

Subtype TERRA 6 HPLA

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|---------------------|-------------------------------------------------------|
| Certificate Holder | Ochsner Wärmepumpen GmbH |
| Address | Krackowizerstraße 4 |
| ZIP | 4020 |
| City | Linz |
| Country | AT |
| Certification Body | DIN CERTCO Gesellschaft für Konformitätsbewertung mbH |
| Subtype title | TERRA 6 HPLA |
| Registration number | 011-1W0414 |
| Heat Pump Type | Brine/Water |
| Refrigerant | R410A |
| Mass of Refrigerant | 1.4 kg |
| Certification Date | 30.09.2020 |
| Testing basis | HP KEYMARK certification scheme rules rev. 7 |

Model TERRA 6 HPLA , average climate

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|-------------------------------------|--------------------------------|
| Model name | TERRA 6 HPLA , average climate |
| Application | Heating (medium temp) |
| Units | Indoor |
| Climate zone (for heating) | n/a |
| Cooling mode application (optional) | n/a |
| Any additional heat sources | n/a |
| Phase-out Date | 06.08.2027 |

General data

| | |
|------------------|-------------|
| Power supply | 3x400V 50Hz |
| Off-peak product | No |

Brine/Water

EN 14511-4 | Heating

Shutting off the heat transfer medium flow passed

| | |
|-------------------------------|--------|
| Complete power supply failure | passed |
| Defrost test | |
| Starting and operating test | passed |

EN 14511-2 | Heating

| | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 5.82 kW | 5.19 kW |
| El input | 1.21 kW | 1.85 kW |
| COP | 4.80 | 2.81 |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 43 dB(A) | 43 dB(A) |
| Sound power level outdoor | 0 dB(A) | 0 dB(A) |

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 205 % | 134 % |
| Prated | 6.00 kW | 5.00 kW |
| SCOP | 5.32 | 3.55 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 5.80 kW | 5.30 kW |
| COP Tj = -7°C | 4.87 | 2.94 |
| Pdh Tj = +2°C | 5.90 kW | 5.50 kW |
| COP Tj = +2°C | 5.24 | 3.49 |
| Pdh Tj = +7°C | 6.00 kW | 5.60 kW |
| COP Tj = +7°C | 5.61 | 3.92 |

| | | |
|-----------------------------------------------------|---------------------|---------------------|
| Pdh Tj = 12°C | 6.00 kW | 5.70 kW |
| COP Tj = 12°C | 6.03 | 4.44 |
| Pdh Tj = Tbiv | 5.80 kW | 5.20 kW |
| COP Tj = Tbiv | 4.81 | 2.81 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.80 kW | 5.20 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 4.81 | 2.81 |
| Rated airflow rate | 0 m ³ /h | 0 m ³ /h |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.90 | 0.90 |
| WTOL | 65 °C | 65 °C |
| Poff | 0 W | 0 W |
| PTO | 54 W | 54 W |
| PSB | 9 W | 9 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 2262 kWh | 3017 kWh |

Model TERRA 6 HPLA, low temperature, all climates

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|-------------------------------------|---------------------------------------------|
| Model name | TERRA 6 HPLA, low temperature, all climates |
| Application | Heating (low temp) |
| Units | Indoor |
| Climate zone (for heating) | Warmer Climate, Colder Climate |
| Cooling mode application (optional) | n/a |
| Any additional heat sources | n/a |
| Phase-out Date | 06.08.2027 |

General data

| | |
|------------------|-------------|
| Power supply | 3x400V 50Hz |
| Off-peak product | No |

Brine/Water

EN 14511-4 | Heating

Shutting off the heat transfer medium flow passed

| | |
|-------------------------------|--------|
| Complete power supply failure | passed |
| Defrost test | |
| Starting and operating test | passed |

EN 14511-2 | Heating

| | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 5.82 kW | |
| El input | 1.21 kW | |
| COP | 4.80 | |

EN 12102-1 | Average Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 43 dB(A) | |
| Sound power level outdoor | 0 dB(A) | |

EN 14825 | Average Climate

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 205 % | |
| Prated | 6.00 kW | |
| SCOP | 5.32 | |
| Tbiv | -10 °C | |
| TOL | -10 °C | |
| Pdh Tj = -7°C | 5.80 kW | |
| COP Tj = -7°C | 4.87 | |
| Pdh Tj = +2°C | 5.90 kW | |
| COP Tj = +2°C | 5.24 | |
| Pdh Tj = +7°C | 6.00 kW | |
| COP Tj = +7°C | 5.61 | |

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|-----------------------------------------------------|-------------|
| Pdh Tj = 12°C | 6.00 kW |
| COP Tj = 12°C | 6.03 |
| Pdh Tj = Tbiv | 5.80 kW |
| COP Tj = Tbiv | 4.81 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.80 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 4.81 |
| Rated airflow rate | 0 m³/h |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.90 |
| WTOL | 65 °C |
| Poff | 0 W |
| PTO | 54 W |
| PSB | 9 W |
| PCK | 0 W |
| Supplementary Heater: Type of energy input | Electricity |
| Supplementary Heater: PSUP | 0.00 kW |
| Annual energy consumption Qhe | 2262 kWh |

EN 12102-1 | Colder Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 43 dB(A) | |
| Sound power level outdoor | 0 dB(A) | |

EN 14825 | Colder Climate

| | Low temperature | Medium temperature |
|-----------------------------------------------------|-----------------|--------------------|
| ηs | 212 % | |
| Prated | 7.00 kW | |
| SCOP | 5.49 | |
| Tbiv | -15 °C | |
| TOL | -22 °C | |
| Pdh Tj = -7°C | 5.90 kW | |
| COP Tj = -7°C | 5.43 | |
| Pdh Tj = +2°C | 6.00 kW | |
| COP Tj = +2°C | 5.72 | |
| Pdh Tj = +7°C | 6.00 kW | |
| COP Tj = +7°C | 5.97 | |
| Pdh Tj = 12°C | 6.00 kW | |
| COP Tj = 12°C | 6.01 | |
| Pdh Tj = Tbiv | 5.90 kW | |
| COP Tj = Tbiv | 5.31 | |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.90 kW | |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 5.31 | |

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|-----------------------------------------------------|---------------------|
| Rated airflow rate | 0 m ³ /h |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.90 |
| WTOL | 65 °C |
| Poff | 0 W |
| PTO | 54 W |
| PSB | 9 W |
| PCK | 0 W |
| Supplementary Heater: Type of energy input | Electricity |
| Supplementary Heater: PSUP | 1.43 kW |
| Annual energy consumption Qhe | 3254 kWh |

EN 12102-1 | Warmer Climate

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 43 dB(A) | |
| Sound power level outdoor | 0 dB(A) | |

EN 14825 | Warmer Climate

| | Low temperature | Medium temperature |
|-----------------------------------------------------|---------------------|--------------------|
| ηs | 203 % | |
| Prated | 6.00 kW | |
| SCOP | 5.28 | |
| Tbiv | 2 °C | |
| TOL | 0 °C | |
| Pdh Tj = -7°C | 0.00 kW | |
| COP Tj = -7°C | 0.00 | |
| Pdh Tj = +2°C | 5.80 kW | |
| COP Tj = +2°C | 4.81 | |
| Pdh Tj = +7°C | 5.90 kW | |
| COP Tj = +7°C | 5.16 | |
| Pdh Tj = 12°C | 6.00 kW | |
| COP Tj = 12°C | 5.75 | |
| Pdh Tj = Tbiv | 5.80 kW | |
| COP Tj = Tbiv | 4.81 | |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.80 kW | |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 4.81 | |
| Rated airflow rate | 0 m ³ /h | |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.90 | |
| WTOL | 65 °C | |
| Poff | 0 W | |
| PTO | 54 W | |
| PSB | 9 W | |
| PCK | 0 W | |

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|--------------------------------------------|-------------|
| Supplementary Heater: Type of energy input | Electricity |
| Supplementary Heater: PSUP | 0.00 kW |
| Annual energy consumption Q _{he} | 1473 kWh |