

Температурный график системы отопления жилого дома после теплового пункта

(в соответствии с Правилами и нормами технической эксплуатации жилищного фонда, утвержденными Постановлением Госстроя РФ от 27.09.2003 №170)

Текущая температура наружного воздуха, °С	Конструкция отопительного прибора									
	радиаторы					конвекторы				
	схема подачи воды в прибор									
	"снизу – вниз"		"снизу – вверх"		"сверху - вниз"		К.П.		Комфорт	
	подающий	обратный	подающий	обратный	подающий	обратный	подающий	обратный	подающий	обратный
1	2	3	4	5	6	7	8	9	10	11
РАСЧЕТНАЯ ТЕМПЕРАТУРА НАРУЖНОГО ВОЗДУХА -15 °С										
10	30/32	28	32/34	29	33/35	31	31/33	29	33/36	32
9	33/35	30	35/37	32	37/39	33	34/36	31	38/41	35
8	36/38	32	38/40	34	40/42	35	37/40	33	42/45	37
7	39/41	34	41/44	36	43/46	37	40/43	35	45/48	39
6	42/45	35	44/47	38	45/49	39	43/36	37	47/51	41
5	44/48	37	46/50	39	48/52	41	47/49	39	50/54	43
4	47/51	39	49/53	41	51/55	43	48/52	40	53/57	45
3	50/54	41	52/56	43	53/58	45	51/55	42	55/60	47
2	52/57	43	54/59	45	56/61	46	54/58	44	59/63	48
1	53/58	44	57/62	46	58/64	48	56/61	46	60/66	50
0	57/62	46	59/65	48	61/66	49	59/64	47	63/68	51
-1	60/65	48	63/67	50	63/69	51	61/67	49	65/71	53
-2	63/68	49	64/70	51	66/72	53	64/69	50	67/74	54
-3	65/71	51	67/73	53	69/75	54	66/72	52	70/76	55
-4	68/74	53	69/76	54	70/77	55	69/75	54	72/79	57
-5	70/77	54	72/78	56	73/80	57	71/78	55	74/81	58
-6	73/78	56	74/81	57	75/82	58	73/81	57	76/84	59
-7	75/82	57	76/84	59	77/85	60	76/83	58	78/86	61
-8	78/85	59	79/87	60	78/88	61	78/86	60	81/89	62
-9	80/88	61	81/89	62	83/90	62	81/89	61	83/91	63
-10	83/91	62	83/92	63	84/93	64	83/92	63	85/92	64
-11	85/94	64	86/96	64	86/95	65	86/94	64	87/96	65
-12	88/97	65	88/97	66	88/96	66	89/97	66	89/98	67
-13	90/99	67	90/100	67	91/100	67	90/100	67	91/100	68
-14	93/102	68	93/102	69	93/103	69	93/102	69	93/103	69
-15	95/105	70	95/105	70	95/105	70	95/105	70	95/105	70
РАСЧЕТНАЯ ТЕМПЕРАТУРА НАРУЖНОГО ВОЗДУХА -20 °С										
10	29/30	27	30/32	28	32/33	29	30/31	28	33/35	31
9	31/33	28	33/35	30	34/36	32	32/34	30	36/38	33
8	35/36	30	36/38	32	37/39	33	35/37	31	39/42	35
7	36/38	32	38/40	34	40/42	35	37/40	33	42/45	37
6	38/41	33	40/43	35	42/45	37	40/42	35	44/47	39
5	41/44	35	43/46	37	45/48	39	42/45	36	47/50	41
4	43/46	37	45/49	39	47/50	40	44/48	38	49/53	42
3	45/49	38	47/51	40	49/53	42	47/50	39	51/55	44
2	48/51	40	50/54	42	51/56	43	49/53	41	53/58	45
1	50/54	41	52/56	43	54/58	45	51/55	42	56/60	47
0	52/56	43	54/47	45	56/61	46	53/58	44	58/63	48
-1	54/59	44	56/61	46	58/63	48	55/60	45	60/65	49
-2	56/61	45	58/63	47	60/65	49	58/63	47	62/67	51
-3	59/64	47	61/66	49	62/68	50	60/65	48	64/70	52
-4	61/66	48	63/68	50	64/70	51	62/68	49	66/72	53
-5	63/69	50	65/71	51	66/72	53	64/70	51	68/75	54
-6	65/71	51	67/73	53	68/75	54	66/72	52	70/76	55
-7	67/74	52	69/75	54	70/77	55	68/75	53	72/78	57
-8	69/76	54	71/78	55	72/79	56	70/77	55	73/81	58
-9	72/78	55	73/80	57	74/81	58	72/79	56	75/83	59

-10	74/81	57	74/82	58	76/83	59	75/82	57	77/85	60
-11	76/83	58	77/85	59	78/86	60	77/84	59	79/87	61
-12	78/86	59	79/87	60	80/88	61	79/86	60	81/89	62
-13	80/88	61	81/89	62	82/90	62	81/89	61	83/91	63
-14	82/90	62	83/91	63	84/92	63	83/91	63	84/93	64
-15	84/93	63	85/94	64	86/94	65	85/93	64	86/95	65
-16	86/95	65	87/96	65	88/97	66	87/96	65	88/97	66
-17	89/98	66	89/98	66	89/99	67	89/98	66	90/99	67
-18	91/100	67	91/100	68	91/101	68	91/100	68	92/102	68
-19	93/103	69	93/103	69	93/103	69	93/103	69	93/103	69
-20	95/105	70	95/105	70	95/105	70	95/105	70	95/105	70
РАСЧЕТНАЯ ТЕМПЕРАТУРА НАРУЖНОГО ВОЗДУХА -25 °С										
10	28/29	26	29/30	27	30/32	28	28/30	27	32/33	30
9	30/31	27	31/33	29	33/35	30	31/32	28	34/36	32
8	32/34	29	34/36	31	35/37	32	33/35	30	37/39	34
7	34/36	30	36/38	32	37/40	34	35/37	31	39/42	36
6	36/38	32	38/40	34	40/42	35	37/40	33	42/44	37
5	38/41	33	40/43	35	42/45	37	39/42	34	44/47	39
4	40/43	35	42/45	37	44/47	38	41/44	36	46/49	40
3	42/45	36	44/47	38	46/49	40	43/47	37	48/52	42
2	44/47	37	46/50	39	48/52	41	45/49	38	50/54	43
1	46/50	39	48/52	41	50/54	42	47/51	40	52/56	44
0	49/52	40	50/54	42	52/56	44	49/53	41	54/58	45
-1	50/54	41	52/56	43	54/58	45	51/55	42	57/60	47
-2	52/56	42	54/58	44	56/60	46	53/58	44	57/62	48
-3	54/58	44	56/61	45	57/62	47	55/60	45	59/65	49
-4	56/60	45	58/63	47	59/64	48	57/62	46	61/67	50
-5	58/63	46	59/65	48	61/66	50	59/64	47	63/69	51
-6	59/65	47	62/67	49	63/69	51	61/66	49	65/70	52
-7	61/67	49	63/69	50	65/70	52	62/68	50	66/72	53
-8	63/69	50	65/71	52	66/73	53	64/70	51	68/74	54
-9	65/71	51	67/73	53	68/75	54	66/72	52	70/76	55
-10	67/73	52	69/75	54	70/76	55	68/74	53	71/78	56
-11	69/75	53	70/77	55	72/78	56	70/76	54	73/80	57
-12	71/77	55	72/79	56	73/80	57	72/78	56	75/82	58
-13	73/80	56	74/81	57	75/82	58	73/81	57	76/84	59
-14	74/82	57	76/83	58	77/84	59	75/83	58	78/86	60
-15	76/84	58	77/85	59	78/86	60	77/85	59	79/87	61
-16	78/86	59	79/87	60	80/88	61	79/87	60	81/89	62
-17	80/88	61	81/89	62	82/90	62	81/89	61	87/91	63
-18	82/90	62	83/91	63	83/92	63	82/91	62	84/93	64
-19	84/92	63	84/93	64	85/94	64	84/83	63	86/95	65
-20	86/94	64	86/95	65	87/97	65	86/95	65	87/96	66
-21	87/96	65	88/97	66	88/98	66	88/97	66	89/98	67
-22	89/99	66	90/99	67	90/99	67	90/99	67	90/100	67
-23	91/100	68	92/101	68	92/101	68	91/101	68	92/102	68
-24	93/103	69	93/103	69	93/103	69	93/103	69	93/103	69
-25	95/105	70	95/105	70	95/105	70	95/105	70	95/105	70
РАСЧЕТНАЯ ТЕМПЕРАТУРА НАРУЖНОГО ВОЗДУХА -30 °С										
10	27/27	25	28/29	26	29/30	28	28/29	26	31/32	29
9	29/30	27	30/32	28	31/33	29	30/31	27	33/35	31
8	31/32	28	32/34	30	34/35	31	32/33	29	35/37	33
7	32/34	29	34/36	31	36/38	32	34/35	30	38/40	34
6	34/36	30	36/38	32	38/40	34	35/37	32	40/42	36
5	36/38	32	38/40	34	40/42	35	37/40	33	42/44	37
4	38/40	33	40/42	35	41/44	37	39/42	34	43/47	38
3	40/42	34	42/45	36	43/46	38	41/44	35	45/49	40
2	41/44	35	43/47	37	45/48	39	43/46	37	47/51	41
1	43/46	36	45/49	39	47/50	40	44/48	38	49/53	42
0	45/48	38	47/50	40	49/52	41	46/50	39	51/55	43
-1	47/50	39	49/52	41	50/54	43	48/52	40	52/57	45
-2	48/52	40	50/54	42	52/56	44	50/53	41	54/59	46
-3	50/54	41	52/56	43	54/58	45	51/55	42	56/60	47
-4	52/56	42	54/58	44	55/60	46	53/57	44	57/62	48
-5	53/58	43	55/60	45	57/62	47	55/59	45	59/64	49

-6	55/60	44	57/62	46	59/64	48	56/61	46	60/66	50
-7	57/62	45	59/64	47	60/66	49	58/63	47	62/68	51
-8	58/63	47	60/66	49	62/67	50	60/65	48	64/69	52
-9	60/65	48	62/67	50	63/69	51	61/67	49	65/71	53
-10	62/67	49	63/69	51	65/71	52	63/69	50	67/73	54
-11	63/69	50	65/71	52	66/73	53	64/70	51	68/75	54
-12	65/71	51	67/73	53	68/74	54	66/72	52	70/76	55
-13	67/73	52	68/75	54	70/76	55	68/74	53	71/78	56
-14	68/75	53	70/77	55	71/78	56	69/76	54	73/80	57
-15	70/77	54	71/78	56	73/80	57	71/78	55	74/81	58
-16	72/78	55	73/80	57	74/81	58	73/80	56	75/83	59
-17	73/80	56	75/82	58	76/83	59	74/81	57	77/84	60
-18	75/82	57	76/84	59	77/83	60	76/83	58	78/86	61
-19	77/84	58	78/85	60	79/87	59	77/85	59	80/88	61
-20	78/86	59	79/87	61	80/88	61	79/87	60	81/89	62
-21	80/88	61	81/89	62	82/90	62	81/89	61	84/91	63
-22	82/90	62	82/91	62	83/92	63	82/90	62	84/92	64
-23	83/92	63	84/93	63	85/93	64	84/92	63	85/94	65
-24	85/94	64	86/94	64	86/95	65	85/94	64	87/96	65
-25	87/95	65	87/96	65	88/97	66	87/96	65	88/97	66
-26	88/97	66	89/98	66	89/98	67	89/98	66	90/99	67
-27	90/99	67	90/100	67	91/100	67	90/100	67	91/100	68
-28	92/101	68	92/101	68	92/102	68	92/101	68	92/101	68
-29	93/103	69	93/103	69	94/103	69	93/103	69	94/103	69
-30	95/105	70	95/105	70	95/105	70	95/105	70	95/105	70
РАСЧЕТНАЯ ТЕМПЕРАТУРА НАРУЖНОГО ВОЗДУХА -35 °С										
10	26/27	25	27/28	26	28/29	27	27/28	25	30/31	28
9	28/29	26	29/30	27	30/32	29	29/30	27	32/34	30
8	29/31	27	31/33	29	32/34	30	30/32	28	34/36	32
7	31/33	28	33/35	30	34/36	31	32/34	29	36/38	33
6	33/35	29	35/37	31	36/38	33	34/36	31	38/40	35
5	34/36	31	36/38	32	38/40	34	36/38	32	40/42	36
4	36/38	32	38/40	34	40/42	35	37/40	33	41/44	37
3	38/40	33	40/42	35	41/44	36	39/41	34	43/46	38
2	39/42	34	41/44	36	43/46	38	40/43	35	45/48	39
1	41/44	35	43/46	37	44/48	39	42/45	36	46/50	41
0	42/45	36	44/48	38	46/50	40	44/47	37	48/52	42
-1	44/47	37	46/49	39	48/51	41	45/48	38	50/54	43
-2	45/49	38	47/51	40	49/53	42	47/50	39	51/55	44
-3	47/50	39	49/53	41	51/55	43	48/52	40	53/57	45
-4	48/52	40	50/55	42	52/56	44	50/54	41	54/59	46
-5	50/54	41	52/56	43	54/58	45	52/55	42	56/60	47
-6	51/56	42	53/58	44	55/60	46	53/57	43	57/62	48
-7	53/57	43	55/60	45	57/61	47	54/59	44	58/64	49
-8	54/59	44	56/61	46	58/63	48	56/60	45	60/65	49
-9	56/61	45	58/63	47	59/65	49	57/62	46	61/67	50
-10	57/62	46	59/65	48	61/66	49	59/64	47	63/68	51
-11	59/64	47	61/66	49	62/68	50	60/65	48	64/70	52
-12	60/66	48	62/68	50	64/70	51	62/67	49	65/71	53
-13	62/67	49	64/70	51	65/71	52	63/69	50	67/73	54
-14	63/69	50	65/71	52	67/73	53	64/70	51	68/75	55
-15	65/71	51	67/73	53	68/74	54	66/72	52	69/76	55
-16	66/73	52	68/74	53	69/76	55	67/74	53	71/78	56
-17	68/74	53	69/76	54	71/77	56	69/75	54	72/79	57
-18	69/76	54	71/78	55	72/79	56	70/77	55	73/81	58
-19	71/78	55	72/79	56	73/81	57	72/79	56	75/82	58
-20	72/79	56	74/81	57	75/82	58	73/80	57	76/83	59
-21	74/81	57	75/83	58	76/84	59	75/82	57	77/85	60
-22	75/83	58	77/84	59	78/85	60	76/84	58	79/86	61
-23	77/84	59	78/86	60	79/87	61	78/85	59	80/88	61
-24	78/86	60	79/87	61	80/88	61	79/87	60	81/89	62
-25	80/88	60	81/89	61	82/90	62	80/89	61	82/91	63
-26	81/89	61	82/91	62	83/91	63	82/90	62	84/92	64
-27	83/91	62	84/92	63	84/93	64	83/92	63	85/94	64
-28	84/93	63	85/94	64	86/94	65	85/93	64	86/95	65

-29	86/95	64	86/95	65	87/96	65	86/95	65	87/96	66
-30	87/96	65	88/97	66	88/97	66	88/97	66	89/98	67
-31	89/98	66	89/99	67	89/99	67	89/98	66	90/99	67
-32	90/100	67	91/100	67	91/100	68	91/100	67	91/101	68
-33	92/102	68	92/102	68	92/102	68	92/102	68	93/102	69
-34	93/103	69	94/103	69	94/103	69	94/103	69	94/104	69
-35	95/105	70	95/105	70	95/105	70	95/105	70	95/105	70
РАСЧЕТНАЯ ТЕМПЕРАТУРА НАРУЖНОГО ВОЗДУХА -40 °С										
10	25/26	24	27/27	25	28/29	27	26/27	25	29/33	28
9	27/28	25	28/29	26	30/31	28	28/29	26	31/33	29
8	29/30	26	30/31	28	31/33	29	29/31	27	33/35	31
7	30/31	28	32/33	29	33/35	31	31/33	29	35/37	32
6	32/33	29	33/35	30	35/37	32	33/34	30	37/39	34
5	33/35	30	35/37	31	36/39	33	34/36	31	38/41	35
4	35/36	31	36/39	33	38/40	34	36/38	32	40/43	36
3	36/38	32	38/40	34	39/42	35	37/39	33	41/44	37
2	37/40	33	39/42	35	41/44	36	39/41	34	43/46	38
1	39/41	34	41/44	36	42/45	37	40/43	35	44/48	39
0	40/43	35	42/45	37	44/47	38	41/44	36	46/49	40
-1	42/44	36	44/47	38	45/49	39	43/46	37	47/51	41
-2	43/46	36	45/48	38	47/50	40	44/47	38	49/53	42
-3	44/48	37	46/50	39	48/52	41	46/49	39	50/54	43
-4	45/49	38	48/52	40	50/53	42	47/50	40	52/56	44
-5	47/51	39	49/53	41	51/55	43	48/52	41	53/57	45
-6	48/52	40	51/55	42	52/57	44	50/54	41	54/59	46
-7	50/54	41	52/56	43	54/58	45	51/55	42	56/60	47
-8	51/55	42	53/58	44	55/60	46	52/57	43	57/62	47
-9	53/57	43	55/59	45	56/61	46	54/58	44	58/63	48
-10	54/58	44	56/61	46	58/62	47	55/60	45	59/65	49
-11	55/60	45	57/62	47	59/64	48	57/61	46	61/66	50
-12	57/62	46	59/64	47	60/65	49	58/63	47	62/68	51
-13	58/63	46	60/65	48	61/67	50	59/64	48	63/68	51
-14	59/65	47	61/67	49	63/68	51	61/66	48	64/70	52
-15	61/66	48	63/68	50	64/70	51	62/67	49	66/72	53
-16	62/68	49	64/70	51	65/71	52	63/69	50	67/73	54
-17	63/70	50	65/71	52	67/73	53	64/70	51	68/75	55
-18	65/71	51	66/73	52	68/74	54	66/72	52	69/76	55
-19	66/72	52	68/74	53	69/76	55	67/73	53	71/77	56
-20	67/74	53	69/76	54	70/77	55	68/75	54	72/79	57
-21	69/75	53	70/77	55	72/78	56	70/76	54	73/80	57
-22	70/77	54	72/79	56	73/80	57	71/78	55	74/81	58
-23	71/78	55	73/80	57	74/81	58	72/79	56	75/83	59
-24	73/80	56	74/81	57	75/83	58	74/81	57	76/84	60
-25	74/81	57	76/83	58	77/84	59	75/84	58	78/85	60
-26	76/83	58	77/84	59	78/85	60	76/84	59	79/87	61
-27	77/85	59	78/86	60	79/87	61	78/85	59	80/88	62
-28	78/86	60	79/87	61	80/88	61	79/87	60	81/89	62
-29	80/88	60	81/89	61	82/90	62	80/88	61	82/91	63
-30	81/89	61	82/90	62	83/91	63	82/90	62	83/92	64
-31	82/91	62	83/92	63	84/92	64	83/92	63	85/93	64
-32	84/92	63	85/93	64	85/94	64	84/93	63	86/95	65
-33	85/94	64	86/95	65	86/95	65	86/94	64	87/96	66
-34	87/95	65	87/96	65	88/97	66	87/96	65	88/97	66
-35	88/97	66	88/98	66	89/98	66	88/97	66	89/99	67
-36	89/99	66	90/99	67	90/99	67	90/99	67	90/100	67
-37	91/100	67	91/101	68	91/100	68	91/100	68	92/101	68
-38	92/102	68	92/102	68	93/102	69	92/102	68	93/102	69
-39	94/103	69	94/104	69	94/104	69	94/103	69	94/104	69
-40	95/105	70	95/105	70	95/105	70	95/105	70	95/105	70