

## Subtype S-Therm Yukon commercial Monoblock heat pump 26 30 35 40

Certificate Holder	SINCLAIR Global Group s.r.o.
Address	Purkyňova 45
ZIP	61200
City	Brno
Country	CZ
Certification Body	BRE Global Limited
Subtype title	S-Therm Yukon commercial Monoblock heat pump 26 30 35 40
Registration number	041-K037-33
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	2.9 kg
Certification Date	30.07.2025
Testing basis	HP KEYMARK certification scheme rules rev. no.15
Testing laboratory	Intertek Testing Services Shenzhen LTD. Guangzhou Branch, CN

## Model SMHM-260P-3\*

Model name	SMHM-260P-3*
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder, 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	26.00 kW	26.00 kW
El input	5.45 kW	7.85 kW
COP	4.77	3.31

### EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	69 dB(A)	69 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	194.9 %	150.7 %
Prated	26.0 kW	26.0 kW
SCOP	4.95	3.84
Tbiv	-7 °C	-7 °C
TOL	-10.00 °C	-10.00 °C
Pdh Tj = -7°C	23.41 kW	23.26 kW
COP Tj = -7°C	3.03	2.33
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	14.36 kW	13.92 kW
COP Tj = +2°C	4.87	3.68
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	9.15 kW	9.49 kW

COP Tj = +7°C	6.80	5.51
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	6.87 kW	6.60 kW
COP Tj = 12°C	9.23	6.25
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	23.41 kW	23.26 kW
COP Tj = Tbiv	3.03	2.33
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	26.00 kW	26.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.85	1.98
WTOL	85.00 °C	85.00 °C
Poff	14.00 W	14.00 W
PTO	13.00 W	13.00 W
PSB	14.00 W	14.00 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	10856 kWh	13984 kWh

#### EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	69 dB(A)	69 dB(A)

#### EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	155 %	126 %
Prated	25.0 kW	25.0 kW
SCOP	3.95	3.23
Tbiv	-15.00 °C	-15.00 °C
TOL	-22.00 °C	-22.00 °C
Pdh Tj = -7°C	14.98 kW	15.14 kW
COP Tj = -7°C	3.40	2.64
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	9.42 kW	9.28 kW
COP Tj = +2°C	4.55	3.83
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	6.49 kW	6.28 kW
COP Tj = +7°C	7.03	5.14
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	6.95 kW	6.63 kW
COP Tj = 12°C	7.64	6.95
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	19.54 kW	20.50 kW
COP Tj = Tbiv	2.63	2.09

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	16.82 kW	17.61 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.17	1.71
WTOL	85.00 °C	85.00 °C
Poff	14.00 W	14.00 W
PTO	13.00 W	13.00 W
PSB	14.00 W	14.00 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	8.19 kW	7.39 kW
Annual energy consumption Qhe	15592.00 kWh	19078.00 kWh
Pdh Tj = -15°C (if TOL	19.54	20.50
COP Tj = -15°C (if TOL	2.63	2.09
Cdh Tj = -15 °C	0.90	0.9

#### EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	69 dB(A)	69 dB(A)

#### EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	259.80 %	194.80 %
Prated	26.00 kW	26.00 kW
SCOP	6.57	4.94
Tbiv	7.00 °C	7.00 °C
TOL	2.00 °C	2.00 °C
Pdh Tj = +2°C	26.00 kW	26.00 kW
COP Tj = +2°C	3.66	2.53
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	16.70 kW	16.65 kW
COP Tj = +7°C	5.78	4.11
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	7.67 kW	7.76 kW
COP Tj = 12°C	8.52	6.65
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	16.70 kW	16.65 kW
COP Tj = Tbiv	5.78	4.11
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	26.00 kW	26.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.66	2.53
WTOL	85.00 °C	85.00 °C
Poff	14.00 W	14.00 W
PTO	13.00 W	13.00 W
PSB	14.00 W	14.00 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 Q <sub>he</sub>	5287.00 kWh	7025.00 kWh

## Model SMHM-300P-3\*

Model name	SMHM-300P-3*
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder, 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	30.00 kW	30.00 kW
El input	6.67 kW	9.57 kW
COP	4.50	3.13

### EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	74 dB(A)	74 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	193.8 %	148.7 %
Prated	30.0 kW	30.0 kW
SCOP	4.92	3.79
Tbiv	-7 °C	-7 °C
TOL	-10.00 °C	-10.00 °C
Pdh Tj = -7°C	26.39 kW	27.36 kW
COP Tj = -7°C	2.72	2.07
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	16.65 kW	16.52 kW
COP Tj = +2°C	4.97	3.72
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	10.27 kW	10.74 kW

COP Tj = +7°C	6.91	5.55
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	7.26 kW	6.49 kW
COP Tj = 12°C	9.66	7.09
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	26.39 kW	27.36 kW
COP Tj = Tbiv	2.72	2.07
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	30.00 kW	30.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.45	1.89
WTOL	85.00 °C	85.00 °C
Poff	14.00 W	14.00 W
PTO	13.00 W	13.00 W
PSB	14.00 W	14.00 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	12600 kWh	16346 kWh

#### EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	74 dB(A)	74 dB(A)

#### EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	153 %	123 %
Prated	28.0 kW	28.0 kW
SCOP	3.91	3.14
Tbiv	-7.00 °C	-7.00 °C
TOL	-22.00 °C	-22.00 °C
Pdh Tj = -7°C	15.88 kW	16.54 kW
COP Tj = -7°C	3.56	2.50
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	10.76 kW	10.71 kW
COP Tj = +2°C	4.57	3.76
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	6.07 kW	6.69 kW
COP Tj = +7°C	6.40	5.52
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	6.92 kW	6.84 kW
COP Tj = 12°C	7.11	6.75
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	15.88 kW	16.54 kW
COP Tj = Tbiv	3.56	2.50

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	18.43 kW	19.95 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.13	1.70
WTOL	85.00 °C	85.00 °C
Poff	14.00 W	14.00 W
PTO	13.00 W	13.00 W
PSB	14.00 W	14.00 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	9.57 kW	8.05 kW
Annual energy consumption Qhe	17664.00 kWh	21950.00 kWh
Pdh Tj = -15°C (if TOL	21.33	22.00
COP Tj = -15°C (if TOL	2.56	2.07
Cdh Tj = -15 °C	0.90	0.9

#### EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	74 dB(A)	74 dB(A)

#### EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	247.50 %	193.10 %
Prated	30.00 kW	30.00 kW
SCOP	6.26	4.90
Tbiv	7.00 °C	7.00 °C
TOL	2.00 °C	2.00 °C
Pdh Tj = +2°C	30.00 kW	29.76 kW
COP Tj = +2°C	3.19	2.44
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	19.09 kW	19.05 kW
COP Tj = +7°C	5.44	4.03
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	8.99 kW	9.14 kW
COP Tj = 12°C	8.42	6.70
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	19.09 kW	19.05 kW
COP Tj = Tbiv	5.44	4.03
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	30.00 kW	29.76 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.19	2.44
WTOL	85.00 °C	85.00 °C
Poff	14.00 W	14.00 W
PTO	13.00 W	13.00 W
PSB	14.00 W	14.00 W

PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.24 kW
Annual energy consumption Q <sub>he</sub>	6399.00 kWh	8177.00 kWh

## Model SMHM-350P-3\*

Model name	SMHM-350P-3*
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder, 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	35.00 kW	35.00 kW
El input	8.40 kW	11.75 kW
COP	4.17	2.98

### EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	75 dB(A)	75 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	176.3 %	142.4 %
Prated	35.0 kW	35.0 kW
SCOP	4.48	3.63
Tbiv	-7 °C	-7 °C
TOL	-10.00 °C	-10.00 °C
Pdh Tj = -7°C	27.90 kW	30.66 kW
COP Tj = -7°C	2.55	1.93
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	18.47 kW	19.29 kW
COP Tj = +2°C	4.39	3.54
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	12.06 kW	12.50 kW

COP Tj = +7°C	6.99	5.47
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	7.59 kW	6.51 kW
COP Tj = 12°C	10.89	7.28
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	27.90 kW	30.66 kW
COP Tj = Tbiv	2.55	1.93
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	35.00 kW	34.53 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.05	1.79
WTOL	85.00 °C	85.00 °C
Poff	14.00 W	14.00 W
PTO	13.00 W	13.00 W
PSB	14.00 W	14.00 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.47 kW
Annual energy consumption Qhe	16131 kWh	19899 kWh

#### EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	75 dB(A)	75 dB(A)

#### EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	151 %	118 %
Prated	34.0 kW	33.5 kW
SCOP	3.85	3.03
Tbiv	-7.00 °C	-7.00 °C
TOL	-22.00 °C	-22.00 °C
Pdh Tj = -7°C	18.56 kW	18.34 kW
COP Tj = -7°C	3.49	2.33
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	11.32 kW	11.80 kW
COP Tj = +2°C	4.62	3.71
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	7.57 kW	8.16 kW
COP Tj = +7°C	6.57	5.49
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	6.92 kW	6.84 kW
COP Tj = 12°C	7.11	6.75
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	18.56 kW	18.34 kW
COP Tj = Tbiv	3.49	2.33

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	22.96 kW	24.34 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.93	1.60
WTOL	85.00 °C	85.00 °C
Poff	14.00 W	14.00 W
PTO	13.00 W	13.00 W
PSB	14.00 W	14.00 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	11.04 kW	9.16 kW
Annual energy consumption Qhe	21760.00 kWh	27265.00 kWh
Pdh Tj = -15°C (if TOL	26.02	26.50
COP Tj = -15°C (if TOL	2.29	1.90
Cdh Tj = -15 °C	0.90	0.9

#### EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	75 dB(A)	75 dB(A)

#### EN 14825 | Warmer Climate

	Low temperature	Medium temperature
$\eta_s$	240.30 %	187.10 %
Prated	35.00 kW	35.00 kW
SCOP	6.08	4.75
Tbiv	7.00 °C	7.00 °C
TOL	2.00 °C	2.00 °C
Pdh Tj = +2°C	33.92 kW	33.06 kW
COP Tj = +2°C	2.56	2.31
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	22.44 kW	22.45 kW
COP Tj = +7°C	5.42	3.98
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	10.36 kW	10.16 kW
COP Tj = 12°C	8.43	6.62
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	22.44 kW	22.45 kW
COP Tj = Tbiv	5.42	3.98
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	33.92 kW	33.06 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	2.31
WTOL	85.00 °C	85.00 °C
Poff	14.00 W	14.00 W
PTO	13.00 W	13.00 W
PSB	14.00 W	14.00 W

PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.08 kW	1.94 kW
Annual energy consumption Q <sub>he</sub>	7687.00 kWh	9838.00 kWh

## Model SMHM-400P-3\*

Model name	SMHM-400P-3*
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder, 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	39.00 kW	39.00 kW
El input	9.75 kW	14.00 kW
COP	4.00	2.79

### EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	76 dB(A)	76 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	165.1 %	132.5 %
Prated	39.0 kW	39.0 kW
SCOP	4.20	3.39
Tbiv	-5 °C	-5 °C
TOL	-10.00 °C	-10.00 °C
Pdh Tj = -7°C	31.37 kW	32.08 kW
COP Tj = -7°C	2.53	1.83
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	20.72 kW	19.72 kW
COP Tj = +2°C	4.17	3.34
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	12.92 kW	14.11 kW

COP Tj = +7°C	6.56	5.25
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	6.53 kW	6.18 kW
COP Tj = 12°C	9.22	6.67
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	31.49 kW	32.25 kW
COP Tj = Tbiv	2.62	1.92
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	34.53 kW	33.78 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.98	1.77
WTOL	85.00 °C	85.00 °C
Poff	14.00 W	14.00 W
PTO	13.00 W	13.00 W
PSB	14.00 W	14.00 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	4.47 kW	5.22 kW
Annual energy consumption Qhe	19176 kWh	23781 kWh

#### EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	76 dB(A)	76 dB(A)

#### EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	151 %	117 %
Prated	34.0 kW	33.5 kW
SCOP	3.84	3.00
Tbiv	-7.00 °C	-7.00 °C
TOL	-22.00 °C	-22.00 °C
Pdh Tj = -7°C	19.57 kW	19.91 kW
COP Tj = -7°C	3.14	2.43
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	12.29 kW	11.47 kW
COP Tj = +2°C	4.82	3.61
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	8.24 kW	8.08 kW
COP Tj = +7°C	7.02	5.29
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	6.49 kW	5.96 kW
COP Tj = 12°C	8.23	6.50
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	19.57 kW	19.91 kW
COP Tj = Tbiv	3.14	2.43

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	22.95 kW	23.19 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.96	1.54
WTOL	85.00 °C	85.00 °C
Poff	14.00 W	14.00 W
PTO	13.00 W	13.00 W
PSB	14.00 W	14.00 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	11.05 kW	10.31 kW
Annual energy consumption Qhe	21823.00 kWh	27514.00 kWh
Pdh Tj = -15°C (if TOL	26.69	26.18
COP Tj = -15°C (if TOL	2.31	1.83
Cdh Tj = -15 °C	0.9	0.9

#### EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	76 dB(A)	76 dB(A)

#### EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	210.80 %	177.10 %
Prated	39.00 kW	39.00 kW
SCOP	5.35	4.50
Tbiv	7.00 °C	7.00 °C
TOL	2.00 °C	2.00 °C
Pdh Tj = +2°C	33.03 kW	32.88 kW
COP Tj = +2°C	2.44	2.15
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	24.06 kW	22.84 kW
COP Tj = +7°C	4.60	3.94
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	10.40 kW	10.91 kW
COP Tj = 12°C	8.32	6.37
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	24.06 kW	22.84 kW
COP Tj = Tbiv	4.60	3.94
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	33.03 kW	32.88 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.44	2.15
WTOL	85.00 °C	85.00 °C
Poff	14.00 W	14.00 W
PTO	13.00 W	13.00 W
PSB	14.00 W	14.00 W

PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	5.98 kW	6.12 kW
Annual energy consumption Q <sub>he</sub>	9746.00 kWh	11573.00 kWh