



Табличные расчеты - HI

Ввод

| | |
|--------------------------------------|-------------------------|
| Модель | HI101CC |
| Хладагент | R404A |
| Ссылка на темп-ру | Темп-ра точки росы |
| Температура всасывания | 20.0 °C |
| Темп-ра газа на выходе из испарителя | 20.0 °C |
| Переохлаждение жидкости | 0.0 K |
| Тип эл. соединения | 230 V / 3 / 50 Hz Delta |

Холодопроизв-ть - Произв-ть испарителя [W] @ 50.0 Hz

| | Te = -5.0 | Te = -10.0 | Te = -15.0 | Te = -20.0 | Te = -25.0 | Te = -30.0 | Te = -35.0 |
|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Tc = 20.0 | 5092 | 4214 | 3446 | 2781 | 2211 | 1728 | 1327 |
| Tc = 25.0 | 4746 | 3919 | 3196 | 2571 | 2035 | 1581 | 1202 |
| Tc = 30.0 | 4398 | 3622 | 2946 | 2361 | 1860 | 1435 | 1079 |
| Tc = 35.0 | 4048 | 3325 | 2695 | 2151 | 1685 | 1290 | 958 |
| Tc = 40.0 | 3698 | 3028 | 2445 | 1942 | 1511 | 1146 | 839 |
| Tc = 45.0 | 3347 | 2730 | 2195 | 1734 | 1339 | 1005 | 722 |
| Tc = 50.0 | | 2433 | 1946 | 1527 | 1169 | 866 | 608 |

Холодопроизв-ть - Произв-ть компрессора [W] @ 50.0 Hz

| | Te = -5.0 | Te = -10.0 | Te = -15.0 | Te = -20.0 | Te = -25.0 | Te = -30.0 | Te = -35.0 |
|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Tc = 20.0 | 5092 | 4214 | 3446 | 2781 | 2211 | 1728 | 1327 |
| Tc = 25.0 | 4746 | 3919 | 3196 | 2571 | 2035 | 1581 | 1202 |
| Tc = 30.0 | 4398 | 3622 | 2946 | 2361 | 1860 | 1435 | 1079 |
| Tc = 35.0 | 4048 | 3325 | 2695 | 2151 | 1685 | 1290 | 958 |
| Tc = 40.0 | 3698 | 3028 | 2445 | 1942 | 1511 | 1146 | 839 |
| Tc = 45.0 | 3347 | 2730 | 2195 | 1734 | 1339 | 1005 | 722 |
| Tc = 50.0 | | 2433 | 1946 | 1527 | 1169 | 866 | 608 |



Потребляемая мощность [kW] @ 50.0 Hz

| | Te = -5.0 | Te = -10.0 | Te = -15.0 | Te = -20.0 | Te = -25.0 | Te = -30.0 | Te = -35.0 |
|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Tc = 20.0 | 1.03 | 1.03 | 1.01 | 0.96 | 0.90 | 0.83 | 0.75 |
| Tc = 25.0 | 1.16 | 1.13 | 1.08 | 1.02 | 0.94 | 0.85 | 0.76 |
| Tc = 30.0 | 1.28 | 1.22 | 1.15 | 1.06 | 0.96 | 0.86 | 0.76 |
| Tc = 35.0 | 1.39 | 1.31 | 1.21 | 1.10 | 0.99 | 0.87 | 0.76 |
| Tc = 40.0 | 1.50 | 1.39 | 1.27 | 1.14 | 1.01 | 0.88 | 0.76 |
| Tc = 45.0 | 1.62 | 1.48 | 1.33 | 1.18 | 1.04 | 0.89 | 0.76 |
| Tc = 50.0 | | 1.57 | 1.40 | 1.23 | 1.06 | 0.91 | 0.76 |

Потребляемый эл. ток [A] @ 50.0 Hz

| | Te = -5.0 | Te = -10.0 | Te = -15.0 | Te = -20.0 | Te = -25.0 | Te = -30.0 | Te = -35.0 |
|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Tc = 20.0 | 3.7 | 3.7 | 3.6 | 3.6 | 3.4 | 3.3 | 3.2 |
| Tc = 25.0 | 3.9 | 3.9 | 3.8 | 3.6 | 3.5 | 3.3 | 3.2 |
| Tc = 30.0 | 4.2 | 4.1 | 3.9 | 3.7 | 3.5 | 3.4 | 3.2 |
| Tc = 35.0 | 4.4 | 4.2 | 4.0 | 3.8 | 3.6 | 3.4 | 3.2 |
| Tc = 40.0 | 4.7 | 4.4 | 4.2 | 3.9 | 3.6 | 3.4 | 3.2 |
| Tc = 45.0 | 4.9 | 4.6 | 4.3 | 4.0 | 3.7 | 3.4 | 3.2 |
| Tc = 50.0 | | 4.8 | 4.4 | 4.1 | 3.7 | 3.4 | 3.2 |

Массовый расход [kg/h] @ 50.0 Hz

| | Te = -5.0 | Te = -10.0 | Te = -15.0 | Te = -20.0 | Te = -25.0 | Te = -30.0 | Te = -35.0 |
|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Tc = 20.0 | 115.6 | 94.6 | 76.7 | 61.5 | 48.8 | 38.1 | 29.2 |
| Tc = 25.0 | 113.2 | 92.3 | 74.6 | 59.6 | 47.0 | 36.5 | 27.7 |
| Tc = 30.0 | 110.6 | 90.0 | 72.4 | 57.6 | 45.2 | 34.8 | 26.2 |
| Tc = 35.0 | 107.8 | 87.4 | 70.1 | 55.5 | 43.3 | 33.0 | 24.5 |
| Tc = 40.0 | 104.9 | 84.8 | 67.7 | 53.3 | 41.2 | 31.1 | 22.7 |
| Tc = 45.0 | 101.9 | 82.0 | 65.1 | 50.9 | 39.0 | 29.1 | 20.9 |
| Tc = 50.0 | | 79.0 | 62.4 | 48.4 | 36.7 | 27.0 | 18.9 |