Login

Summary of	AEROTOP T26 / T26R		Reg. No.	011-1W0301
Certificate Holder				
Name	ELCO GmbH			
Address	Hohenzollernstrasse 31		Zip	72379
City	Hechingen		Country	Germany
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH			
Subtype title	AEROTOP T26 / T26R			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R407c			
Mass of Refrigerant	7.4 kg			
Certification Date	04.05.2019			

Model: AEROTOP T26

Configure model	
Model name	AEROTOP T26
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	Colder Climate + Warmer Climate
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	3x230V 50Hz

Heating

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	31.00 kW	29.00 kW
El input	7.56 kW	10.74 kW
COP	4.10	2.70

Warmer Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	59 dB(A)	59 dB(A)
Sound power level outdoor	70 dB(A)	70 dB(A)

EN 14825

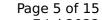|	Low temperature	Medium temperature
η_s	180 %	120 %
Prated	24.00 kW	26.00 kW
SCOP	4.56	3.06
Tbiv	2 °C	2 °C
TOL	-20 °C	-10 °C
Pdh Tj = +2°C	22.37 kW	22.00 kW
COP Tj = +2°C	3.17	2.40
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	31.40 kW	29.90 kW
COP Tj = +7°C	4.46	3.22
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	35.10 kW	34.39 kW
COP Tj = 12°C	5.55	2.19
Cdh Tj = +12 °C	1.00	1.00

Pdh Tj = Tbiv	22.37 kW	22.00 kW
COP Tj = Tbiv	3.17	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	22.37 kW	22.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.17	2.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	57 °C	57 °C
Poff	0 W	0 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	80 W	80 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	7142 kWh	11470 kWh

Colder Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	59 dB(A)	59 dB(A)
Sound power level outdoor	70 dB(A)	70 dB(A)

EN 14825

This information was generated by the HP KEYMARK database on 7 Jul 2022

	Low temperature	Medium temperature
η_s	133 %	93 %
Prated	21.00 kW	28.00 kW
SCOP	3.39	2.39
Tbiv	-15 °C	-10 °C
TOL	-20 °C	-10 °C
Pdh Tj = -7°C	20.37 kW	19.28 kW
COP Tj = -7°C	2.94	2.29
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	22.52 kW	22.33 kW
COP Tj = +2°C	3.74	3.03
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	32.00 kW	31.30 kW
COP Tj = +7°C	5.00	4.37
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	35.28 kW	34.92 kW
COP Tj = 12°C	5.78	5.32
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	17.09 kW	18.40 kW
COP Tj = Tbiv	2.35	2.13
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	17.10 kW	18.40 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.33	2.13
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	57 °C	57 °C
Poff	0 W	0 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	80 W	80 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	15206 kWh	29030 kWh
Pdh Tj = -15°C (if TOL<-20°C)	0.01	0.01
COP Tj = -15°C (if TOL<-20°C)	0.01	0.01
Cdh Tj = -15 °C	0.90	0.90

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	59 dB(A)	59 dB(A)
Sound power level outdoor	70 dB(A)	70 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	144 %	113 %
Prated	19.00 kW	19.00 kW
SCOP	3.68	2.89
Tbiv	-10 °C	-10 °C
TOL	-20 °C	-10 °C
Pdh Tj = -7°C	20.06 kW	18.65 kW
COP Tj = -7°C	2.75	2.00
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	22.46 kW	22.24 kW
COP Tj = +2°C	3.53	2.70
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	31.80 kW	30.90 kW
COP Tj = +7°C	4.82	4.01
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	35.28 kW	34.75 kW
COP Tj = 12°C	5.78	5.09
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	35.10 kW	17.90 kW
COP Tj = Tbiv	2.50	1.80
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	19.00 kW	17.90 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.80
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	57 °C	57 °C
Poff	0 W	0 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	80 W	80 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	10667 kWh	13781 kWh

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com

Disclaimer: this document is a summary of the certified performance.
The authoritative source of this information is the heat pump certificate as executed by the certification body and the related technical data.

Model: AEROTOP T26R

Configure model	
Model name	AEROTOP T26R
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	Colder Climate + Warmer Climate
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	3x230V 50Hz

Heating

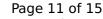| EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2	Low temperature	Medium temperature
Heat output	31.00 kW	29.00 kW
El input	7.56 kW	10.74 kW
COP	4.10	2.70

Warmer Climate

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CEN heat pump KEYMARK

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	59 dB(A)	59 dB(A)
Sound power level outdoor	68 dB(A)	68 dB(A)

EN 14825

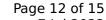|	Low temperature	Medium temperature
η_s	189 %	123 %
Prated	24.00 kW	26.00 kW
SCOP	4.80	3.16
Tbiv	2 °C	2 °C
TOL	-20 °C	-10 °C
Pdh Tj = +2°C	22.37 kW	22.00 kW
COP Tj = +2°C	3.17	2.40
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	31.40 kW	29.90 kW
COP Tj = +7°C	4.46	3.22
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	35.10 kW	34.39 kW
COP Tj = 12°C	5.55	2.19
Cdh Tj = +12 °C	1.00	1.00

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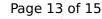|		
Pdh Tj = Tbiv	22.37 kW	22.00 kW
COP Tj = Tbiv	3.17	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	22.37 kW	22.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.17	2.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	57 °C	57 °C
Poff	0 W	0 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	80 W	80 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	6789 kWh	11117 kWh

Colder Climate

EN 12102-1		
	Low temperature	**Medium temperature**
Sound power level indoor	59 dB(A)	59 dB(A)
Sound power level outdoor	68 dB(A)	68 dB(A)

EN 14825

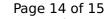|	Low temperature	Medium temperature
η_s	134 %	93 %
Prated	21.00 kW	28.00 kW
SCOP	3.43	2.41
Tbiv	-15 °C	-10 °C
TOL	-20 °C	-10 °C
Pdh Tj = -7°C	20.37 kW	19.28 kW
COP Tj = -7°C	2.94	2.29
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	22.52 kW	22.33 kW
COP Tj = +2°C	3.74	3.03
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	32.00 kW	31.30 kW
COP Tj = +7°C	5.00	4.37
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	35.28 kW	34.92 kW
COP Tj = 12°C	5.78	5.32
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	17.09 kW	18.40 kW
COP Tj = Tbiv	2.35	2.13
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	17.10 kW	18.40 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.33	2.13
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	57 °C	57 °C
Poff	0 W	0 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	80 W	80 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	15030 kWh	28853 kWh
Pdh Tj = -15°C (if TOL<-20°C)	0.01	0.01
COP Tj = -15°C (if TOL<-20°C)	0.01	0.01
Cdh Tj = -15 °C	0.90	0.90

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	59 dB(A)	59 dB(A)
Sound power level outdoor	68 dB(A)	68 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	148 %	115 %
Prated	19.00 kW	19.00 kW
SCOP	3.78	2.96
Tbiv	-10 °C	-10 °C
TOL	-20 °C	-10 °C
Pdh Tj = -7°C	20.06 kW	18.65 kW
COP Tj = -7°C	2.75	2.00
Cdh Tj = -7 °C	1.00	1.00
Pdh Tj = +2°C	22.46 kW	22.24 kW
COP Tj = +2°C	3.53	2.70
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	31.80 kW	30.90 kW
COP Tj = +7°C	4.82	4.01
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	35.28 kW	34.75 kW
COP Tj = 12°C	5.78	5.09
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	35.10 kW	17.90 kW
COP Tj = Tbiv	2.50	1.80
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	19.00 kW	17.90 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.80
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	57 °C	57 °C
Poff	0 W	0 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	80 W	80 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	10373 kWh	13487 kWh