

НОМЕР АБОНЕНТА:
АДРЕС УСТАНОВКИ:

ООО "ЖК - Строймонтавтоматика"
Южный Рядумская д 18

Подсистема Система 1

ТСН-104 Баз. N 1551476

61 Д/50 0,150 - 60,00 нЗ/ч
62 Д/50 0,150 - 60,00 нЗ/ч
Q = MI(tn - to)

БЕДНОСТЬ УЧЕТА ПАРАМЕТРОВ ТЕПЛОПОТРЕБЛЕНИЯ
за период с 21/01/23 по 20/02/23

| DATA дд/мм/гг | Q Гкал | M1 т | M2 т | M1-M2 т | Tn С | To С | Pn МПа | Po МПа | Tнар,ч час |
|------------------|-----------|---------|---------|------------|---------|---------|-----------|-----------|---------------|
| 21/01/23 | 6.185 | 168.32 | 161.97 | +6.36 | 85.92 | 49.28 | 0.91 | 0.51 | 24.00 |
| 22/01/23 | 7.080 | 199.81 | 193.36 | +6.46 | 84.89 | 51.57 | 0.91 | 0.51 | 24.00 |
| 23/01/23 | 6.847 | 178.74 | 172.30 | +6.23 | 89.28 | 51.09 | 0.91 | 0.51 | 24.00 |
| 24/01/23 | 6.735 | 175.59 | 169.36 | +6.24 | 89.47 | 51.23 | 0.91 | 0.51 | 24.00 |
| 25/01/23 | 6.577 | 169.09 | 162.87 | +6.22 | 89.03 | 50.25 | 0.91 | 0.51 | 24.00 |
| 26/01/23 | 6.856 | 179.81 | 173.48 | +6.33 | 89.21 | 51.21 | 0.91 | 0.51 | 24.00 |
| 27/01/23 | 6.926 | 181.03 | 174.74 | +6.29 | 89.52 | 51.37 | 0.91 | 0.51 | 24.00 |
| ИТОГО: | 47.21 | 1232.4 | 1208.3 | +44.1 | 88.46 | 50.89 | 0.91 | 0.51 | 168.0 |
| 28/01/23 | 6.958 | 180.67 | 174.39 | +6.28 | 90.01 | 51.62 | 0.91 | 0.51 | 24.00 |
| 29/01/23 | 6.990 | 184.33 | 177.95 | +6.38 | 89.19 | 51.39 | 0.91 | 0.51 | 24.00 |
| 30/01/23 | 6.834 | 183.62 | 177.22 | +6.40 | 88.56 | 51.47 | 0.91 | 0.51 | 24.00 |
| 31/01/23 | 6.489 | 171.10 | 164.82 | +6.28 | 88.36 | 50.54 | 0.91 | 0.51 | 24.00 |
| 01/02/23 | 6.091 | 160.25 | 153.99 | +6.25 | 87.74 | 49.91 | 0.91 | 0.51 | 24.00 |
| 02/02/23 | 6.179 | 167.12 | 160.87 | +6.25 | 87.55 | 50.69 | 0.91 | 0.51 | 24.00 |
| 03/02/23 | 5.880 | 162.87 | 156.67 | +6.20 | 86.35 | 50.36 | 0.91 | 0.51 | 24.00 |
| ИТОГО: | 45.41 | 1210.0 | 1165.9 | +44.0 | 88.30 | 50.89 | 0.91 | 0.51 | 168.0 |
| 04/02/23 | 6.272 | 170.03 | 163.65 | +6.38 | 87.07 | 50.29 | 0.91 | 0.51 | 24.00 |
| 05/02/23 | 7.073 | 191.77 | 185.32 | +6.45 | 88.52 | 51.75 | 0.91 | 0.51 | 24.00 |
| 06/02/23 | 7.318 | 205.41 | 199.00 | +6.40 | 88.67 | 53.16 | 0.91 | 0.51 | 24.00 |
| 07/02/23 | 7.530 | 205.93 | 199.55 | +6.37 | 90.41 | 53.96 | 0.91 | 0.51 | 24.00 |
| 08/02/23 | 7.524 | 205.67 | 199.28 | +6.40 | 90.17 | 53.70 | 0.91 | 0.51 | 24.00 |
| 09/02/23 | 6.594 | 175.67 | 169.46 | +6.21 | 88.54 | 51.12 | 0.91 | 0.51 | 24.00 |
| 10/02/23 | 3.921 | 107.98 | 104.21 | +3.75 | 87.85 | 51.65 | 0.91 | 0.51 | 14.32 |
| ИТОГО: | 46.23 | 1262.4 | 1220.5 | +42.0 | 88.87 | 52.37 | 0.91 | 0.51 | 158.3 |
| 11/02/23 | | | | | | | | | |
| 12/02/23 | | | | | | | | | |
| 13/02/23 | 4.112 | 102.42 | 98.56 | +3.87 | 89.23 | 49.20 | 0.91 | 0.51 | 14.89 |
| 14/02/23 | 6.117 | 161.84 | 155.63 | +6.21 | 87.61 | 49.92 | 0.91 | 0.51 | 24.00 |
| 15/02/23 | 7.100 | 198.04 | 191.66 | +6.37 | 88.72 | 52.99 | 0.91 | 0.51 | 24.00 |
| 16/02/23 | 7.333 | 194.95 | 188.64 | +6.31 | 90.53 | 53.04 | 0.91 | 0.51 | 24.00 |
| 17/02/23 | 8.184 | 227.47 | 220.67 | +6.79 | 92.29 | 56.44 | 0.91 | 0.51 | 24.00 |
| ИТОГО: | 32.85 | 884.7 | 855.2 | +29.6 | 89.89 | 52.90 | 0.91 | 0.51 | 110.9 |
| 18/02/23 | 8.451 | 246.40 | 239.43 | +6.97 | 91.38 | 57.21 | 0.91 | 0.51 | 24.00 |
| 19/02/23 | 8.074 | 220.60 | 214.06 | +6.54 | 91.55 | 55.07 | 0.91 | 0.51 | 24.00 |
| 20/02/23 | 7.709 | 209.19 | 202.83 | +6.36 | 91.39 | 54.66 | 0.91 | 0.51 | 24.00 |
| ИТОГО: | 24.24 | 676.2 | 656.3 | +19.9 | 91.44 | 55.72 | 0.91 | 0.51 | 72.0 |
| ИТОГО: | 195.93 | 5285.7 | 5106.1 | +179.6 | 89.14 | 52.20 | 0.91 | 0.51 | 677.2 |
| | | +179.55 | | -0 | 36.94 | | | | |

Общее время работы системы, ч = Tнар. + Tmin + Tmax + Tdtmin + Tтн.
744.00 677.20 0.00 0.00 0.00 66.80
Количество тепла, Гкал Q = Qт/с + Qmin + Qmax + Qш. + Qг/в + Qсан.ут.
= 195.93 + + + + +

| Показания интеграторов на | 20/01/23 24:00 | 20/02/23 24:00 | Разность | 21/02/23 09:07 |
|--|----------------|----------------|----------|----------------|
| Расход тепла Q, Гкал | 6998.750 | 7194.682 | 195.932 | 7197.692 |
| Расход теплоносителя M1, т | 218171.65 | 223457.33 | 5285.68 | 223545.08 |
| Расход теплоносителя M2, т | 219723.45 | 224929.57 | 5106.13 | 224914.85 |
| Время наработки Tнар, ч | 38534.46 | 39211.66 | 677.20 | 39220.72 |
| Время неработы Tнер = Tmax + Tmin + Tdt + Tтн, ч | | | 66.80 | |

вЗА.11

Подпись потребителя

В т.ч. сану = 320 ккал.ч.

Подпись поставщика