

[illegible]

F	(Sat Temp 49.7 F)				(Sat Temp 55.1 F)				(Sat Temp 60.3 F)				(Sat Temp 65.1 F)				(Sat Temp 69.8 F)			
	100	150	200	250	100	150	200	250	100	150	200	250	100	150	200	250	100	150	200	250
100	0.1568	...	0.3047	...	0.1453	148.8	0.2994	...	0.1320	...	0.2923	...	0.1196	145.0	0.2889	...	0.1089	...	0.2830	...
150	0.1978	...	...	0.3312	1760	187.7	0.3284	1615	...	...	...	0.3214	1485	2.3	0.3169	1373	...	...	0.3124	...
200	0.2178	...	...	0.3541	...	2000	183.7	0.3496	1548	...	...	0.3430	1712	181.9	0.3400	1594	...	...	0.3362	...
250	0.2350	...	...	0.3747	...	2239	370.5	0.3705	...	...	...	0.3662	1820	162.4	0.3624	1624	...	...	0.3587	...
300	0.2501	...	...	0.3934	0.2457	208.2	0.3295	...	0.2291	...	0.3554	...	0.2126	306.8	0.3619	1190	...	...	0.3783	...
350	0.2681	...	...	0.4106	2064	221.3	0.4069	2478	...	...	0.4030	2311	220.1	0.3997	2100	...	...	...	0.3968	...
400	0.3094	...	...	0.4256	2264	236.4	0.4278	2664	...	...	0.4140	2439	233.2	0.4158	2233	...	...	...	0.4129	...
450	0.3322	...	...	0.4410	2477	247.6	0.4378	2855	...	...	0.4291	2467	246.7	0.4310	2518	...	...	...	0.4278	...

Temp F	Abs Pressure 900 psi (Sat Temp 74.2 F)				Abs Pressure 950 psi (Sat Temp 78.4 F)				Abs Pressure 1000 psi (Sat Temp 82.5 F)				Abs Pressure 1100 psi				Abs Pressure 1200 psi			
	100	150	200	250	100	150	200	250	100	150	200	250	100	150	200	250	100	150	200	250
100	0.1000	141.3	0.2788	...	0.1183	...	0.3039	...	0.1101	160.2	0.2996	...	0.1104	177.4	0.3183	...	0.1043	175.5	0.3121	...
150	0.1273	162.7	0.3079	...	0.1329	...	0.3273	...	0.1234	169.4	0.3250	...	0.1234	188.4	0.3413	...	0.1208	186.7	0.3359	...
200	0.1480	182.3	0.3377	...	0.1538	...	0.3512	...	0.1497	190.1	0.3475	...	0.1497	207.1	0.3675	...	0.1473	205.3	0.3607	...
250	0.1689	205.3	0.3748	...	0.1761	...	0.3715	...	0.1653	203.9	0.3681	...	0.1653	222.2	0.3922	...	0.1656	201.0	0.3857	...
300	0.2337	218.9	0.3930	...	0.2273	...	0.3896	...	0.2189	217.7	0.3867	...	0.2189	246.5	0.4168	...	0.2183	215.3	0.4101	...
350	0.2198	232.3	0.4053	...	0.2089	...	0.4086	...	0.2089	234.8	0.4058	...	0.2089	261.2	0.4383	...	0.2089	232.3	0.4316	...
400	0.2372	245.9	0.4249	...	0.2243	...	0.4221	...	0.2210	246.0	0.4193	...	0.2210	277.8	0.4612	...	0.2210	245.9	0.4545	...

Temp F	Pressure		Volume cu ft/lb	Density lb/cu ft	Enthalpy** Btu/lb	Entropy** Btu/(lb °R)	Temp F	Pressure		Volume cu ft/lb	Density lb/cu ft	Enthalpy** Btu/lb	Entropy** Btu/(lb °R)	Temp F	Pressure		Volume cu ft/lb	Density lb/cu ft	Enthalpy** Btu/lb	Entropy** Btu/(lb °R)
	psia	psig	Vapor v_g	Liquid v_f	Vapor h_g	Liquid h_f		psia	psig	Vapor v_g	Liquid v_f	Vapor h_g	Liquid h_f		psia	psig	Vapor v_g	Liquid v_f	Vapor h_g	Liquid h_f
-40	3.183	23.13*	22.42	95.79	0.00	175.81	0.00000	0.42562	30	21.70	7.00	3.851	89.77	22.64	155.02	0.04936	0.8811	155.02	0.04936	
-30	3.836	23.50*	16.46	96.47	-2.93	179.90	0.00074	0.41864	31	22.20	7.60	3.803	89.99	22.68	153.07	0.05028	0.8807	153.07	0.05028	
-20	4.532	24.17*	12.50	96.82	-5.16	181.61	0.00161	0.41361	32	22.70	8.20	3.755	90.21	22.72	151.12	0.05120	0.8803	151.12	0.05120	
-10	7.983	31.93*	9.44	93.28	9.16	182.13	0.02073	0.40544	33	23.23	8.83	3.707	90.43	23.26	149.16	0.05212	0.8799	149.16	0.05212	
0	10.85	38.10*	7.22	92.42	12.44	182.07	0.02795	0.40171	34	23.75	9.45	3.659	90.67	23.78	147.21	0.05304	0.8795	147.21	0.05304	
10	13.85	44.30*	5.71	91.57	15.72	181.98	0.03496	0.39844	35	24.28	10.08	3.611	90.91	24.31	145.26	0.05396	0.8791	145.26	0.05396	
20	16.60	49.60*	4.64	90.68	18.78	181.81	0.04184	0.39567	40	27.10	12.40	3.487	89.81	26.12	133.37	0.05668	0.8774	133.37	0.05668	
30	19.00	54.30*	3.82	89.75	21.61	181.57	0.04857	0.39324	50	31.70	17.00	3.285	88.79	29.61	118.07	0.05940	0.8756	118.07	0.05940	
40	21.2	58.2*	3.26	89.06	24.13	181.27	0.05547	0.39147	60	33.45	18.75	3.245	87.77	31.61	106.60	0.06070	0.8749	106.60	0.06070	
50	23.75	62.75*	2.82	88.51	26.32	180.93	0.06253	0.38926	70	37.05	22.35	3.124	87.41	33.36	95.00	0.06195	0.8742	95.00	0.06195	
60	26.5	67.5*	2.48	88.07	28.20	180.56	0.06976	0.38726	80	40.93	26.23	2.998	86.99	35.10	83.59	0.06310	0.8735	83.59	0.06310	
70	29.5	72.5*	2.22	87.72	29.81	180.17	0.07707	0.38546	90	45.13	30.68	2.869	86.53	36.84	72.47	0.06416	0.8728	72.47	0.06416	
80	32.7	77.7*	2.02	87.45	31.18	179.77	0.08436	0.38384	100	49.67	35.72	2.738	86.04	38.58	61.94	0.06513	0.8721	61.94	0.06513	
90	36.2	83.2*	1.85	87.24	32.36	179.36	0.09163	0.38239	110	54.45	41.05	2.606	85.53	40.32	51.43	0.06602	0.8714	51.43	0.06602	
100	40.0	89.0*	1.71	87.08	33.48	178.93	0.09890	0.38109	120	59.47	46.72	2.474	85.01	42.06	41.92	0.06683	0.8707	41.92	0.06683	
110	45.2	95.2*	1.58	86.96	34.55	178.48	0.10617	0.38000	130	64.74	52.84	2.342	84.48	43.80	33.41	0.06756	0.8700	33.41	0.06756	
120	50.8	101.8*	1.46	86.88	35.58	178.02	0.11344	0.37900	140	70.25	59.35	2.210	83.94	45.62	25.90	0.06821	0.8693	25.90	0.06821	
130	56.8	108.8*	1.35	86.83	36.57	177.55	0.12071													

* Inches of mercury below one standard atmosphere. ** Based on 0 for the saturated liquid at -40 F. † Standard cycle temperatures.

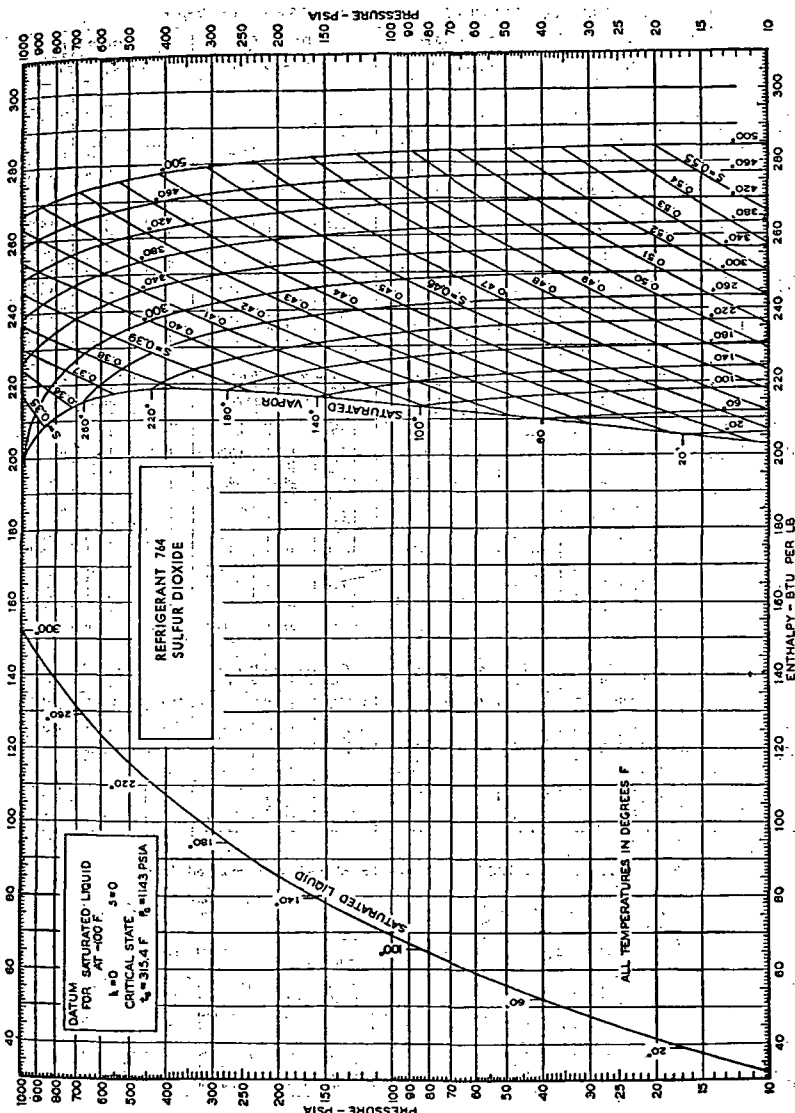


Fig. 14 . . . Pressure-Enthalpy Diagram for Refrigerant 764

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