| Summary of | Bosch Compress 7000iAW 7 OR and IR, Compress 6000 AW-7, Bosch CS7400iAW 5 | Reg. No. | 011-1W0123 |
|---|---|---|---|

| Certificate Holder | | | |
|---|---|---|---|
| Name | Bosch Thermotechnik GmbH | | |
| Address | Junkersstraße 20 - 24 | Zip | 73249 |
| City | Wernau | Country | Germany |
| Certification Body | DIN CERTCO Gesellschaft für Konformitätsbewertung mbH | | |
| Name of testing laboratory | Danish Technological Institute | | |
| Subtype title | Bosch Compress 7000iAW 7 OR and IR, Compress 6000 AW-7, Bosch CS7400iAW 5 | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410a | | |
| Mass Of Refrigerant | 1.75 kg | | |
| Certification Date | 18.07.2017 | | |

# Model: Bosch CS7000iAW 7 IRMS

| General Data | |
|---|---|
| Power supply | 1x230V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.96 kW | 2.18 kW |
| El input | 0.61 kW | 0.80 kW |
| COP | 4.84 | 2.74 |
| Indoor water flow rate | 0.65 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 48 dB(A) | 48 dB(A) |
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 203 % | 145 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.15 | 3.70 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.80 kW | 4.00 kW |
| COP Tj = -7°C | 3.00 | 2.22 |
| Pdh Tj = +2°C | 2.90 kW | 2.40 kW |
| COP Tj = +2°C | 4.89 | 3.42 |
| Pdh Tj = +7°C | 1.90 kW | 2.10 kW |
| COP Tj = +7°C | 6.64 | 4.90 |
| Pdh Tj = 12°C | 1.30 kW | 2.60 kW |
| COP Tj = 12°C | 8.93 | 7.53 |
| Pdh Tj = Tbiv | 5.40 kW | 4.50 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.65 | 1.91 |
| Pdh Tj = TOL | 5.40 kW | 4.50 kW |
| COP Tj = TOL | 2.65 | 1.91 |
| Cdh | 1.00 | 1.00 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 17 W | 17 W |
| PSB | 17 W | 17 W |
| PCK | 26 W | 26 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2227 kWh | 2740 kWh |

## Domestic Hot Water (DHW)

## Average Climate

## EN 16147

| | |
|---|---|
| Declared load profile | L |
| Efficiency ηDHW | 97 % |
| COP | 2.40 |
| Heating up time | 02:44 h:min |
| Standby power input | 58.7 W |
| Reference hot water temperature | 55.6 °C |
| Mixed water at 40°C | 284 l |

# Model: Bosch CS7000iAW 7 IRM

| General Data | |
|---|---|
| Power supply | 1x230V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.96 kW | 2.18 kW |
| El input | 0.61 kW | 0.80 kW |
| COP | 4.84 | 2.74 |
| Indoor water flow rate | 0.65 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 48 dB(A) | 48 dB(A) |
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 203 % | 145 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.15 | 3.70 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.80 kW | 4.00 kW |
| COP Tj = -7°C | 3.00 | 2.22 |
| Pdh Tj = +2°C | 2.90 kW | 2.40 kW |
| COP Tj = +2°C | 4.89 | 3.42 |
| Pdh Tj = +7°C | 1.90 kW | 2.10 kW |
| COP Tj = +7°C | 6.64 | 4.90 |
| Pdh Tj = 12°C | 1.30 kW | 2.60 kW |
| COP Tj = 12°C | 8.93 | 7.53 |
| Pdh Tj = Tbiv | 5.40 kW | 4.50 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.65 | 1.91 |
| Pdh Tj = TOL | 5.40 kW | 4.50 kW |
| COP Tj = TOL | 2.65 | 1.91 |
| Cdh | 1.00 | 1.00 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 17 W | 17 W |
| PSB | 17 W | 17 W |
| PCK | 26 W | 26 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2227 kWh | 2740 kWh |

## Domestic Hot Water (DHW)

## Average Climate

## EN 16147

| | |
|---|---|
| Declared load profile | L |
| Efficiency ηDHW | 97 % |
| COP | 2.40 |
| Heating up time | 02:44 h:min |
| Standby power input | 58.7 W |
| Reference hot water temperature | 55.6 °C |
| Mixed water at 40°C | 284 l |

# Model: Bosch CS7000iAW 7 IRB

| General Data | |
|---|---|
| Power supply | 1x230V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.96 kW | 2.18 kW |
| El input | 0.61 kW | 0.80 kW |
| COP | 4.84 | 2.74 |
| Indoor water flow rate | 0.65 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 48 dB(A) | 48 dB(A) |
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 203 % | 145 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.15 | 3.70 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.80 kW | 4.00 kW |
| COP Tj = -7°C | 3.00 | 2.22 |
| Pdh Tj = +2°C | 2.90 kW | 2.40 kW |
| COP Tj = +2°C | 4.89 | 3.42 |
| Pdh Tj = +7°C | 1.90 kW | 2.10 kW |
| COP Tj = +7°C | 6.64 | 4.90 |
| Pdh Tj = 12°C | 1.30 kW | 2.60 kW |
| COP Tj = 12°C | 8.93 | 7.53 |
| Pdh Tj = Tbiv | 5.40 kW | 4.50 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.65 | 1.91 |
| Pdh Tj = TOL | 5.40 kW | 4.50 kW |
| COP Tj = TOL | 2.65 | 1.91 |
| Cdh | 1.00 | 1.00 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 17 W | 17 W |
| PSB | 17 W | 17 W |
| PCK | 26 W | 26 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2227 kWh | 2740 kWh |

# Model: Bosch CS7000iAW 7 IRE

| General Data | |
|---|---|
| Power supply | 1x230V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.96 kW | 2.18 kW |
| El input | 0.61 kW | 0.80 kW |
| COP | 4.84 | 2.74 |
| Indoor water flow rate | 0.65 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| | | |

| | | |
|---|---|---|
| $\eta_s$ | 203 % | 145 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.15 | 3.70 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.80 kW | 4.00 kW |
| COP Tj = -7°C | 3.00 | 2.22 |
| Pdh Tj = +2°C | 2.90 kW | 2.40 kW |
| COP Tj = +2°C | 4.89 | 3.42 |
| Pdh Tj = +7°C | 1.90 kW | 2.10 kW |
| COP Tj = +7°C | 6.64 | 4.90 |
| Pdh Tj = 12°C | 1.30 kW | 2.60 kW |
| COP Tj = 12°C | 8.93 | 7.53 |
| Pdh Tj = Tbiv | 5.40 kW | 4.50 kW |
| COP Tj = Tbiv | 2.65 | 1.91 |
| Pdh Tj = TOL | 5.40 kW | 4.50 kW |
| COP Tj = TOL | 2.65 | 1.91 |
| Cdh | 1.00 | 1.00 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 17 W | 17 W |

| | | |
|---|---|---|
| PSB | 17 W | 17 W |
| PCK | 26 W | 26 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2227 kWh | 2740 kWh |

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 48 dB(A) | 48 dB(A) |
| Sound power level outdoor | 38 dB(A) | 38 dB(A) |

# Model: Bosch CS7000iAW 7 ORMS

| General Data | |
|---|---|
| Power supply | 1x230V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.96 kW | 2.18 kW |
| El input | 0.61 kW | 0.80 kW |
| COP | 4.84 | 2.74 |
| Indoor water flow rate | 0.65 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 35 dB(A) | 35 dB(A) |
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 203 % | 145 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.15 | 3.70 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.80 kW | 4.00 kW |
| COP Tj = -7°C | 3.00 | 2.22 |
| Pdh Tj = +2°C | 2.90 kW | 2.40 kW |
| COP Tj = +2°C | 4.89 | 3.42 |
| Pdh Tj = +7°C | 1.90 kW | 2.10 kW |
| COP Tj = +7°C | 6.64 | 4.90 |
| Pdh Tj = 12°C | 1.30 kW | 2.60 kW |
| COP Tj = 12°C | 8.93 | 7.53 |
| Pdh Tj = Tbiv | 5.40 kW | 4.50 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.65 | 1.91 |
| Pdh Tj = TOL | 5.40 kW | 4.50 kW |
| COP Tj = TOL | 2.65 | 1.91 |
| Cdh | 1.00 | 1.00 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 17 W | 17 W |
| PSB | 17 W | 17 W |
| PCK | 26 W | 26 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2227 kWh | 2740 kWh |

## Domestic Hot Water (DHW)

## Average Climate

| EN 16147 | |
|---|---|
| | |
| Declared load profile | L |
| Efficiency ηDHW | 97 % |
| Mixed water at 40°C | 284 l |
| COP | 2.40 |
| Heating up time | 02:44 h:min |
| Standby power input | 58.7 W |
| Reference hot water temperature | 55.6 °C |

# Model: Bosch CS7000iAW 7 ORM

| General Data | |
|---|---|
| Power supply | 1x230V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.96 kW | 2.18 kW |
| El input | 0.61 kW | 0.80 kW |
| COP | 4.84 | 2.74 |
| Indoor water flow rate | 0.65 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 35 dB(A) | 35 dB(A) |
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 203 % | 145 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.15 | 3.70 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.80 kW | 4.00 kW |
| COP Tj = -7°C | 3.00 | 2.22 |
| Pdh Tj = +2°C | 2.90 kW | 2.40 kW |
| COP Tj = +2°C | 4.89 | 3.42 |
| Pdh Tj = +7°C | 1.90 kW | 2.10 kW |
| COP Tj = +7°C | 6.64 | 4.90 |
| Pdh Tj = 12°C | 1.30 kW | 2.60 kW |
| COP Tj = 12°C | 8.93 | 7.53 |
| Pdh Tj = Tbiv | 5.40 kW | 4.50 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.65 | 1.91 |
| Pdh Tj = TOL | 5.40 kW | 4.50 kW |
| COP Tj = TOL | 2.65 | 1.91 |
| Cdh | 1.00 | 1.00 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 17 W | 17 W |
| PSB | 17 W | 17 W |
| PCK | 26 W | 26 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2227 kWh | 2740 kWh |

## Domestic Hot Water (DHW)

## Average Climate

| EN 16147 | |
|---|---|
| | |
| Declared load profile | L |
| Efficiency ηDHW | 97 % |
| Mixed water at 40°C | 284 l |
| COP | 2.40 |
| Heating up time | 02:44 h:min |
| Standby power input | 58.7 W |
| Reference hot water temperature | 55.6 °C |

# Model: Bosch CS7000iAW 7 ORB

| General Data | |
|---|---|
| Power supply | 1x230V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.96 kW | 2.18 kW |
| El input | 0.61 kW | 0.80 kW |
| COP | 4.84 | 2.74 |
| Indoor water flow rate | 0.65 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 35 dB(A) | 35 dB(A) |
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 203 % | 145 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.15 | 3.70 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.80 kW | 4.00 kW |
| COP Tj = -7°C | 3.00 | 2.22 |
| Pdh Tj = +2°C | 2.90 kW | 2.40 kW |
| COP Tj = +2°C | 4.89 | 3.42 |
| Pdh Tj = +7°C | 1.90 kW | 2.10 kW |
| COP Tj = +7°C | 6.64 | 4.90 |
| Pdh Tj = 12°C | 1.30 kW | 2.60 kW |
| COP Tj = 12°C | 8.93 | 7.53 |
| Pdh Tj = Tbiv | 5.40 kW | 4.50 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.65 | 1.91 |
| Pdh Tj = TOL | 5.40 kW | 4.50 kW |
| COP Tj = TOL | 2.65 | 1.91 |
| Cdh | 1.00 | 1.00 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 17 W | 17 W |
| PSB | 17 W | 17 W |
| PCK | 26 W | 26 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2227 kWh | 2740 kWh |

# Model: Bosch CS7000iAW 7 ORE

| General Data | |
|---|---|
| Power supply | 1x230V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.96 kW | 2.18 kW |
| El input | 0.61 kW | 0.80 kW |
| COP | 4.84 | 2.74 |
| Indoor water flow rate | 0.65 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

## EN 12102-1

| | Low temperature | Medium temperature |
|---|---|---|
| Sound power level indoor | 35 dB(A) | 35 dB(A) |
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

## EN 14825

| | Low temperature | Medium temperature |
|---|---|---|
| $\eta_s$ | 203 % | 145 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.15 | 3.70 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.80 kW | 4.00 kW |
| COP Tj = -7°C | 3.00 | 2.22 |
| Pdh Tj = +2°C | 2.90 kW | 2.40 kW |
| COP Tj = +2°C | 4.89 | 3.42 |
| Pdh Tj = +7°C | 1.90 kW | 2.10 kW |
| COP Tj = +7°C | 6.64 | 4.90 |
| Pdh Tj = 12°C | 1.30 kW | 2.60 kW |
| COP Tj = 12°C | 8.93 | 7.53 |
| Pdh Tj = Tbiv | 5.40 kW | 4.50 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.65 | 1.91 |
| Pdh Tj = TOL | 5.40 kW | 4.50 kW |
| COP Tj = TOL | 2.65 | 1.91 |
| Cdh | 1.00 | 1.00 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 17 W | 17 W |
| PSB | 17 W | 17 W |
| PCK | 26 W | 26 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2227 kWh | 2740 kWh |

# Model: Bosch Compress 6000 AW-7 AWB

| General Data | |
|---|---|
| Power supply | 1x230V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.96 kW | 2.18 kW |
| El input | 0.61 kW | 0.80 kW |
| COP | 4.84 | 2.74 |
| Indoor water flow rate | 0.65 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| | | |

| | | |
|---|---|---|
| $\eta_s$ | 203 % | 145 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.15 | 3.70 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.80 kW | 4.00 kW |
| COP Tj = -7°C | 3.00 | 2.22 |
| Pdh Tj = +2°C | 2.90 kW | 2.40 kW |
| COP Tj = +2°C | 4.89 | 3.42 |
| Pdh Tj = +7°C | 1.90 kW | 2.10 kW |
| COP Tj = +7°C | 6.64 | 4.90 |
| Pdh Tj = 12°C | 1.30 kW | 2.60 kW |
| COP Tj = 12°C | 8.93 | 7.53 |
| Pdh Tj = Tbiv | 5.40 kW | 4.50 kW |
| COP Tj = Tbiv | 2.65 | 1.91 |
| Pdh Tj = TOL | 5.40 kW | 4.50 kW |
| COP Tj = TOL | 2.65 | 1.91 |
| Cdh | 1.00 | 1.00 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 17 W | 17 W |

| | | |
|---|---|---|
| PSB | 17 W | 17 W |
| PCK | 26 W | 26 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2227 kWh | 2740 kWh |

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 35 dB(A) | 35 dB(A) |
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

# Model: Bosch Compress 6000 AW-7 AWM

| General Data | |
|---|---|
| Power supply | 3x400V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.96 kW | 2.18 kW |
| El input | 0.61 kW | 0.80 kW |
| COP | 4.84 | 2.74 |
| Indoor water flow rate | 0.65 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| | | |

| | | |
|---|---|---|
| $\eta_s$ | 203 % | 145 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.15 | 3.70 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.80 kW | 4.00 kW |
| COP Tj = -7°C | 3.00 | 2.22 |
| Pdh Tj = +2°C | 2.90 kW | 2.40 kW |
| COP Tj = +2°C | 4.89 | 3.42 |
| Pdh Tj = +7°C | 1.90 kW | 2.10 kW |
| COP Tj = +7°C | 6.64 | 4.90 |
| Pdh Tj = 12°C | 1.30 kW | 2.60 kW |
| COP Tj = 12°C | 8.93 | 7.53 |
| Pdh Tj = Tbiv | 5.40 kW | 4.50 kW |
| COP Tj = Tbiv | 2.65 | 1.91 |
| Pdh Tj = TOL | 5.40 kW | 4.50 kW |
| COP Tj = TOL | 2.65 | 1.91 |
| Cdh | 1.00 | 1.00 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 17 W | 17 W |

| | | |
|---|---|---|
| PSB | 17 W | 17 W |
| PCK | 26 W | 26 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2227 kWh | 2740 kWh |

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 35 dB(A) | 35 dB(A) |
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

## Domestic Hot Water (DHW)

## Average Climate

| **EN 16147** | |
|---|---|
| | |
| Declared load profile | L |
| Efficiency ηDHW | 97 % |
| COP | 2.40 |
| Heating up time | 02:44 h:min |
| Standby power input | 58.7 W |
| Reference hot water temperature | 55.6 °C |
| Mixed water at 40°C | 284 l |

# Model: Bosch Compress 6000 AW-7 AWMS

| General Data | |
|---|---|
| Power supply | 3x400V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.96 kW | 2.18 kW |
| El input | 0.61 kW | 0.80 kW |
| COP | 4.84 | 2.74 |
| Indoor water flow rate | 0.65 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| | | |

| | | |
|---|---|---|
| $\eta_s$ | 203 % | 145 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.15 | 3.70 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.80 kW | 4.00 kW |
| COP Tj = -7°C | 3.00 | 2.22 |
| Pdh Tj = +2°C | 2.90 kW | 2.40 kW |
| COP Tj = +2°C | 4.89 | 3.42 |
| Pdh Tj = +7°C | 1.90 kW | 2.10 kW |
| COP Tj = +7°C | 6.64 | 4.90 |
| Pdh Tj = 12°C | 1.30 kW | 2.60 kW |
| COP Tj = 12°C | 8.93 | 7.53 |
| Pdh Tj = Tbiv | 5.40 kW | 4.50 kW |
| COP Tj = Tbiv | 2.65 | 1.91 |
| Pdh Tj = TOL | 5.40 kW | 4.50 kW |
| COP Tj = TOL | 2.65 | 1.91 |
| Cdh | 1.00 | 1.00 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 17 W | 17 W |

| | | |
|---|---|---|
| PSB | 17 W | 17 W |
| PCK | 26 W | 26 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2227 kWh | 2740 kWh |

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 35 dB(A) | 35 dB(A) |
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

## Domestic Hot Water (DHW)

## Average Climate

| **EN 16147** | |
|---|---|
| | |
| Declared load profile | L |
| Efficiency ηDHW | 97 % |
| COP | 2.40 |
| Heating up time | 02:44 h:min |
| Standby power input | 58.7 W |
| Reference hot water temperature | 55.6 °C |
| Mixed water at 40°C | 284 l |

# Model: Bosch Compress 6000 AW-7 AWE

| General Data | |
|---|---|
| Power supply | 3x400V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.96 kW | 2.18 kW |
| El input | 0.61 kW | 0.80 kW |
| COP | 4.84 | 2.74 |
| Indoor water flow rate | 0.65 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| | | |

| | | |
|---|---|---|
| $\eta_s$ | 203 % | 145 % |
| Prated | 5.00 kW | 5.00 kW |
| SCOP | 5.15 | 3.70 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.80 kW | 4.00 kW |
| COP Tj = -7°C | 3.00 | 2.22 |
| Pdh Tj = +2°C | 2.90 kW | 2.40 kW |
| COP Tj = +2°C | 4.89 | 3.42 |
| Pdh Tj = +7°C | 1.90 kW | 2.10 kW |
| COP Tj = +7°C | 6.64 | 4.90 |
| Pdh Tj = 12°C | 1.30 kW | 2.60 kW |
| COP Tj = 12°C | 8.93 | 7.53 |
| Pdh Tj = Tbiv | 5.40 kW | 4.50 kW |
| COP Tj = Tbiv | 2.65 | 1.91 |
| Pdh Tj = TOL | 5.40 kW | 4.50 kW |
| COP Tj = TOL | 2.65 | 1.91 |
| Cdh | 1.00 | 1.00 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 17 W | 17 W |

| | | |
|---|---|---|
| PSB | 17 W | 17 W |
| PCK | 26 W | 26 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2227 kWh | 2740 kWh |

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 35 dB(A) | 35 dB(A) |
| Sound power level outdoor | 53 dB(A) | 53 dB(A) |

# Model: Bosch CS7400iAW 5 ORB

| General Data | |
|---|---|
| Power supply | 3x400V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.14 kW | 1.77 kW |
| El input | 0.43 kW | 0.69 kW |
| COP | 4.99 | 2.57 |
| Indoor water flow rate | 0.37 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 29 dB(A) | 29 dB(A) |
| Sound power level outdoor | 47 dB(A) | 47 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 196 % | 133 % |
| Prated | 4.76 kW | 4.49 kW |
| SCOP | 4.99 | 3.41 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.27 kW | 3.93 kW |
| COP Tj = -7°C | 3.11 | 2.11 |
| Pdh Tj = +2°C | 2.51 kW | 2.41 kW |
| COP Tj = +2°C | 4.96 | 3.36 |
| Pdh Tj = +7°C | 1.51 kW | 2.06 kW |
| COP Tj = +7°C | 6.40 | 4.41 |
| Pdh Tj = 12°C | 1.27 kW | 2.45 kW |
| COP Tj = 12°C | 7.53 | 5.76 |
| Pdh Tj = Tbiv | 4.76 kW | 4.49 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.68 | 1.82 |
| Pdh Tj = TOL | 4.76 kW | 4.49 kW |
| COP Tj = TOL | 2.68 | 1.82 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 5 W | 5 W |
| PSB | 17 W | 17 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1971 kWh | 2721 kWh |

## Colder Climate

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 29 dB(A) | 29 dB(A) |
| Sound power level outdoor | 47 dB(A) | 47 dB(A) |

| **EN 14825** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 168 % | 118 % |

| | | |
|---|---|---|
| Prated | 4.30 kW | 4.00 kW |
| SCOP | 4.27 | 3.03 |
| Tbiv | -17 °C | -17 °C |
| TOL | -20 °C | -18 °C |
| Pdh Tj = -7°C | 2.50 kW | 2.29 kW |
| COP Tj = -7°C | 3.64 | 2.52 |
| Cdh | | |
| Pdh Tj = +2°C | 1.49 kW | 1.80 kW |
| COP Tj = +2°C | 5.22 | 3.82 |
| Cdh | | |
| Pdh Tj = +7°C | 1.14 kW | 2.08 kW |
| COP Tj = +7°C | 6.44 | 4.68 |
| Cdh | | |
| Pdh Tj = 12°C | 1.24 kW | 2.48 kW |
| COP Tj = 12°C | 7.03 | 6.02 |
| Cdh | | |
| Pdh Tj = Tbiv | 3.75 kW | 3.53 kW |
| COP Tj = Tbiv | 2.29 | 1.64 |
| Pdh Tj = TOL | 3.44 kW | 3.39 kW |
| COP Tj = TOL | 2.11 | 1.56 |
| WTOL | 60 °C | 60 °C |

| | | |
|---|---|---|
| Poff | 17 W | 17 W |
| PTO | 5 W | 5 W |
| PSB | 17 W | 17 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.64 kW | 0.00 kW |
| Annual energy consumption Qhe | 2480 kWh | 3250 kWh |
| Pdh Tj = -15°C (if TOL<-20°C) | | |
| COP Tj = -15°C (if TOL<-20°C) | | |
| Cdh | | |

## Warmer Climate

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 29 dB(A) | 29 dB(A) |
| Sound power level outdoor | 47 dB(A) | 47 dB(A) |

| **EN 14825** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 242 % | 165 % |
| Prated | 5.50 kW | 5.40 kW |

| | | |
|---|---|---|
| SCOP | 6.13 | 4.19 |
| Tbiv | 2 °C | 2 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 5.48 kW | 5.40 kW |
| COP Tj = +2°C | 3.03 | 2.10 |
| Pdh Tj = +7°C | 3.81 kW | 3.56 kW |
| COP Tj = +7°C | 5.16 | 3.57 |
| Pdh Tj = 12°C | 1.71 kW | 2.44 kW |
| COP Tj = 12°C | 8.06 | 5.53 |
| Pdh Tj = Tbiv | 5.48 kW | 5.40 kW |
| COP Tj = Tbiv | 3.03 | 2.10 |
| Pdh Tj = TOL | 5.48 kW | 5.40 kW |
| COP Tj = TOL | 3.03 | 2.10 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 5 W | 5 W |
| PSB | 17 W | 17 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1199 kWh | 1723 kWh |

# Model: Bosch CS7400iAW 5 ORE

| General Data | |
|---|---|
| Power supply | 3x400V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.14 kW | 1.77 kW |
| El input | 0.43 kW | 0.69 kW |
| COP | 4.99 | 2.57 |
| Indoor water flow rate | 0.37 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

## EN 12102-1

| | Low temperature | Medium temperature |
|---|---|---|
| Sound power level indoor | 29 dB(A) | 29 dB(A) |
| Sound power level outdoor | 47 dB(A) | 47 dB(A) |

## EN 14825

| | Low temperature | Medium temperature |
|---|---|---|
| $\eta_s$ | 196 % | 133 % |
| Prated | 4.76 kW | 4.49 kW |
| SCOP | 4.99 | 3.41 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.27 kW | 3.93 kW |
| COP Tj = -7°C | 3.11 | 2.11 |
| Pdh Tj = +2°C | 2.51 kW | 2.41 kW |
| COP Tj = +2°C | 4.96 | 3.36 |
| Pdh Tj = +7°C | 1.51 kW | 2.06 kW |
| COP Tj = +7°C | 6.40 | 4.41 |
| Pdh Tj = 12°C | 1.27 kW | 2.45 kW |
| COP Tj = 12°C | 7.53 | 5.76 |
| Pdh Tj = Tbiv | 4.76 kW | 4.49 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.68 | 1.82 |
| Pdh Tj = TOL | 4.76 kW | 4.49 kW |
| COP Tj = TOL | 2.68 | 1.82 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 5 W | 5 W |
| PSB | 17 W | 17 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1971 kWh | 2721 kWh |

## Colder Climate

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 29 dB(A) | 29 dB(A) |
| Sound power level outdoor | 47 dB(A) | 47 dB(A) |

| **EN 14825** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 168 % | 118 % |

| | | |
|---|---|---|
| Prated | 4.30 kW | 4.00 kW |
| SCOP | 4.27 | 3.03 |
| Tbiv | -17 °C | -17 °C |
| TOL | -20 °C | -18 °C |
| Pdh Tj = -7°C | 2.50 kW | 2.29 kW |
| COP Tj = -7°C | 3.64 | 2.52 |
| Cdh | | |
| Pdh Tj = +2°C | 1.49 kW | 1.80 kW |
| COP Tj = +2°C | 5.22 | 3.82 |
| Cdh | | |
| Pdh Tj = +7°C | 1.14 kW | 2.08 kW |
| COP Tj = +7°C | 6.44 | 4.68 |
| Cdh | | |
| Pdh Tj = 12°C | 1.24 kW | 2.48 kW |
| COP Tj = 12°C | 7.03 | 6.02 |
| Cdh | | |
| Pdh Tj = Tbiv | 3.75 kW | 3.53 kW |
| COP Tj = Tbiv | 2.29 | 1.64 |
| Pdh Tj = TOL | 3.44 kW | 3.39 kW |
| COP Tj = TOL | 2.11 | 1.56 |
| WTOL | 60 °C | 60 °C |

| | | |
|---|---|---|
| Poff | 17 W | 17 W |
| PTO | 5 W | 5 W |
| PSB | 17 W | 17 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.64 kW | 0.00 kW |
| Annual energy consumption Qhe | 2480 kWh | 3250 kWh |
| Pdh Tj = -15°C (if TOL<-20°C) | | |
| COP Tj = -15°C (if TOL<-20°C) | | |
| Cdh | | |

## Warmer Climate

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 29 dB(A) | 29 dB(A) |
| Sound power level outdoor | 47 dB(A) | 47 dB(A) |

| **EN 14825** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 242 % | 165 % |
| Prated | 5.50 kW | 5.40 kW |

| | | |
|---|---|---|
| SCOP | 6.13 | 4.19 |
| Tbiv | 2 °C | 2 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 5.48 kW | 5.40 kW |
| COP Tj = +2°C | 3.03 | 2.10 |
| Pdh Tj = +7°C | 3.81 kW | 3.56 kW |
| COP Tj = +7°C | 5.16 | 3.57 |
| Pdh Tj = 12°C | 1.71 kW | 2.44 kW |
| COP Tj = 12°C | 8.06 | 5.53 |
| Pdh Tj = Tbiv | 5.48 kW | 5.40 kW |
| COP Tj = Tbiv | 3.03 | 2.10 |
| Pdh Tj = TOL | 5.48 kW | 5.40 kW |
| COP Tj = TOL | 3.03 | 2.10 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 5 W | 5 W |
| PSB | 17 W | 17 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1199 kWh | 1723 kWh |

# Model: Bosch CS7400iAW 5 ORM

| General Data | |
|---|---|
| Power supply | 3x400V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.14 kW | 1.77 kW |
| El input | 0.43 kW | 0.69 kW |
| COP | 4.99 | 2.57 |
| Indoor water flow rate | 0.37 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

## EN 12102-1

| | Low temperature | Medium temperature |
|---|---|---|
| Sound power level indoor | 25 dB(A) | 25 dB(A) |
| Sound power level outdoor | 47 dB(A) | 47 dB(A) |

## EN 14825

| | Low temperature | Medium temperature |
|---|---|---|
| $\eta_s$ | 196 % | 133 % |
| Prated | 4.76 kW | 4.49 kW |
| SCOP | 4.99 | 3.41 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.27 kW | 3.93 kW |
| COP Tj = -7°C | 3.11 | 2.11 |
| Pdh Tj = +2°C | 2.51 kW | 2.41 kW |
| COP Tj = +2°C | 4.96 | 3.36 |
| Pdh Tj = +7°C | 1.51 kW | 2.06 kW |
| COP Tj = +7°C | 6.40 | 4.41 |
| Pdh Tj = 12°C | 1.27 kW | 2.45 kW |
| COP Tj = 12°C | 7.53 | 5.76 |
| Pdh Tj = Tbiv | 4.76 kW | 4.49 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.68 | 1.82 |
| Pdh Tj = TOL | 4.76 kW | 4.49 kW |
| COP Tj = TOL | 2.68 | 1.82 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 5 W | 5 W |
| PSB | 17 W | 17 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1971 kWh | 2721 kWh |

## Colder Climate

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 25 dB(A) | 25 dB(A) |
| Sound power level outdoor | 47 dB(A) | 47 dB(A) |

| **EN 14825** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 168 % | 118 % |

| | | |
|---|---|---|
| Prated | 4.30 kW | 4.00 kW |
| SCOP | 4.27 | 3.03 |
| Tbiv | -17 °C | -17 °C |
| TOL | -20 °C | -18 °C |
| Pdh Tj = -7°C | 2.50 kW | 2.29 kW |
| COP Tj = -7°C | 3.64 | 2.52 |
| Cdh | | |
| Pdh Tj = +2°C | 1.49 kW | 1.80 kW |
| COP Tj = +2°C | 5.22 | 3.82 |
| Cdh | | |
| Pdh Tj = +7°C | 1.14 kW | 2.08 kW |
| COP Tj = +7°C | 6.44 | 4.68 |
| Cdh | | |
| Pdh Tj = 12°C | 1.24 kW | 2.48 kW |
| COP Tj = 12°C | 7.03 | 6.02 |
| Cdh | | |
| Pdh Tj = Tbiv | 3.75 kW | 3.53 kW |
| COP Tj = Tbiv | 2.29 | 1.64 |
| Pdh Tj = TOL | 3.44 kW | 3.39 kW |
| COP Tj = TOL | 2.11 | 1.56 |
| WTOL | 60 °C | 60 °C |

| | | |
|---|---|---|
| Poff | 17 W | 17 W |
| PTO | 5 W | 5 W |
| PSB | 17 W | 17 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.64 kW | 0.00 kW |
| Annual energy consumption Qhe | 2480 kWh | 3250 kWh |
| Pdh Tj = -15°C (if TOL<-20°C) | | |
| COP Tj = -15°C (if TOL<-20°C) | | |
| Cdh | | |

## Warmer Climate

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 25 dB(A) | 25 dB(A) |
| Sound power level outdoor | 47 dB(A) | 47 dB(A) |

| **EN 14825** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 242 % | 165 % |
| Prated | 5.50 kW | 5.40 kW |

| | | |
|---|---|---|
| SCOP | 6.13 | 4.19 |
| Tbiv | 2 °C | 2 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 5.48 kW | 5.40 kW |
| COP Tj = +2°C | 3.03 | 2.10 |
| Pdh Tj = +7°C | 3.81 kW | 3.56 kW |
| COP Tj = +7°C | 5.16 | 3.57 |
| Pdh Tj = 12°C | 1.71 kW | 2.44 kW |
| COP Tj = 12°C | 8.06 | 5.53 |
| Pdh Tj = Tbiv | 5.48 kW | 5.40 kW |
| COP Tj = Tbiv | 3.03 | 2.10 |
| Pdh Tj = TOL | 5.48 kW | 5.40 kW |
| COP Tj = TOL | 3.03 | 2.10 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 5 W | 5 W |
| PSB | 17 W | 17 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1199 kWh | 1723 kWh |

# Domestic Hot Water (DHW)

## Average Climate

| EN 16147 | |
|---|---|
| | |
| Declared load profile | L |
| Efficiency ηDHW | 100 % |
| COP | 2.36 |
| Heating up time | 03:33 h:min |
| Standby power input | 52.0 W |
| Reference hot water temperature | 53.5 °C |
| Mixed water at 40°C | 271 l |

## Colder Climate

| EN 16147 | |
|---|---|
| | |
| Declared load profile | L |
| Efficiency ηDHW | 84 % |
| COP | 1.96 |
| Heating up time | 04:10 h:min |
| Standby power input | 66.0 W |
| Reference hot water temperature | 53.0 °C |
| Mixed water at 40°C | 279 l |

# Warmer Climate

| EN 16147 | |
|---|---|
| | |
| Declared load profile | L |
| Efficiency ηDHW | 119 % |
| COP | 2.80 |
| Heating up time | 02:49 h:min |
| Standby power input | 47.0 W |
| Reference hot water temperature | 53.1 °C |
| Mixed water at 40°C | 261 l |

# Model: Bosch CS7400iAW 5 ORMS

| General Data | |
|---|---|
| Power supply | 3x400V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 2.14 kW | 1.77 kW |
| El input | 0.43 kW | 0.69 kW |
| COP | 4.99 | 2.57 |
| Indoor water flow rate | 0.37 m³/h | 0.24 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |
| Starting and operating test | passed |

## Average Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 25 dB(A) | 25 dB(A) |
| Sound power level outdoor | 47 dB(A) | 47 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 196 % | 133 % |
| Prated | 4.76 kW | 4.49 kW |
| SCOP | 4.99 | 3.41 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 4.27 kW | 3.93 kW |
| COP Tj = -7°C | 3.11 | 2.11 |
| Pdh Tj = +2°C | 2.51 kW | 2.41 kW |
| COP Tj = +2°C | 4.96 | 3.36 |
| Pdh Tj = +7°C | 1.51 kW | 2.06 kW |
| COP Tj = +7°C | 6.40 | 4.41 |
| Pdh Tj = 12°C | 1.27 kW | 2.45 kW |
| COP Tj = 12°C | 7.53 | 5.76 |
| Pdh Tj = Tbiv | 4.76 kW | 4.49 kW |

| | | |
|---|---|---|
| COP Tj = Tbiv | 2.68 | 1.82 |
| Pdh Tj = TOL | 4.76 kW | 4.49 kW |
| COP Tj = TOL | 2.68 | 1.82 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 5 W | 5 W |
| PSB | 17 W | 17 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1971 kWh | 2721 kWh |

## Colder Climate

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 25 dB(A) | 25 dB(A) |
| Sound power level outdoor | 47 dB(A) | 47 dB(A) |

| **EN 14825** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 168 % | 118 % |

| | | |
|---|---|---|
| Prated | 4.30 kW | 4.00 kW |
| SCOP | 4.27 | 3.03 |
| Tbiv | -17 °C | -17 °C |
| TOL | -20 °C | -18 °C |
| Pdh Tj = -7°C | 2.50 kW | 2.29 kW |
| COP Tj = -7°C | 3.64 | 2.52 |
| Cdh | | |
| Pdh Tj = +2°C | 1.49 kW | 1.80 kW |
| COP Tj = +2°C | 5.22 | 3.82 |
| Cdh | | |
| Pdh Tj = +7°C | 1.14 kW | 2.08 kW |
| COP Tj = +7°C | 6.44 | 4.68 |
| Cdh | | |
| Pdh Tj = 12°C | 1.24 kW | 2.48 kW |
| COP Tj = 12°C | 7.03 | 6.02 |
| Cdh | | |
| Pdh Tj = Tbiv | 3.75 kW | 3.53 kW |
| COP Tj = Tbiv | 2.29 | 1.64 |
| Pdh Tj = TOL | 3.44 kW | 3.39 kW |
| COP Tj = TOL | 2.11 | 1.56 |
| WTOL | 60 °C | 60 °C |

| | | |
|---|---|---|
| Poff | 17 W | 17 W |
| PTO | 5 W | 5 W |
| PSB | 17 W | 17 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.64 kW | 0.00 kW |
| Annual energy consumption Qhe | 2480 kWh | 3250 kWh |
| Pdh Tj = -15°C (if TOL<-20°C) | | |
| COP Tj = -15°C (if TOL<-20°C) | | |
| Cdh | | |

## Warmer Climate

| **EN 12102-1** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 25 dB(A) | 25 dB(A) |
| Sound power level outdoor | 47 dB(A) | 47 dB(A) |

| **EN 14825** | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 242 % | 165 % |
| Prated | 5.50 kW | 5.40 kW |

| | | |
|---|---|---|
| SCOP | 6.13 | 4.19 |
| Tbiv | 2 °C | 2 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 5.48 kW | 5.40 kW |
| COP Tj = +2°C | 3.03 | 2.10 |
| Pdh Tj = +7°C | 3.81 kW | 3.56 kW |
| COP Tj = +7°C | 5.16 | 3.57 |
| Pdh Tj = 12°C | 1.71 kW | 2.44 kW |
| COP Tj = 12°C | 8.06 | 5.53 |
| Pdh Tj = Tbiv | 5.48 kW | 5.40 kW |
| COP Tj = Tbiv | 3.03 | 2.10 |
| Pdh Tj = TOL | 5.48 kW | 5.40 kW |
| COP Tj = TOL | 3.03 | 2.10 |
| WTOL | 60 °C | 60 °C |
| Poff | 17 W | 17 W |
| PTO | 5 W | 5 W |
| PSB | 17 W | 17 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0 kW | 0 kW |
| Annual energy consumption Qhe | 1199 kWh | 1723 kWh |

# Domestic Hot Water (DHW)

## Average Climate

| EN 16147 | |
|---|---|
| | |
| Declared load profile | L |
| Efficiency ηDHW | 98 % |
| COP | 2.31 |
| Heating up time | 03:11 h:min |
| Standby power input | 54.0 W |
| Reference hot water temperature | 52.5 °C |
| Mixed water at 40°C | 261 l |

## Colder Climate

| EN 16147 | |
|---|---|
| | |
| Declared load profile | L |
| Efficiency ηDHW | 80 % |
| COP | 1.88 |
| Heating up time | 04:05 h:min |
| Standby power input | 67.0 W |
| Reference hot water temperature | 51.7 °C |
| Mixed water at 40°C | 259 l |

# Warmer Climate

| EN 16147 | |
|---|---|
| | |
| Declared load profile | L |
| Efficiency ηDHW | 110 % |
| COP | 2.58 |
| Heating up time | 02:44 h:min |
| Standby power input | 49.0 W |
| Reference hot water temperature | 51.7 °C |
| Mixed water at 40°C | 247 l |