Subtype Tri-Thermal R290 monobloc series 8 10 kW	
Certificate Holder	GD TCL Intelligent Heating & Ventilating Equipment Co., Ltd.
Address	No. 7 Yuanlin Road,
ZIP	
City	Guangdong
Country	CN
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Tri-Thermal R290 monobloc series 8 10 kW
Registration number	011-1W0855
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1.1 kg
Certification Date	02.08.2024
Testing basis	HP KEYMARK certification scheme rules V14

Model THML-8D/FBp-A

Model name	THML-8D/FBp-A
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder, Warmer, Warmer Climate, Colder Climate
Heat Source	Outdoor Air
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	8.00 kW	8.00 kW
El input	1.60 kW	2.50 kW
COP	5.00	3.20

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	210 %	152 %
Prated	8.10 kW	8.20 kW
SCOP	5.33	3.88
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.10 kW	7.20 kW
COP Tj = -7°C	3.17	2.34
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.40 kW	4.50 kW
COP Tj = +2°C	5.05	3.77
Cdh Tj = +2 °C	0.900	0.900

Pdh Tj = +7°C	2.80 kW	3.10 kW
COP Tj = +7°C	7.61	5.75
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	2.70 kW
COP Tj = 12°C	9.48	7.84
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	7.10 kW	7.20 kW
COP Tj = Tbiv	3.17	2.34
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.00 kW	7.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.70	2.09
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.10 kW	0.60 kW
Annual energy consumption Qhe	3123 kWh	4237 kWh

EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	172 %	137 %
Prated	7.80 kW	8.40 kW
SCOP	4.38	3.51
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	4.70 kW	5.00 kW
COP Tj = -7°C	3.50	2.85
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	2.90 kW	2.90 kW
COP Tj = +2°C	5.31	4.15
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.80 kW	2.10 kW
COP Tj = +7°C	8.14	6.30
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	2.70 kW
COP Tj = 12°C	9.08	8.24
Cdh Tj = +12 °C	0.900	0.900

Pdh Tj = Tbiv	6.40 kW	6.80 kW
COP Tj = Tbiv	2.59	2.10
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.20 kW	6.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.05	1.71
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.60 kW	2.30 kW
Annual energy consumption Qhe	4383 kWh	5884 kWh
Pdh Tj = -15°C (if TOL	6.40	6.80
COP Tj = -15°C (if TOL	2.59	2.10
Cdh Tj = -15 °C	0.900	0.900

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	269 %	200 %
Prated	8.10 kW	8.30 kW
SCOP	6.80	5.08
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	7.30 kW	8.10 kW
COP Tj = +2°C	3.37	2.45
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.20 kW	5.30 kW
COP Tj = +7°C	6.09	4.31
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	2.30 kW
COP Tj = 12°C	9.48	6.87
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.20 kW	5.30 kW
COP Tj = Tbiv	6.09	4.31
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.30 kW	8.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.37	2.45

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	0.20 kW
Annual energy consumption Qhe	1591 kWh	2173 kWh

Model THMLd-8D/3FBp-A	
Model name	THMLd-8D/3FBp-A
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder, Warmer, Warmer Climate, Colder Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	

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

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	8.00 kW	8.00 kW
El input	1.60 kW	2.50 kW
COP	5.00	3.20

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	210 %	152 %
Prated	8.10 kW	8.20 kW
SCOP	5.33	3.88
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.10 kW	7.20 kW
COP Tj = -7°C	3.17	2.34
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.40 kW	4.50 kW
COP Tj = +2°C	5.05	3.77
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.80 kW	3.10 kW

COP Tj = +7°C	7.61	5.75
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	2.70 kW
COP Tj = 12°C	9.48	7.84
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	7.10 kW	7.20 kW
COP Tj = Tbiv	3.17	2.34
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.00 kW	7.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.70	2.09
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.10 kW	0.60 kW
Annual energy consumption Qhe	3123 kWh	4237 kWh

EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	172 %	137 %
Prated	7.80 kW	8.40 kW
SCOP	4.38	3.51
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	4.70 kW	5.00 kW
COP Tj = -7°C	3.50	2.85
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	2.90 kW	2.90 kW
COP Tj = +2°C	5.31	4.15
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.80 kW	2.10 kW
COP Tj = +7°C	8.14	6.30
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	2.70 kW
COP Tj = 12°C	9.08	8.24
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	6.40 kW	6.80 kW

COP Tj = Tbiv	2.59	2.10
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.20 kW	6.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.05	1.71
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.60 kW	2.30 kW
Annual energy consumption Qhe	4383 kWh	5884 kWh
Pdh Tj = -15°C (if TOL	6.40	6.80
COP Tj = -15°C (if TOL	2.59	2.10
Cdh Tj = -15 °C	0.900	0.900

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	269 %	200 %
Prated	8.10 kW	8.30 kW
SCOP	6.80	5.08
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	7.30 kW	8.10 kW
COP Tj = +2°C	3.37	2.45
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.20 kW	5.30 kW
COP Tj = +7°C	6.09	4.31
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	2.30 kW
COP Tj = 12°C	9.48	6.87
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.20 kW	5.30 kW
COP Tj = Tbiv	6.09	4.31
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.30 kW	8.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.37	2.45

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	0.20 kW
Annual energy consumption Qhe	1591 kWh	2173 kWh

Model THML-10D/FBp-A	
Model name	THML-10D/FBp-A
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder, Warmer, Warmer Climate, Colder Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

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

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	9.50 kW	9.50 kW
El input	2.07 kW	3.06 kW
COP	4.60	3.10

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	61 dB(A)	61 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	190 %	151 %
Prated	9.50 kW	9.50 kW
SCOP	4.83	3.85
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.40 kW	8.40 kW
COP Tj = -7°C	2.70	2.27
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	5.30 kW	5.20 kW
COP Tj = +2°C	4.88	3.73
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.10 kW	3.40 kW

COP Tj = +7°C	6.14	5.70
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	2.70 kW
COP Tj = 12°C	9.48	8.09
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	8.40 kW	8.40 kW
COP Tj = Tbiv	2.70	2.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.50 kW	8.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.58	2.06
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.00 kW	1.40 kW
Annual energy consumption Qhe	4060 kWh	4975 kWh

EN 12102-1 | Colder Climate		
	Low temperature	Medium temperature
Sound power level outdoor	61 dB(A)	61 dB(A)

EN 14825 | Colder Climate		
	Low temperature	Medium temperature
ηs	169 %	137 %
Prated	8.70 kW	9.10 kW
SCOP	4.30	3.50
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	5.20 kW	5.50 kW
COP Tj = -7°C	3.47	2.87
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.20 kW	3.50 kW
COP Tj = +2°C	5.35	4.13
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.20 kW	2.30 kW
COP Tj = +7°C	6.87	6.66
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	2.70 kW
COP Tj = 12°C	9.08	8.24
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	7.10 kW	7.40 kW

COP Tj = Tbiv	2.51	2.05
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.20 kW	6.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.05	1.71
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.50 kW	3.00 kW
Annual energy consumption Qhe	4976 kWh	6414 kWh
Pdh Tj = -15°C (if TOL	7.10	7.40
COP Tj = -15°C (if TOL	2.51	2.05
Cdh Tj = -15 °C	0.900	0.900

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	61 dB(A)	61 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	259 %	196 %
Prated	10.00 kW	10.00 kW
SCOP	6.55	4.98
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	8.20 kW	9.00 kW
COP Tj = +2°C	3.32	2.31
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	6.40 kW	6.40 kW
COP Tj = +7°C	5.64	4.09
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.90 kW	2.80 kW
COP Tj = 12°C	10.29	7.32
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	6.40 kW	6.40 kW
COP Tj = Tbiv	5.64	4.09
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.20 kW	9.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.32	2.31

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.80 kW	1.00 kW
Annual energy consumption Qhe	2043 kWh	2688 kWh

Model THMLd-10D/3FBp-A	
Model name	THMLd-10D/3FBp-A
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder, Warmer, Warmer Climate, Colder Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	

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

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	9.50 kW	9.50 kW
El input	2.07 kW	3.06 kW
COP	4.60	3.10

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	61 dB(A)	61 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	190 %	151 %
Prated	9.50 kW	9.50 kW
SCOP	4.83	3.85
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.40 kW	8.40 kW
COP Tj = -7°C	2.70	2.27
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	5.30 kW	5.20 kW
COP Tj = +2°C	4.88	3.73
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.10 kW	3.40 kW

COP Tj = +7°C	6.14	5.70
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	2.70 kW
COP Tj = 12°C	9.48	8.09
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	8.40 kW	8.40 kW
COP Tj = Tbiv	2.70	2.27
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.50 kW	8.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.58	2.06
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.00 kW	1.40 kW
Annual energy consumption Qhe	4060 kWh	4975 kWh

EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	61 dB(A)	61 dB(A)

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	169 %	137 %
Prated	8.70 kW	9.10 kW
SCOP	4.30	3.50
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	5.20 kW	5.50 kW
COP Tj = -7°C	3.47	2.87
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.20 kW	3.50 kW
COP Tj = +2°C	5.35	4.13
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.20 kW	2.30 kW
COP Tj = +7°C	6.87	6.66
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	2.70 kW
COP Tj = 12°C	9.08	8.24
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	7.10 kW	7.40 kW

COP Tj = Tbiv	2.51	2.05
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.20 kW	6.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.05	1.71
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.50 kW	3.00 kW
Annual energy consumption Qhe	4976 kWh	6414 kWh
Pdh Tj = -15°C (if TOL	7.10	7.40
COP Tj = -15°C (if TOL	2.51	2.05
Cdh Tj = -15 °C	0.900	0.900

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	61 dB(A)	61 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	259 %	196 %
Prated	10.00 kW	10.00 kW
SCOP	6.55	4.98
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	8.20 kW	9.00 kW
COP Tj = +2°C	3.32	2.31
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	6.40 kW	6.40 kW
COP Tj = +7°C	5.64	4.09
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.90 kW	2.80 kW
COP Tj = 12°C	10.29	7.32
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	6.40 kW	6.40 kW
COP Tj = Tbiv	5.64	4.09
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.20 kW	9.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.32	2.31

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.80 kW	1.00 kW
Annual energy consumption Qhe	2043 kWh	2688 kWh