas desta tabela foram baseadas nos catálogos dos fabricantes.

Danfoss > Compact line 10/2002 / Blue Star 08/2002

Heatcraft> Unidade Condensadora 1/2 - 6 HP - MKT-UC HTS - 2001

Embraco > Unidade Condensadora Embraco Aspera 1/1/2 - 5 HP - 09/2003 - Versão 00

Elgin S/A. - Divisão Refrigeração - Fone: (11) 3225-5900/site: www.elgin.com.br/e-mail: hpina@elgin.com.br
Eng. responsável: Henrique dos Santos Pina - Supervisor da Engenharia de Aplicação