Subtype Monobloc ACHP-H series 08/10	
Certificate Holder	Ningbo AUX Electric Co., Ltd
Address	1166 Mingguang North Road
ZIP	315191
City	Ningbo Zhejiang
Country	CN
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Monobloc ACHP-H series 08/10
Registration number	011-1W0740
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.85 kg
Certification Date	27.11.2023
Testing basis	European KEYMARK Scheme for Heat Pumps Version 12 (2023-03)

Model ACHP-H08/5R2HA-M	
Model name	ACHP-H08/5R2HA-M
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Warmer
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	3x400V 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	8.40 kW	7.80 kW
El input	1.68 kW	2.36 kW
COP	5.00	3.30

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	198 %	152 %
Prated	8.10 kW	6.60 kW
SCOP	5.15	3.87
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.17 kW	5.84 kW
COP Tj = -7°C	3.23	2.43
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.36 kW	3.55 kW
COP Tj = +2°C	4.93	3.83
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.80 kW	2.28 kW

COP Tj = +7°C	6.81	4.98
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	3.15 kW	2.99 kW
COP Tj = 12°C	10.10	7.66
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	7.17 kW	5.84 kW
COP Tj = Tbiv	3.23	2.43
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.44 kW	4.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.23	2.43
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	2 W	2 W
PTO	30 W	30 W
PSB	2 W	2 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.66 kW	1.70 kW
Annual energy consumption Qhe	3246 kWh	3510 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	272 %	173 %
Prated	8.10 kW	7.60 kW
SCOP	6.87	4.40
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	7.80 kW	7.30 kW
COP Tj = +2°C	3.98	2.59
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.21 kW	4.89 kW
COP Tj = +7°C	5.88	3.90
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.63 kW	2.17 kW
COP Tj = 12°C	9.36	5.55
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.21 kW	4.89 kW
COP Tj = Tbiv	5.88	3.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.80 kW	7.30 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.98	2.59
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	2 W	2 W
PTO	30 W	30 W
PSB	2 W	2 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.30 kW	0.30 kW
Annual energy consumption Qhe	1573 kWh	2304 kWh

Model ACHP-H10/5R2HA-M	
Model name	ACHP-H10/5R2HA-M
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Warmer
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	3x400V 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	10.00 kW	9.50 kW
El input	2.08 kW	3.25 kW
COP	4.80	2.92

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	203 %	154 %
Prated	9.20 kW	7.70 kW
SCOP	5.15	3.92
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.14 kW	6.81 kW
COP Tj = -7°C	3.10	2.43
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.95 kW	4.15 kW
COP Tj = +2°C	5.10	3.82
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.18 kW	2.67 kW

COP Tj = +7°C	6.50	5.00
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.42 kW	1.18 kW
COP Tj = 12°C	10.00	7.60
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	8.14 kW	6.81 kW
COP Tj = Tbiv	3.10	2.43
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.40 kW	5.23 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.10	2.43
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	2 W	2 W
PTO	30 W	30 W
PSB	2 W	2 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.80 kW	2.47 kW
Annual energy consumption Qhe	3690 kWh	4055 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	267 %	177 %
Prated	8.60 kW	8.60 kW
SCOP	6.75	4.50
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	8.20 kW	8.20 kW
COP Tj = +2°C	3.84	2.59
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.53 kW	5.53 kW
COP Tj = +7°C	5.85	3.93
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.46 kW	2.46 kW
COP Tj = 12°C	9.04	5.82
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.53 kW	5.53 kW
COP Tj = Tbiv	5.85	3.93
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.20 kW	8.20 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.84	2.59
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	2 W	2 W
PTO	30 W	30 W
PSB	2 W	2 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.40 kW	0.40 kW
Annual energy consumption Qhe	1701 kWh	2545 kWh

Model ACHP-H08/4R2HA-M	
Model name	ACHP-H08/4R2HA-M
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Warmer
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	8.40 kW	7.80 kW
El input	1.68 kW	2.36 kW
COP	5.00	3.30

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	198 %	152 %
Prated	8.10 kW	6.60 kW
SCOP	5.15	3.87
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.17 kW	5.84 kW
COP Tj = -7°C	3.23	2.43
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.36 kW	3.55 kW
COP Tj = +2°C	4.93	3.83
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.80 kW	2.28 kW

COP Tj = +7°C	6.81	4.98
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	3.15 kW	2.99 kW
COP Tj = 12°C	10.10	7.66
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	7.17 kW	5.84 kW
COP Tj = Tbiv	3.23	2.43
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.44 kW	4.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.23	2.43
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	2 W	2 W
PTO	30 W	30 W
PSB	2 W	2 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.66 kW	1.70 kW
Annual energy consumption Qhe	3246 kWh	3510 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	272 %	173 %
Prated	8.10 kW	7.60 kW
SCOP	6.87	4.40
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	7.80 kW	7.30 kW
COP Tj = +2°C	3.98	2.59
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.21 kW	4.89 kW
COP Tj = +7°C	5.88	3.90
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.63 kW	2.17 kW
COP Tj = 12°C	9.36	5.55
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.21 kW	4.89 kW
COP Tj = Tbiv	5.88	3.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.80 kW	7.30 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.98	2.59
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	2 W	2 W
PTO	30 W	30 W
PSB	2 W	2 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.30 kW	0.30 kW
Annual energy consumption Qhe	1573 kWh	2304 kWh

Model ACHP-H10/4R2HA-M	
Model name	ACHP-H10/4R2HA-M
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Warmer
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	10.00 kW	9.50 kW
El input	2.08 kW	3.25 kW
COP	4.80	2.92

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	203 %	154 %
Prated	9.20 kW	7.70 kW
SCOP	5.15	3.92
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.14 kW	6.81 kW
COP Tj = -7°C	3.10	2.43
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.95 kW	4.15 kW
COP Tj = +2°C	5.10	3.82
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.18 kW	2.67 kW

COP Tj = +7°C	6.50	5.00
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.42 kW	1.18 kW
COP Tj = 12°C	10.00	7.60
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	8.14 kW	6.81 kW
COP Tj = Tbiv	3.10	2.43
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.40 kW	5.23 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.10	2.43
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	2 W	2 W
PTO	30 W	30 W
PSB	2 W	2 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.80 kW	2.47 kW
Annual energy consumption Qhe	3690 kWh	4055 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	267 %	177 %
Prated	8.60 kW	8.60 kW
SCOP	6.75	4.50
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	8.20 kW	8.20 kW
COP Tj = +2°C	3.84	2.59
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.53 kW	5.53 kW
COP Tj = +7°C	5.85	3.93
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.46 kW	2.46 kW
COP Tj = 12°C	9.04	5.82
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.53 kW	5.53 kW
COP Tj = Tbiv	5.85	3.93
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.20 kW	8.20 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.84	2.59
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	2 W	2 W
PTO	30 W	30 W
PSB	2 W	2 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.40 kW	0.40 kW
Annual energy consumption Qhe	1701 kWh	2545 kWh

Model ACHP-H08/4R2HA-M(NE)	
Model name	ACHP-H08/4R2HA-M(NE)
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Warmer
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	8.40 kW	7.80 kW
El input	1.68 kW	2.36 kW
COP	5.00	3.30

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	198 %	152 %
Prated	8.10 kW	6.60 kW
SCOP	5.15	3.87
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.17 kW	5.84 kW
COP Tj = -7°C	3.23	2.43
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.36 kW	3.55 kW
COP Tj = +2°C	4.93	3.83
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.80 kW	2.28 kW

COP Tj = +7°C	6.81	4.98
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	3.15 kW	2.99 kW
COP Tj = 12°C	10.10	7.66
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	7.17 kW	5.84 kW
COP Tj = Tbiv	3.23	2.43
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.44 kW	4.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.23	2.43
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	2 W	2 W
PTO	30 W	30 W
PSB	2 W	2 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.66 kW	1.70 kW
Annual energy consumption Qhe	3246 kWh	3510 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	272 %	173 %
Prated	8.10 kW	7.60 kW
SCOP	6.87	4.40
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	7.80 kW	7.30 kW
COP Tj = +2°C	3.98	2.59
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.21 kW	4.89 kW
COP Tj = +7°C	5.88	3.90
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.63 kW	2.17 kW
COP Tj = 12°C	9.36	5.55
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.21 kW	4.89 kW
COP Tj = Tbiv	5.88	3.90
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.80 kW	7.30 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.98	2.59
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	2 W	2 W
PTO	30 W	30 W
PSB	2 W	2 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.30 kW	0.30 kW
Annual energy consumption Qhe	1573 kWh	2304 kWh

Model ACHP-H10/4R2HA-M(NE)	
Model name	ACHP-H10/4R2HA-M(NE)
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Warmer
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	10.00 kW	9.50 kW
El input	2.08 kW	3.25 kW
COP	4.80	2.92

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	203 %	154 %
Prated	9.20 kW	7.70 kW
SCOP	5.15	3.92
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.14 kW	6.81 kW
COP Tj = -7°C	3.10	2.43
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.95 kW	4.15 kW
COP Tj = +2°C	5.10	3.82
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.18 kW	2.67 kW

COP Tj = +7°C	6.50	5.00
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.42 kW	1.18 kW
COP Tj = 12°C	10.00	7.60
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	8.14 kW	6.81 kW
COP Tj = Tbiv	3.10	2.43
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.40 kW	5.23 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.10	2.43
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	2 W	2 W
PTO	30 W	30 W
PSB	2 W	2 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.80 kW	2.47 kW
Annual energy consumption Qhe	3690 kWh	4055 kWh

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	57 dB(A)	57 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	267 %	177 %
Prated	8.60 kW	8.60 kW
SCOP	6.75	4.50
Tbiv	7 °C	7 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	8.20 kW	8.20 kW
COP Tj = +2°C	3.84	2.59
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	5.53 kW	5.53 kW
COP Tj = +7°C	5.85	3.93
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.46 kW	2.46 kW
COP Tj = 12°C	9.04	5.82
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.53 kW	5.53 kW
COP Tj = Tbiv	5.85	3.93
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.20 kW	8.20 kW

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.84	2.59
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	2 W	2 W
PTO	30 W	30 W
PSB	2 W	2 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.40 kW	0.40 kW
Annual energy consumption Qhe	1701 kWh	2545 kWh