# EWHQ-G-SS



## One refrigerant circuit, standard efficiency rating
## With reversible refrigerant circuit

› Operating limits cooling:
Condenser outlet temperature: +25°C to + 55°C
Evaporator outlet temperature: -10°C to + 15°C
› Operating limits heating:
Condenser outlet temperature: +20°C to + 50°C
Evaporator outlet temperature: -8°C to + 15°C

| **Type of unit** (rated power in accordance with EN14511) | **EWHQ-G-SS** | **100** | **120** | **130** | **150** | **160** | **190** | **210** | **240** | **270** | **340** | **400** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cooling capacity | kW | 87,3 | 100 | 111 | 127 | 141 | 160 | 181 | 208 | 232 | 291 | 352 |
| Power input | kW | 22,4 | 25,3 | 28,5 | 32,0 | 35,6 | 41,1 | 46,0 | 53,3 | 59,1 | 73,7 | 88,4 |
| Refrigerant circuit | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Compressors | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| EER | | 3,90 | 3,95 | 3,91 | 3,96 | 3,95 | 3,90 | 3,93 | 3,90 | 3,92 | 3,95 | 3,98 |
| ESEER | | 4,70 | 4,84 | 4,65 | 4,86 | 4,80 | 4,89 | 4,86 | 4,83 | 4,79 | 4,90 | 4,83 |
| Length | mm | 2.432 | 2.432 | 2.264 | 2.264 | 2.264 | 2.432 | 2.432 | 2.432 | 2.432 | 2.432 | 2.432 |
| Width | mm | 928 | 928 | 928 | 928 | 928 | 928 | 928 | 928 | 928 | 928 | 928 |
| Height | mm | 1.066 | 1.066 | 1.066 | 1.066 | 1.066 | 1.066 | 1.066 | 1.066 | 1.066 | 1.186 | 1.186 |
| Weight of unit / Operating weight | kg | 519/558 | 608/654 | 728/782 | 770/830 | 808/873 | 838/908 | 880/955 | 930/1.019 | 941/1.031 | 1.090/1.202 | 1.203/1.334 |
| Space heating Average climate water outlet 35°C — ηs (Seasonal space heating efficiency) | % | 155 | 155 | 158 | 162 | 161 | 161 | 161 | 167 | 166 | 158 | - |
| Space heating Average climate water outlet 35°C — SCOP | | 4,08 | 4,08 | 4,14 | 4,24 | 4,23 | 4,23 | 4,22 | 4,37 | 4,35 | 4,16 | - |
| Sound power / Sound pressure (at 1m) | dB(A) | 80/64 | 83/67 | 85/69 | 87/70 | 88/72 | 88/72 | 88/72 | 90/74 | 92/76 | 93/76 | 93/77 |
| **Price** | **€** | **20.945,-** | **22.343,-** | **23.854,-** | **25.458,-** | **26.938,-** | **29.556,-** | **30.017,-** | **32.612,-** | **34.869,-** | **42.183,-** | **48.088,-** |
| **Commissioning by DAIKIN service personnel (net price)** | **€** | **308,-** | **308,-** | **308,-** | **308,-** | **308,-** | **308,-** | **308,-** | **308,-** | **308,-** | **308,-** | **308,-** |

## Optional accessories for chiller:

| **Code** | **Type of unit** | **EWHQ-G-SS** | **100** | **120** | **130** | **150** | **160** | **190** | **210** | **240** | **270** | **340** | **400** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mechanical | | | | | | | | | | | | | |
| 130 | Evaporator and condenser victaulic kit | € | Standard | | | | | | | | | | |
| 29 | 20Mm evaporator insulation | € | | | | | | | | | | | |
| 33 | 20Mm condenser insulation | € | | | | | | | | | | | |
| 60 | Electronic expansion valve | € | | | | | | | | | | | |
| 133 | Stacked installation | € | 1.721,- | 1.721,- | 1.721,- | 1.721,- | 1.721,- | 1.721,- | 1.721,- | 1.721,- | 1.721,- | 1.721,- | 1.721,- |
| 08 | Brine version | € | 499,- | 499,- | 499,- | 499,- | 499,- | 499,- | 499,- | 499,- | 499,- | 499,- | 499,- |
| 03 | Partial heat recovery | € | 1.178,- | 1.178,- | 1.178,- | 1.196,- | 1.203,- | 1.406,- | 1.447,- | 1.541,- | 1.822,- | 1.927,- | 2.052,- |
| 129 | Liquid line dishut of valve | € | 272,- | 272,- | 272,- | 272,- | 272,- | 319,- | 319,- | 319,- | 319,- | 362,- | 362,- |
| 126 | Discharge and suction line shut-off valve | € | 832,- | 832,- | 832,- | 832,- | 832,- | 832,- | 832,- | 832,- | 832,- | 832,- | 832,- |
| 127 | High and low pressure side manometers | € | 272,- | 272,- | 272,- | 272,- | 272,- | 272,- | 272,- | 272,- | 272,- | 272,- | 272,- |
| 76-c | Sound proof system (compressors jacket) | € | 955,- | 865,- | 779,- | 779,- | 779,- | 779,- | 779,- | Not available | | | |
| 76-b | Sound proof system (compressor) | € | 3.140,- | 3.140,- | 3.140,- | 3.140,- | 3.140,- | 3.140,- | 3.140,- | 3.140,- | 3.140,- | 3.140,- | 3.140,- |
| 91 | Double pressure relief valve with diverter | € | 997,- | 997,- | 997,- | 997,- | 997,- | 997,- | 997,- | 997,- | 997,- | 997,- | 997,- |
| 115 | Water filter | € | 522,- | 522,- | 522,- | 522,- | 522,- | 522,- | 522,- | 522,- | 522,- | 522,- | 820,- |
| 122 | Evaporator single pump (low lift) | € | 1.217,- | 1.217,- | 1.296,- | 1.296,- | 1.296,- | 2.148,- | 2.148,- | 2.148,- | 2.148,- | 2.148,- | 1.993,- |
| 123 | Evaporator single pump (high lift) | € | 1.399,- | 1.399,- | 1.489,- | 1.489,- | 1.489,- | 2.472,- | 2.472,- | 2.472,- | 2.472,- | 2.472,- | 2.293,- |
| 124 | Condenser single pump (low lift) | € | 1.217,- | 1.217,- | 1.296,- | 1.296,- | 1.296,- | 2.148,- | 2.148,- | 2.148,- | 2.148,- | 2.148,- | 1.993,- |
| 125 | Condenser single pump (high lift) | € | 1.399,- | 1.399,- | 1.489,- | 1.489,- | 1.489,- | 2.472,- | 2.472,- | 2.472,- | 2.472,- | 2.472,- | 2.293,- |
| Electrical / Control | | | | | | | | | | | | | |
| 04 | Dol starter | € | Standard | | | | | | | | | Not available | |
| 132 | Part winidng start | € | Not available | | | | | | | | | | |
| 10 | Double setpoint | € | Standard | | | | | | | | | | |
| 68 | Hour run meter | € | | | | | | | | | | | |
| 69 | General fault contactor | € | | | | | | | | | | | |
| 97 | Main switch interlock door | € | | | | | | | | | | | |
| 128 | Master/Slave | € | | | | | | | | | | | |
| 06 | Soft starter | € | 2.832,- | 2.579,- | 2.329,- | 2.496,- | 2.662,- | 2.858,- | 3.054,- | 3.248,- | 3.328,- | Not available | |
| 15a | Control expansion pack including (under / over voltage control,setpoint reset, demand limit, alarm from external device, expansion card pol965) | € | 409,- | 409,- | 409,- | 409,- | 409,- | 409,- | 409,- | 409,- | 409,- | 409,- | 409,- |
| 17 | Capacitors for power factor correction | € | 759,- | 759,- | 759,- | 759,- | 759,- | 759,- | 1.342,- | 1.342,- | 1.342,- | 1.876,- | 1.876,- |
| 58 | Evaporator flow switch | € | 235,- | 235,- | 235,- | 235,- | 235,- | 235,- | 235,- | 235,- | 235,- | 235,- | 235,- |
| 59 | Condenser flow switch | € | 235,- | 235,- | 235,- | 235,- | 235,- | 235,- | 235,- | 235,- | 235,- | 235,- | 235,- |
| 95 | Compressors circuit breakers | € | 319,- | 331,- | 345,- | 345,- | 345,- | 390,- | 436,- | 453,- | 470,- | 1.600,- | 2.728,- |
| 102 | Ground fault relay | € | 789,- | 789,- | 789,- | 789,- | 789,- | 789,- | 789,- | 789,- | 789,- | 789,- | 789,- |
| Installation | | | | | | | | | | | | | |
| 75 | Rubber anti vibration mounts | € | 198,- | 198,- | 198,- | 198,- | 198,- | 198,- | 198,- | 198,- | 198,- | 198,- | 198,- |
| Communication cards / Accessories | | | | | | | | | | | | | |
| EKCM200J | BMS card (ModBUS-RTU) | € | 299,- | 299,- | 299,- | 299,- | 299,- | 299,- | 299,- | 299,- | 299,- | 299,- | 299,- |
| EKCMBACMSTP | BMS card (BacNet/ MSTP) | € | 357,- | 357,- | 357,- | 357,- | 357,- | 357,- | 357,- | 357,- | 357,- | 357,- | 357,- |
| EKCMLON | BMS card (LonWorks) | € | 348,- | 348,- | 348,- | 348,- | 348,- | 348,- | 348,- | 348,- | 348,- | 348,- | 348,- |