

Таблица 5.14. Термодинамические свойства фреона 23 в однофазной области

Т	p=0.1				p=0.5				p=1			
	ρ	h	s	c_p	ρ	h	s	c_p	ρ	h	s	c_p
233.15	3.68	453.0	3.521	0.663	20.05	444.8	3.304	0.774	1265.27	248.5	2.423	0.824
253.15	3.37	466.6	3.582	0.683	17.92	460.3	3.373	0.757	39.32	451.2	3.263	0/890
273.15	3.12	480.8	3.641	0.706	16.29	457.7	3.436	0.759	34.73	468.7	3.335	0.843
293.15	2.90	495.3	3.695	0.731	14.98	491.2	3.494	0.770	31.39	485.6	3.397	0.828
313.15	2.71	510.3	3.746	0.758	13.89	506.8	3.547	0.788	28.78	502.3	3.454	0.830
333.15	2.54	525.8	3.795	0.785	12.97	522.9	3.597	0.808	26.65	519.0	3.506	0.840
353.15	2.39	541.8	3.841	0.812	12.17	539.2	3.645	0.831	24.87	536.0	3.556	0.856
373.15	2.26	558.3	3.886	0.839	11.47	566.1	3.691	0.854	23.35	553.2	3.603	0.874
393.15	2.15	575.3	3.930	0.866	10.86	573.3	3.735	0.878	22.02	570.9	3.648	0.894
413.15	2.04	592.8	3.973	0.891	10.31	591.1	3.779	0.901	20.85	588.9	3.693	0.915
433.15	1.95	610.9	4.016	0.916	9.81	609.3	3.822	0.924	19.81	607.4	3.736	0.935
453.15	1.86	629.4	4.057	0.940	9.36	628.0	3.864	0.947	18.87	626.2	3.779	0.956
Т	p=2				p=5				p=10			
	ρ	h	s	c_p	ρ	h	s	c_p	ρ	h	s	c_p
233.15	1270.62	248.6	2.420	0.810	1285.44	249.1	2.412	0.774	1306.92	250.2	2.400	0.727
253.15	1168.15	270.7	2.516	1.338	1191.82	270.3	2.504	1.268	1223.30	270.2	2.488	1.195
273.15	82.70	451.5	3.204	1.149	1071.93	299.2	2.619	1.604	1125.17	296.9	2.594	1.431
293.15	70.31	472.9	3.282	0.996	878.15	337.8	2.758	2.544	1005.71	327.7	2.706	1.641
313.15	62.38	492.2	3.348	0.939	235.67	448.1	3.125	2.041	844.82	364.0	2.827	2.026
333.15	56.60	510.8	3.406	0.917	180.41	480.3	3.225	1.359	615.68	410.3	2.971	2.499
353.15	52.09	529.1	3.459	0.913	153.90	505.3	3.298	1.175	433.51	455.7	3.103	1.973
373.15	48.41	547.4	3.509	0.918	136.81	527.9	3.360	1.096	342.85	490.6	3.199	1.560
393.15	45.33	565.8	3.556	0.929	124.38	549.4	3.416	1.059	291.42	519.5	3.274	1.359
413.15	42.68	584.4	3.602	0.943	114.71	570.3	3.467	1.043	257.55	545.5	3.338	1.254
433.15	40.37	603.4	3.647	0.959	106.86	591.1	3.516	1.038	233.03	569.8	3.395	1.195
453.15	38.33	622.7	3.690	0.975	100.28	611.8	3.563	1.040	214.14	593.4	3.448	1.162

продолжение табл.5.14.

p=20				
233.15	1341.95	253.0	2.380	0.661
253.15	1270.25	271.5	2.461	1.112
273.15	1191.97	296.2	2.560	1.299
293.15	1107.56	323.3	2.659	1.387
313.15	1016.11	351.8	2.754	1.455
333.15	917.23	381.7	2.847	1.525
353.15	813.57	412.8	2.938	1.581
373.15	712.42	444.6	3.025	1.590
393.15	622.74	476.0	3.106	1.545
413.15	549.13	506.1	3.181	1.472
433.15	490.81	534.8	3.248	1.401
453.15	444.71	562.1	3.310	1.343