



## Табличные расчеты - Н

### Ввод

|                                      |                       |
|--------------------------------------|-----------------------|
| Модель                               | H2900CS               |
| Хладагент                            | R22                   |
| 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                 |
| Эл.напряжение/фаза/частота           | 380-420 V / 3 / 50 Hz |

### Холодопроизв-ть - Произв-ть испарителя [W]

|           | Te = -5.0 | Te = -10.0 | Te = -15.0 | Te = -20.0 | Te = -25.0 | Te = -30.0 | Te = -35.0 |
|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Tc = 35.0 | 68643     | 56086      | 45145      | 35688      | 27584      | 20701      | 14907      |
| Tc = 40.0 | 65068     | 53002      | 42502      | 33436      | 25674      | 19083      | 13531      |
| Tc = 45.0 | 61526     | 49951      | 39894      | 31221      | 23801      | 17504      | 12195      |
| Tc = 50.0 | 58025     | 46942      | 37328      | 29048      | 21973      | 15969      | 10905      |
| Tc = 55.0 | 54570     | 43981      | 34811      | 26926      | 20195      | 14486      |            |
| Tc = 60.0 | 51169     | 41076      | 32350      | 24861      |            |            |            |
| Tc = 65.0 |           |            |            |            |            |            |            |

### Холодопроизв-ть - Произв-ть компрессора [W]

|           | Te = -5.0 | Te = -10.0 | Te = -15.0 | Te = -20.0 | Te = -25.0 | Te = -30.0 | Te = -35.0 |
|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Tc = 35.0 | 68643     | 56086      | 45145      | 35688      | 27584      | 20701      | 14907      |
| Tc = 40.0 | 65068     | 53002      | 42502      | 33436      | 25674      | 19083      | 13531      |
| Tc = 45.0 | 61526     | 49951      | 39894      | 31221      | 23801      | 17504      | 12195      |
| Tc = 50.0 | 58025     | 46942      | 37328      | 29048      | 21973      | 15969      | 10905      |
| Tc = 55.0 | 54570     | 43981      | 34811      | 26926      | 20195      | 14486      |            |
| Tc = 60.0 | 51169     | 41076      | 32350      | 24861      |            |            |            |
| Tc = 65.0 |           |            |            |            |            |            |            |



### Потребляемая мощность [kW]

|           | Te = -5.0 | Te = -10.0 | Te = -15.0 | Te = -20.0 | Te = -25.0 | Te = -30.0 | Te = -35.0 |
|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Tc = 35.0 | 19.72     | 18.47      | 17.06      | 15.48      | 13.77      | 11.93      | 9.99       |
| Tc = 40.0 | 20.41     | 19.01      | 17.43      | 15.71      | 13.85      | 11.87      | 9.78       |
| Tc = 45.0 | 21.00     | 19.44      | 17.71      | 15.84      | 13.84      | 11.72      | 9.50       |
| Tc = 50.0 | 21.48     | 19.77      | 17.90      | 15.89      | 13.74      | 11.49      | 9.14       |
| Tc = 55.0 | 21.86     | 20.01      | 18.00      | 15.84      | 13.57      | 11.19      |            |
| Tc = 60.0 | 22.14     | 20.15      | 18.01      | 15.72      |            |            |            |
| Tc = 65.0 |           |            |            |            |            |            |            |

### Потребляемый эл. ток [A]

|           | Te = -5.0 | Te = -10.0 | Te = -15.0 | Te = -20.0 | Te = -25.0 | Te = -30.0 | Te = -35.0 |
|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Tc = 35.0 | 36.9      | 35.3       | 33.5       | 31.6       | 29.7       | 27.8       | 25.9       |
| Tc = 40.0 | 37.8      | 36.0       | 34.0       | 31.9       | 29.8       | 27.7       | 25.8       |
| Tc = 45.0 | 38.6      | 36.6       | 34.3       | 32.0       | 29.7       | 27.5       | 25.5       |
| Tc = 50.0 | 39.3      | 37.0       | 34.6       | 32.1       | 29.6       | 27.3       | 25.2       |
| Tc = 55.0 | 39.8      | 37.3       | 34.7       | 32.0       | 29.4       | 27.0       |            |
| Tc = 60.0 | 40.2      | 37.5       | 34.7       | 31.9       |            |            |            |
| Tc = 65.0 |           |            |            |            |            |            |            |

### Массовый расход [kg/h]

|           | Te = -5.0 | Te = -10.0 | Te = -15.0 | Te = -20.0 | Te = -25.0 | Te = -30.0 | Te = -35.0 |
|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Tc = 35.0 | 1387.2    | 1126.3     | 901.2      | 708.7      | 545.4      | 408.1      | 293.3      |
| Tc = 40.0 | 1364.5    | 1104.8     | 880.8      | 689.2      | 526.8      | 390.1      | 276.0      |
| Tc = 45.0 | 1341.7    | 1083.1     | 860.2      | 669.6      | 507.9      | 372.0      | 258.4      |
| Tc = 50.0 | 1318.7    | 1061.4     | 839.5      | 649.8      | 489.0      | 353.7      | 240.7      |
| Tc = 55.0 | 1295.9    | 1039.7     | 818.9      | 630.1      | 470.1      | 335.5      |            |
| Tc = 60.0 | 1273.2    | 1018.2     | 798.4      | 610.6      |            |            |            |
| Tc = 65.0 |           |            |            |            |            |            |            |