Subtype Tri-Thermal R290 monobloc series 4 6 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 4 6 kW
Registration number	011-1W0856
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.74 kg
Certification Date	30.10.2024
Testing basis	HP KEYMARK certification scheme rules V14

Model THML-4D/FBp-A	
Model name	THML-4D/FBp-A
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	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	4.20 kW	4.40 kW
El input	0.83 kW	1.40 kW
COP	5.09	3.15

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	198 %	149 %
Prated	5.00 kW	4.90 kW
SCOP	5.03	3.80
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.50 kW	4.30 kW
COP Tj = -7°C	3.22	2.32
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	2.90 kW	2.80 kW
COP Tj = +2°C	4.76	3.70
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.40 kW	2.10 kW

COP Tj = +7°C	7.06	5.21
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.00 kW	1.90 kW
COP Tj = 12°C	9.29	7.15
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	4.50 kW	4.30 kW
COP Tj = Tbiv	3.22	2.32
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.00 kW	4.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.68	2.10
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	2097 kWh	2634 kWh

EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	173 %	126 %
Prated	5.00 kW	4.00 kW
SCOP	4.40	3.23
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.10 kW	2.40 kW
COP Tj = -7°C	3.65	2.53
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	2.00 kW	1.50 kW
COP Tj = +2°C	5.49	4.01
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.50 kW	1.60 kW
COP Tj = +7°C	6.71	5.67
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.80 kW	1.80 kW
COP Tj = 12°C	7.96	6.63
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	4.20 kW	3.20 kW

COP Tj = Tbiv	2.68	2.06
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.40 kW	2.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.10	1.53
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.60 kW	1.40 kW
Annual energy consumption Qhe	2880 kWh	3020 kWh
Pdh Tj = -15°C (if TOL	4.20	3.20
COP Tj = -15°C (if TOL	2.68	2.06
Cdh Tj = -15 °C	0.900	0.900

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	268 %	187 %
Prated	5.30 kW	5.00 kW
SCOP	6.72	4.74
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.30 kW	4.90 kW
COP Tj = +2°C	3.48	2.43
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.40 kW	3.20 kW
COP Tj = +7°C	6.26	4.13
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.90 kW	1.90 kW
COP Tj = 12°C	8.36	6.26
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	3.40 kW	3.20 kW
COP Tj = Tbiv	6.26	4.13
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.30 kW	4.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.48	2.43

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.10 kW
Annual energy consumption Qhe	1064 kWh	1406 kWh

Model THMLd-4D/3FBp-A	
Model name	THMLd-4D/3FBp-A
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	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	4.20 kW	4.40 kW
El input	0.83 kW	1.40 kW
COP	5.09	3.15

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	198 %	149 %
Prated	5.00 kW	4.90 kW
SCOP	5.03	3.80
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.50 kW	4.30 kW
COP Tj = -7°C	3.22	2.32
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	2.90 kW	2.80 kW
COP Tj = +2°C	4.76	3.70
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.40 kW	2.10 kW

COP Tj = +7°C	7.06	5.21
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.00 kW	1.90 kW
COP Tj = 12°C	9.29	7.15
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	4.50 kW	4.30 kW
COP Tj = Tbiv	3.22	2.32
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.00 kW	4.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.68	2.10
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	2097 kWh	2634 kWh

EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	173 %	126 %
Prated	5.00 kW	4.00 kW
SCOP	4.40	3.23
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.10 kW	2.40 kW
COP Tj = -7°C	3.65	2.53
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	2.00 kW	1.50 kW
COP Tj = +2°C	5.49	4.01
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.50 kW	1.60 kW
COP Tj = +7°C	6.71	5.67
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.80 kW	1.80 kW
COP Tj = 12°C	7.96	6.63
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	4.20 kW	3.20 kW

COP Tj = Tbiv	2.68	2.06
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.40 kW	2.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.10	1.53
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.60 kW	1.40 kW
Annual energy consumption Qhe	2880 kWh	3020 kWh
Pdh Tj = -15°C (if TOL	4.20	3.20
COP Tj = -15°C (if TOL	2.68	2.06
Cdh Tj = -15 °C	0.900	0.900

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	268 %	187 %
Prated	5.30 kW	5.00 kW
SCOP	6.72	4.74
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.30 kW	4.90 kW
COP Tj = +2°C	3.48	2.43
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.40 kW	3.20 kW
COP Tj = +7°C	6.26	4.13
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.90 kW	1.90 kW
COP Tj = 12°C	8.36	6.26
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	3.40 kW	3.20 kW
COP Tj = Tbiv	6.26	4.13
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.30 kW	4.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.48	2.43

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.10 kW
Annual energy consumption Qhe	1064 kWh	1406 kWh

Model THML-6D/FBp-A	
Model name	THML-6D/FBp-A
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	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	6.20 kW	6.00 kW
El input	1.27 kW	1.94 kW
COP	4.90	3.10

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	191 %	148 %
Prated	6.40 kW	5.90 kW
SCOP	4.85	3.78
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.70 kW	5.20 kW
COP Tj = -7°C	2.77	2.25
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.60 kW	3.30 kW
COP Tj = +2°C	4.60	3.64
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.40 kW	2.10 kW

COP Tj = +7°C	7.19	5.20
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.00 kW	1.90 kW
COP Tj = 12°C	9.40	6.95
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.70 kW	5.20 kW
COP Tj = Tbiv	2.77	2.25
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.61	2.06
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.00 kW	0.80 kW
Annual energy consumption Qhe	2739 kWh	3251 kWh

EN 12102-1 | Colder Climate

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

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	176 %	133 %
Prated	6.00 kW	5.00 kW
SCOP	4.48	3.40
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.70 kW	3.10 kW
COP Tj = -7°C	3.69	2.78
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	2.30 kW	1.90 kW
COP Tj = +2°C	5.63	4.22
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.60 kW	1.60 kW
COP Tj = +7°C	7.11	5.51
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.80 kW	1.90 kW
COP Tj = 12°C	8.03	6.99
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	4.90 kW	4.10 kW

COP Tj = Tbiv	2.58	2.06
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.70 kW	2.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.10	1.53
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.30 kW	2.40 kW
Annual energy consumption Qhe	3362 kWh	3681 kWh
Pdh Tj = -15°C (if TOL	4.90	4.10
COP Tj = -15°C (if TOL	2.58	2.06
Cdh Tj = -15 °C	0.900	0.900

EN 12102-1 | Warmer Climate

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

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	259 %	183 %
Prated	6.00 kW	5.00 kW
SCOP	6.55	4.65
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.90 kW	5.00 kW
COP Tj = +2°C	3.34	2.44
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.80 kW	3.20 kW
COP Tj = +7°C	5.68	3.97
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.90 kW	1.80 kW
COP Tj = 12°C	8.57	6.18
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	3.80 kW	3.20 kW
COP Tj = Tbiv	5.68	3.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.90 kW	5.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.34	2.44

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.10 kW	0.00 kW
Annual energy consumption Qhe	1212 kWh	1447 kWh

Model THMLd-6D/3FBp-A	
Model name	THMLd-6D/3FBp-A
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	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	6.20 kW	6.00 kW
El input	1.27 kW	1.94 kW
COP	4.90	3.10

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	191 %	148 %
Prated	6.40 kW	5.90 kW
SCOP	4.85	3.78
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.70 kW	5.20 kW
COP Tj = -7°C	2.77	2.25
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.60 kW	3.30 kW
COP Tj = +2°C	4.60	3.64
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.40 kW	2.10 kW

COP Tj = +7°C	7.19	5.20
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.00 kW	1.90 kW
COP Tj = 12°C	9.40	6.95
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.70 kW	5.20 kW
COP Tj = Tbiv	2.77	2.25
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.61	2.06
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.00 kW	0.80 kW
Annual energy consumption Qhe	2739 kWh	3251 kWh

EN 12102-1 | Colder Climate		
	Low temperature	Medium temperature
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Colder Climate		
	Low temperature	Medium temperature
ηs	176 %	133 %
Prated	6.00 kW	5.00 kW
SCOP	4.48	3.40
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.70 kW	3.10 kW
COP Tj = -7°C	3.69	2.78
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	2.30 kW	1.90 kW
COP Tj = +2°C	5.63	4.22
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.60 kW	1.60 kW
COP Tj = +7°C	7.11	5.51
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.80 kW	1.90 kW
COP Tj = 12°C	8.03	6.99
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	4.90 kW	4.10 kW

COP Tj = Tbiv	2.58	2.06
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.70 kW	2.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.10	1.53
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.30 kW	2.40 kW
Annual energy consumption Qhe	3362 kWh	3681 kWh
Pdh Tj = -15°C (if TOL	4.90	4.10
COP Tj = -15°C (if TOL	2.58	2.06
Cdh Tj = -15 °C	0.900	0.900

EN 12102-1 | Warmer Climate

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

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	259 %	183 %
Prated	6.00 kW	5.00 kW
SCOP	6.55	4.65
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.90 kW	5.00 kW
COP Tj = +2°C	3.34	2.44
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.80 kW	3.20 kW
COP Tj = +7°C	5.68	3.97
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.90 kW	1.80 kW
COP Tj = 12°C	8.57	6.18
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	3.80 kW	3.20 kW
COP Tj = Tbiv	5.68	3.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.90 kW	5.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.34	2.44

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.10 kW	0.00 kW
Annual energy consumption Qhe	1212 kWh	1447 kWh