

Таблица 9.1а. Термодинамические свойства ртути на линии насыщения.

t	T	p_s	V'	V''	H'	H''	r	S'	S''
200	473.15	2.2995e-03	7.4035	8.527	70.6	370.8	300.2	0.4420	1.0765
250	523.15	9.8991e-03	7.4060	2.189	77.4	376.0	298.6	0.4556	1.0264
300	573.15	3.2840e-02	7.4136	0.7224	84.2	381.1	297.0	0.4679	0.9861
350	623.15	8.9475e-02	7.4322	0.2878	90.9	386.2	295.2	0.4793	0.9531
400	673.15	2.0939e-01	7.4710	0.1325	97.7	391.1	293.4	0.4898	0.9256
450	723.15	4.3473e-01	7.5414	0.06830	104.6	396.0	291.4	0.4996	0.9025
500	773.15	8.2020e-01	7.6547	0.03849	111.5	400.6	289.1	0.5088	0.8828
550	823.15	1.4319e+00	7.8169	0.02330	118.5	405.1	286.5	0.5175	0.8656
600	873.15	2.3459e+00	8.0225	0.01494	125.7	409.3	283.6	0.5259	0.8507
650	923.15	3.6455e+00	8.2491	0.01005	132.9	413.1	280.2	0.5338	0.8374
700	973.15	5.4204e+00	8.4578	0.007030	140.4	416.7	276.3	0.5415	0.8254
750	1023.15	7.7642e+00	8.6047	0.005078	148.0	419.8	271.8	0.5490	0.8146
800	1073.15	1.0774e+01	8.6659	0.003768	155.8	422.5	266.7	0.5562	0.8047
850	1123.15	1.4549e+01	8.6704	0.002860	163.9	424.7	260.9	0.5632	0.7955
900	1173.15	1.9190e+01	8.7197	0.002213	172.2	426.5	254.2	0.5701	0.7868
950	1223.15	2.4800e+01	8.9644	0.001739	180.9	427.6	246.8	0.5769	0.7786

1000	1273.15	3.1484e+01	9.5114	0.001386	189.8	428.2	238.4	0.5836	0.7708
1050	1323.15	3.9346e+01	10.2778	0.001117	199.2	428.1	228.9	0.5902	0.7632
1100	1373.15	4.8492e+01	10.8916	0.0009084	208.9	427.3	218.4	0.5967	0.7558
1150	1423.15	5.9021e+01	10.8250	0.0007450	219.0	425.7	206.6	0.6032	0.7484
1200	1473.15	7.1024e+01	9.9120	0.0006157	229.6	423.3	193.7	0.6097	0.7412
1250	1523.15	8.4564e+01	9.0229	0.0005130	240.6	420.1	179.5	0.6161	0.7340
1300	1573.15	9.9657e+01	9.8838	0.0004319	252.1	416.4	164.2	0.6226	0.7270
1350	1623.15	1.1623e+02	12.6831	0.0003691	264.2	412.5	148.4	0.6290	0.7204
1400	1673.15	1.3409e+02	13.1552	0.0003223	276.7	409.3	132.6	0.6355	0.7147
1450	1723.15	1.5291e+02	10.9052	0.0002890	289.8	407.3	117.6	0.6420	0.7102

Единицы измерения: $t(^{\circ}\text{C})$, $T(\text{K})$, $p_s(\text{МПа})$, $V'(10^{-5} \text{ м}^3 \text{ кг}^{-1})$, $V''(\text{м}^3 \text{ кг}^{-1})$, h' , h'' , $r(\text{кДж кг}^{-1})$, s' и $s''(\text{кДж кг}^{-1} \text{ К}^{-1})$