

Subtype Tri-Thermal monobloc series 04 06 kW

Certificate Holder	GD TCL Intelligent Heating & Ventilating Equipment Co., Ltd.
Address	No. 7 Yuanlin Road,
ZIP	
City	Guangdong
Country	CN
Certification Body	BRE Global Limited
Subtype title	Tri-Thermal monobloc series 04 06 kW
Registration number	041-K051-08
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.3 kg
Certification Date	18.12.2023
Testing basis	Heat Pump Keymark Scheme Rules Rev 12

Model THML-4D/HBp-A

Model name	THML-4D/HBp-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	4.20 kW	4.40 kW
El input	0.82 kW	1.49 kW
COP	5.10	2.95

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
η_s	181 %	131 %
Prated	5.70 kW	4.70 kW
SCOP	4.60	3.35
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.10 kW	4.20 kW
COP Tj = -7°C	2.81	2.14
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.10 kW	2.50 kW
COP Tj = +2°C	4.35	3.26
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.10 kW	1.70 kW

COP Tj = +7°C	6.51	4.44
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.70 kW	1.40 kW
COP Tj = 12°C	8.72	5.55
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.10 kW	4.20 kW
COP Tj = Tbiv	2.81	2.14
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.60 kW	3.70 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.62	1.72
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °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	1.10 kW	1.00 kW
Annual energy consumption Qhe	2574 kWh	2898 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	160 %	107 %
Prated	5.00 kW	3.70 kW
SCOP	4.08	2.75
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.00 kW	2.30 kW
COP Tj = -7°C	3.47	2.34
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	1.90 kW	1.40 kW
COP Tj = +2°C	4.97	3.21
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.20 kW	1.60 kW
COP Tj = +7°C	5.68	4.50
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.60 kW	1.50 kW
COP Tj = 12°C	7.77	6.25
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	4.10 kW	3.00 kW

COP Tj = Tbiv	2.51	1.69
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.30 kW	2.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.72	1.17
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °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	1.70 kW	1.20 kW
Annual energy consumption Qhe	3041 kWh	3310 kWh
Pdh Tj = -15°C (if TOL	4.10	3.00
COP Tj = -15°C (if TOL	2.51	1.69
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
η_s	261 %	164 %
Prated	5.30 kW	5.00 kW
SCOP	6.60	4.18
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.30 kW	5.00 kW
COP Tj = +2°C	3.39	2.31
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.40 kW	3.20 kW
COP Tj = +7°C	5.78	3.68
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.70 kW	1.50 kW
COP Tj = 12°C	8.49	5.17
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	3.40 kW	3.20 kW
COP Tj = Tbiv	5.78	3.68
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.30 kW	5.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.39	2.31

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °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	0.00 kW
Annual energy consumption Qhe	1075 kWh	1611 kWh

Model THMLd-4D/3HBp-A

Model name	THMLd-4D/3HBp-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	4.20 kW	4.40 kW
El input	0.82 kW	1.49 kW
COP	5.10	2.95

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
η_s	181 %	131 %
Prated	5.70 kW	4.70 kW
SCOP	4.60	3.35
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.10 kW	4.20 kW
COP Tj = -7°C	2.81	2.14
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.10 kW	2.50 kW
COP Tj = +2°C	4.35	3.26
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.10 kW	1.70 kW

COP Tj = +7°C	6.51	4.44
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.70 kW	1.40 kW
COP Tj = 12°C	8.72	5.55
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.10 kW	4.20 kW
COP Tj = Tbiv	2.81	2.14
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.60 kW	3.70 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.62	1.72
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °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	1.10 kW	1.00 kW
Annual energy consumption Qhe	2574 kWh	2898 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	160 %	107 %
Prated	5.00 kW	3.70 kW
SCOP	4.08	2.75
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.00 kW	2.30 kW
COP Tj = -7°C	3.47	2.34
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	1.90 kW	1.40 kW
COP Tj = +2°C	4.97	3.21
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.20 kW	1.60 kW
COP Tj = +7°C	5.68	4.50
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.60 kW	1.50 kW
COP Tj = 12°C	7.77	6.25
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	4.10 kW	3.00 kW

COP Tj = Tbiv	2.51	1.69
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.30 kW	2.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.72	1.17
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °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	1.70 kW	1.20 kW
Annual energy consumption Qhe	3041 kWh	3310 kWh
Pdh Tj = -15°C (if TOL	4.10	3.00
COP Tj = -15°C (if TOL	2.51	1.69
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
η_s	261 %	164 %
Prated	5.30 kW	5.00 kW
SCOP	6.60	4.18
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.30 kW	5.00 kW
COP Tj = +2°C	3.39	2.31
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.40 kW	3.20 kW
COP Tj = +7°C	5.78	3.68
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.70 kW	1.50 kW
COP Tj = 12°C	8.49	5.17
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	3.40 kW	3.20 kW
COP Tj = Tbiv	5.78	3.68
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.30 kW	5.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.39	2.31

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °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	0.00 kW
Annual energy consumption Qhe	1075 kWh	1611 kWh

Model THMLd-6D/3HBp-A

Model name	THMLd-6D/3HBp-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	6.22 kW	6.00 kW
El input	1.27 kW	2.03 kW
COP	4.90	2.96

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
η_s	183 %	137 %
Prated	7.00 kW	6.00 kW
SCOP	4.65	3.50
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.20 kW	5.30 kW
COP Tj = -7°C	2.74	2.12
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.60 kW	3.20 kW
COP Tj = +2°C	4.39	3.43
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.50 kW	2.10 kW

COP Tj = +7°C	6.72	4.63
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.40 kW	1.40 kW
COP Tj = 12°C	8.13	5.70
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	6.20 kW	5.30 kW
COP Tj = Tbiv	2.74	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.00 kW	5.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.55	1.81
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °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	1.00 kW
Annual energy consumption Qhe	3120 kWh	3557 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	166 %	113 %
Prated	6.00 kW	5.00 kW
SCOP	4.23	2.90
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.60 kW	3.10 kW
COP Tj = -7°C	3.52	2.49
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	2.20 kW	1.80 kW
COP Tj = +2°C	5.35	3.52
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.50 kW	1.20 kW
COP Tj = +7°C	6.75	4.12
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.60 kW	1.40 kW
COP Tj = 12°C	7.85	6.20
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	4.90 kW	4.00 kW

COP Tj = Tbiv	2.39	1.74
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.60 kW	2.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.78	1.17
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °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	2.40 kW	2.50 kW
Annual energy consumption Qhe	3513 kWh	4204 kWh
Pdh Tj = -15°C (if TOL	4.90	4.00
COP Tj = -15°C (if TOL	2.39	1.74
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	262 %	167 %
Prated	6.00 kW	5.00 kW
SCOP	6.63	4.25
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.90 kW	5.00 kW
COP Tj = +2°C	3.48	2.36
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.90 kW	3.20 kW
COP Tj = +7°C	5.70	3.73
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.00 kW	1.60 kW
COP Tj = 12°C	8.74	5.41
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	3.90 kW	3.20 kW
COP Tj = Tbiv	5.70	3.73
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	3.48	2.36

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °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	1575 kWh

Model THML-6D/HBp-A

Model name	THML-6D/HBp-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	6.22 kW	6.00 kW
El input	1.27 kW	2.03 kW
COP	4.90	2.96

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
η_s	183 %	137 %
Prated	7.00 kW	6.00 kW
SCOP	4.65	3.50
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.20 kW	5.30 kW
COP Tj = -7°C	2.74	2.12
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.60 kW	3.20 kW
COP Tj = +2°C	4.39	3.43
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.50 kW	2.10 kW

COP Tj = +7°C	6.72	4.63
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.40 kW	1.40 kW
COP Tj = 12°C	8.13	5.70
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	6.20 kW	5.30 kW
COP Tj = Tbiv	2.74	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.00 kW	5.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.55	1.81
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °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	1.00 kW
Annual energy consumption Qhe	3120 kWh	3557 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	166 %	113 %
Prated	6.00 kW	5.00 kW
SCOP	4.23	2.90
Tbiv	-15 °C	-15 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.60 kW	3.10 kW
COP Tj = -7°C	3.52	2.49
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	2.20 kW	1.80 kW
COP Tj = +2°C	5.35	3.52
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.50 kW	1.20 kW
COP Tj = +7°C	6.75	4.12
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.60 kW	1.40 kW
COP Tj = 12°C	7.85	6.20
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	4.90 kW	4.00 kW

COP Tj = Tbiv	2.39	1.74
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.60 kW	2.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.78	1.17
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °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	2.40 kW	2.50 kW
Annual energy consumption Qhe	3513 kWh	4204 kWh
Pdh Tj = -15°C (if TOL	4.90	4.00
COP Tj = -15°C (if TOL	2.39	1.74
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
η_s	262 %	167 %
Prated	6.00 kW	5.00 kW
SCOP	6.63	4.25
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	5.90 kW	5.00 kW
COP Tj = +2°C	3.48	2.36
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.90 kW	3.20 kW
COP Tj = +7°C	5.70	3.73
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.00 kW	1.60 kW
COP Tj = 12°C	8.74	5.41
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	3.90 kW	3.20 kW
COP Tj = Tbiv	5.70	3.73
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	3.48	2.36

Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °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	1575 kWh