Login

Summary of	TERRA 6 HPLA	Reg. No.	011-1W0414
Certificate Holder			
Name	Ochsner Wärmepumpen GmbH		
Address	Krackowizerstraße 4	Zip	4020
City	Linz	Country	Austria
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	TERRA 6 HPLA		
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

Configure model	
Model name	TERRA 6 HPLA , average climate
Application	Heating (medium temp)
Units	Indoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	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 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Starting and operating test	passed

Average Climate

EN 12102-1		
	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		
	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 m³/h	0 m³/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

Configure model	
Model name	TERRA 6 HPLA, low temperature, all climates
Application	Heating (low temp)
Units	Indoor
Climate Zone	Colder Climate + Warmer Climate
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2	
	Low temperature
Heat output	5.82 kW
El input	1.21 kW
COP	4.80

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

Warmer Climate

EN 12102-1	
	Low temperature
Sound power level indoor	43 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature
η_s	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 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	1473 kWh

Colder Climate

EN 12102-1	
	Low temperature
Sound power level indoor	43 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low temperature

η_s	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
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

Average Climate

EN 12102-1	
	Low temperature
Sound power level indoor	43 dB(A)
Sound power level outdoor	0 dB(A)

EN 14825	
	Low 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
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