

Commissioning Report

No.

Commissioning date: 2023 / ... /	System name: EOLO LXC 50	Year built:	Serial number:
--	-----------------------------	----------------------	-------------------------

Commissioning type: <input type="checkbox"/> First <input type="checkbox"/> Other <input type="checkbox"/> Fuel change <input type="checkbox"/> Reinstallation	Location: Street: Post code: City: Company: Country:
---	---

Last maintenance date: 202... / ... /	Manufacturer: SYSTEMA POLSKA Sp. z o.o.
---	--

Gas type: <input type="checkbox"/> G20 <input type="checkbox"/> G25 <input type="checkbox"/> G31	Gas pressure: dynamic / static / mbar	Tightness of the gas connection: OK <input type="checkbox"/> NO <input type="checkbox"/>
---	--	---

Parameters of SCP674V130B1 - main board							Note:	
Code	Parameters	UM	Factory setting	Suggested range				After commissioning values
				G20	G25	G31		
Y2	Power of the PWM burner during ignition.	%	20	18 - 25	18 - 25	15 - 25		
rL	Minimum value of the fan speed	%	22	22 - 27	26 - 29	23 - 27		
ro	Offset of rL	-	6	6	6	6		
rH	Maximum value of the fan speed.	%	90	90 -5%	99 -5%	95 +/-5%		
y9	Type of blower.	-	2	2	2	2		
HH	Release firmware (READ ONLY)	-	-	-	-	-		

Combustion inspection:								Note:	
Parameter	Hi power			Measured	Lo power				Measured
	G20	G25	G31		G20	G25	G31		
λ	1,33 – 1,48	1,33 – 1,48	1,32-1,42		1,42 – 1,65	1,42 – 1,65	1,38-1,58		
NOx ppm	25 – 35	25 – 35	25 – 35		20 – 30	20 – 30	20 – 30		
NOx mg/kWh	< 70	< 70	< 70		< 70	< 70	< 70		
CO ppm	< 20	< 20	< 20		< 20	< 20	< 20		

ErP limitation 70mg/kWh NCV
Limit < 100 ppm

Parameters of SCP674V202MB - communication board											
Code	Parameters	UM	Factory setting	Range	After commissioning values	Code	Parameters	UM	Factory setting	Range	After commissioning values
/C1	Calibration probe P1	°C	0	-50...50		F0t	Integral time	S	400	50...999	
/C3	Calibration probe P3	°C	0	-12...12		Ad	Alarm differential	°C	30	0,1...99	
/C4	Calibration probe P4	°C	0	-12...12		AH	Overheating burner alarm. 0 = alarm disabled;	°C	300	0...600	
/S	Reading stability AD inputs	-	2	0...5		At	Ht temperature alarm delay	min	15	0...15	
rd	Set-point differential	°C	1	0,1...12		H30	Reset command availability (only if H31=1)	-	0	0...2	
rd4	Burner cut-off differential	°C	4	0...50		H31	To enable the reset command counter function:0=no. 1=yes.	-	0	0...1	
L2	Reset pulse duration.	S	2	1...30		H90	Value to determinate the PWM value when temperature, P1, is between AH-Ad and AH .	%	35	0...100	
LbP	Proportional band.	°C	7	1...30		HH	Release firmware (read only)	-	-	-	
LrA	Automatic correction of max value of the PWM	%	35	15...100		HL	Keyboard lock. no; YES;	-	no	no..YES	
Ln6	Minimum value of the inlet air temperature to calculate correction of max PWM value.	°C	0	-20...Ln8		H08	Maximum interval between two writes via Modbus communication,	S	60	60...999	
Ln8	Maximum value of the inlet air temperature to calculate correction the max PWM value.	°C	20	Ln6...30		SP	Set-point at power on of the device. (step 0,1°C with sign)	°C	-	-50...150	

Technician: Name: Surname: Company:	Date:	Signature:
--	-------	------------

Commissioning Report

No.

Commissioning date: 2023 / ... /	System name: EOLO LXE 90	Year built:	Serial number:
--	-----------------------------	----------------------	-------------------------

Commissioning type: <input type="checkbox"/> First <input type="checkbox"/> Other <input type="checkbox"/> Fuel change <input type="checkbox"/> Reinstallation	Location: Street: Post code: City: Company: Country:
---	---

Last maintenance date: 202... / ... /	Manufacturer: SYSTEMA POLSKA Sp. z o.o.
---	--

Gas type: <input type="checkbox"/> G20 <input type="checkbox"/> G25 <input type="checkbox"/> G31	Gas pressure: dynamic / static / mbar	Tightness of the gas connection: OK <input type="checkbox"/> NO <input type="checkbox"/>
---	--	---

Parameters of SCP674V130B1 - main board							Note:	
Code	Parameters	UM	Factory setting	Suggested range				After commissioning values
				G20	G25	G31		
Y2	Power of the PWM burner during ignition.	%	20	16 - 25	18 - 27	15 - 25		
rL	Minimum value of the fan speed	%	22	22 - 25	25 - 29	22 - 27		
ro	Offset of rL	-	6	6	6	6		
rH	Maximum value of the fan speed.	%	75	75 -5%	75 -5%	75 +/-5%		
y9	Type of blower.	-	1	1	1	1		
HH	Release firmware (READ ONLY)	-	-	-	-	-		

Combustion inspection:								Note:	
Parameter	Hi power			Measured	Lo power				Measured
	G20	G25	G31		G20	G25	G31		
λ	1,32 - 1,42	1,32 - 1,45	1,33-1,46		1,42 - 1,61	1,42 - 1,61	1,36-1,62		
NOx ppm	25 - 35	25 - 35	25 - 35		20 - 30	20 - 30	20 - 30		
NOx mg/kWh	< 70	< 70	< 70		< 70	< 70	< 70		
CO ppm	< 20	< 20	< 20		< 20	< 20	< 20		

ErP limitation 70mg/kWh NCV
Limit < 100 ppm

Parameters of SCP674V202MB - communication board											
Code	Parameters	UM	Factory setting	Range	After commissioning values	Code	Parameters	UM	Factory setting	Range	After commissioning values
/C1	Calibration probe P1	°C	0	-50...50		F0t	Integral time	S	400	50...999	
/C3	Calibration probe P3	°C	0	-12...12		Ad	Alarm differential	°C	30	0,1...99	
/C4	Calibration probe P4	°C	0	-12...12		AH	Overheating burner alarm. 0 = alarm disabled;	°C	300	0...600	
/S	Reading stability AD inputs	-	2	0...5		At	Ht temperature alarm delay	min	15	0...15	
rd	Set-point differential	°C	1	0,1...12		H30	Reset command availability (only if H31=1)	-	0	0...2	
rd4	Burner cut-off differential	°C	4	0...50		H31	To enable the reset command counter function:0=no. 1=yes.	-	0	0...1	
L2	Reset pulse duration.	S	2	1...30		H90	Value to determinate the PWM value when temperature, P1, is between AH-Ad and AH .	%	35	0...100	
LbP	Proportional band.	°C	7	1...30		HH	Release firmware (read only)	-	-	-	
LrA	Automatic correction of max value of the PWM	%	35	15...100		HL	Keyboard lock. no; YES;	-	no	no..YES	
Ln6	Minimum value of the inlet air temperature to calculate correction of max PWM value.	°C	0	-20...Ln8		H08	Maximum interval between two writes via Modbus communication,	S	60	60...999	
Ln8	Maximum value of the inlet air temperature to calculate correction of the max PWM value.	°C	20	Ln6...30		SP	Set-point at power on of the device. (step 0,1°C with sign)	°C	-	-50...150	

Technician:	Date:	Signature:
Name:		
Surname:		
Company:		

Commissioning Report

No.

 Commissioning date:
 2023 / ... /

 System name:
 EOLO LXE+110

Year built:

Serial number:

Commissioning type:

-
- First
-
- Other
-
-
- Fuel change
-
-
- Reinstallation

Location:

 Street: Post code:
 City: Company:
 Country:

Last maintenance date:

202... / ... /

Manufacturer:

SYSTEMA POLSKA Sp. z o.o.

Gas type:

-
- G20
-
-
- G25
-
-
- G31

Gas pressure: dynamic / static

..... / mbar

Tightness of the gas connection:

 OK NO

Parameters of SCP674V130B1 - main board

Note:

Code	Parameters	UM	Factory setting	Suggested range			After commissioning values
				G20	G25	G31	
Y2	Power of the PWM burner during ignition.	%	20	16 - 25	18 - 27	15 - 25	
rL	Minimum value of the fan speed	%	22	20 - 25	24 - 29	22 - 27	
ro	Offset of rL	-	6	6	6	6	
rH	Maximum value of the fan speed.	%	99	99 -5%	99 -5%	95 +/-5%	
y9	Type of blower.	-	1	1	1	1	
HH	Release firmware (READ ONLY)	-	-	-	-	-	

Combustion inspection:

Parameter	Hi power				Lo power			
	Suggested			Measured	Suggested			Measured
	G20	G25	G31		G20	G25	G31	
λ	1,32 - 1,42	1,33 - 1,43	1,33-1,46		1,42 - 1,61	1,42 - 1,61	1,36-1,62	
NOx ppm	25 - 35	25 - 35	25 - 35		20 - 30	20 - 30	20 - 30	
NOx mg/kWh	< 70	< 70	< 70		< 70	< 70	< 70	
CO ppm	< 20	< 20	< 20		< 20	< 20	< 20	

Note:

 ErP limitation 70mg/kWh NCV
 Limit < 100 ppm

Parameters of SCP674V202MB - communication board

Code	Parameters	UM	Factory setting	Range	After commissioning values	Code	Parameters	UM	Factory setting	Range	After commissioning values
/C1	Calibration probe P1	°C	0	-50...50		F0t	Integral time	S	400	50...999	
/C3	Calibration probe P3	°C	0	-12...12		Ad	Alarm differential	°C	30	0,1...99	
/C4	Calibration probe P4	°C	0	-12...12		AH	Overheating burner alarm. 0 = alarm disabled;	°C	250	0...600	
/S	Reading stability AD inputs	-	2	0...5		At	Ht temperature alarm delay	min	15	0...15	
rd	Set-point differential	°C	1	0,1...12		H30	Reset command availability (only if H31=1)	-	0	0...2	
rd4	Burner cut-off differential	°C	4	0...50		H31	To enable the reset command counter function:0=no. 1=yes.	-	0	0...1	
L2	Reset pulse duration.	S	2	1...30		H90	Value to determinate the PWM value when temperature, P1, is between AH-Ad and AH.	%	35	0...100	
LbP	Proportional band.	°C	7	1...30		HH	Release firmware (read only)	-	-	-	
LrA	Automatic correction of max value of the PWM	%	35	15...100		HL	Keyboard lock. no; YES;	-	no	no..YES	
Ln6	Minimum value of the inlet air temperature to calculate correction of max PWM value.	°C	0	-20...Ln8		H08	Maximum interval between two writes via Modbus communication,	S	60	60...999	
Ln8	Maximum value of the inlet air temperature to calculate correction of the max PWM value.	°C	20	Ln6...30		SP	Set-point at power on of the device. (step 0,1°C with sign)	°C	-	-50...150	

Technician:

Date:

Signature:

 Name:
 Surname:
 Company:

Commissioning Report

No.

Commissioning date: 2023 / ... /	System name: EOLO EOLO LXF 130	Year built:	Serial number:
--	-----------------------------------	----------------------	-------------------------

Commissioning type: <input type="checkbox"/> First <input type="checkbox"/> Other <input type="checkbox"/> Fuel change <input type="checkbox"/> Reinstallation	Location: Street: Post code: City: Company: Country:
---	---

Last maintenance date: 202... / ... /	Manufacturer: SYSTEMA POLSKA Sp. z o.o.
---	--

Gas type: <input type="checkbox"/> G20 <input type="checkbox"/> G25 <input type="checkbox"/> G31	Gas pressure: dynamic / static / mbar	Tightness of the gas connection: OK <input type="checkbox"/> NO <input type="checkbox"/>
---	--	---

Parameters of SCP674V130B1 - main board							Note:	
Code	Parameters	UM	Factory setting	Suggested range				After commissioning values
				G20	G25	G31		
Y2	Power of the PWM burner during ignition.	%	20	15 - 25	18 - 28	15 - 25		
rL	Minimum value of the fan speed	%	22	22 - 25	25 - 28	21 - 27		
ro	Offset of rL	-	6	6	6	6		
rH	Maximum value of the fan speed.	%	99	99 -5%	99 -5%	90 +/-5%		
y9	Type of blower.	-	1	1	1	1		
HH	Release firmware (READ ONLY)	-	-	-	-	-		

Combustion inspection:								Note:	
Parameter	Hi power			Measured	Lo power				Measured
	G20	G25	G31		G20	G25	G31		
λ	1,32 - 1,41	1,32 - 1,41	1,33-1,42		1,42 - 1,6	1,42 - 1,6	1,38-1,58		
NOx ppm	25 - 35	25 - 35	25 - 35		20 - 30	20 - 30	20 - 30		
NOx mg/kWh	< 70	< 70	< 70		< 70	< 70	< 70		
CO ppm	< 20	< 20	< 20		< 20	< 20	< 20		

ErP limitation 70mg/kWh NCV
Limit < 100 ppm

Parameters of SCP674V202MB - communication board											
Code	Parameters	UM	Factory setting	Range	After commissioning values	Code	Parameters	UM	Factory setting	Range	After commissioning values
/C1	Calibration probe P1	°C	0	-50...50		F0t	Integral time	S	400	50...999	
/C3	Calibration probe P3	°C	0	-12...12		Ad	Alarm differential	°C	30	0,1...99	
/C4	Calibration probe P4	°C	0	-12...12		AH	Overheating burner alarm. 0 = alarm disabled;	°C	250	0...600	
/S	Reading stability AD inputs	-	2	0...5		At	Ht temperature alarm delay	min	15	0...15	
rd	Set-point differential	°C	1	0,1...12		H30	Reset command availability (only if H31=1)	-	0	0...2	
rd4	Burner cut-off differential	°C	4	0...50		H31	To enable the reset command counter function:0=no. 1=yes.	-	0	0...1	
L2	Reset pulse duration.	S	2	1...30		H90	Value to determinate the PWM value when temperature, P1, is between AH-Ad and AH .	%	35	0...100	
LbP	Proportional band.	°C	7	1...30		HH	Release firmware (read only)	-	-	-	
LrA	Automatic correction of max value of the PWM	%	35	15...100		HL	Keyboard lock. no; YES;	-	no	no..YES	
Ln6	Minimum value of the inlet air temperature to calculate correction of max PWM value.	°C	0	-20...Ln8		H08	Maximum interval between two writes via Modbus communication,	S	60	60...999	
Ln8	Maximum value of the inlet air temperature to calculate correction of the max PWM value.	°C	20	Ln6...30		SP	Set-point at power on of the device. (step 0,1°C with sign)	°C	-	-50...150	

Technician: Name: Surname: Company:	Date:	Signature:
--	-------	------------

Commissioning Report

No.

Commissioning date: 2023 / ... /	System name: EOLO LXG 170	Year built:	Serial number:
--	------------------------------	----------------------	-------------------------

Commissioning type: <input type="checkbox"/> First <input type="checkbox"/> Other <input type="checkbox"/> Fuel change <input type="checkbox"/> Reinstallation	Location: Street: Post code: City: Company: Country:
---	---

Last maintenance date: 202... / ... /	Manufacturer: SYSTEMA POLSKA Sp. z o.o.
---	--

Gas type: <input type="checkbox"/> G20 <input type="checkbox"/> G25 <input type="checkbox"/> G31	Gas pressure: dynamic / static / mbar	Tightness of the gas connection: OK <input type="checkbox"/> NO <input type="checkbox"/>
---	--	---

Parameters of SCP674V130B1 - main board							Note:	
Code	Parameters	UM	Factory setting	Suggested range				After commissioning values
				G20	G25	G31		
Y2	Power of the PWM burner during ignition.	%	20	15 - 25	18 - 28	15 - 25		
rL	Minimum value of the fan speed	%	22	22 - 25	24 - 27	22 - 27		
ro	Offset of rL	-	6	6	6	6		
rH	Maximum value of the fan speed.	%	99	99 -5%	99 -5%	90 +/-5%		
y9	Type of blower.	-	1	1	1	1		
HH	Release firmware (READ ONLY)	-	-	-	-	-		

Combustion inspection:								Note:	
Parameter	Hi power			Measured	Lo power				Measured
	G20	G25	G31		G20	G25	G31		
λ	1,30 - 1,40	1,30 - 1,41	1,33-1,46		1,40 - 1,55	1,40 - 1,55	1,34-1,51		
NOx ppm	25 - 35	25 - 35	25 - 35		20 - 30	20 - 30	20 - 30		
NOx mg/kWh	< 70	< 70	< 70		< 70	< 70	< 70		
CO ppm	< 20	< 20	< 20		< 20	< 20	< 20		

ErP limitation 70mg/kWh NCV
Limit < 100 ppm

Parameters of SCP674V202MB - communication board											
Code	Parameters	UM	Factory setting	Range	After commissioning values	Code	Parameters	UM	Factory setting	Range	After commissioning values
/C1	Calibration probe P1	°C	0	-50...50		F0t	Integral time	S	400	50...999	/C1
/C3	Calibration probe P3	°C	0	-12...12		Ad	Alarm differential	°C	30	0,1...99	/C3
/C4	Calibration probe P4	°C	0	-12...12		AH	Overheating burner alarm. 0 = alarm disabled;	°C	370	0...600	/C4
/S	Reading stability AD inputs	-	2	0...5		At	Ht temperature alarm delay	min	15	0...15	/S
rd	Set-point differential	°C	1	0,1...12		H30	Reset command availability (only if H31=1)	-	0	0...2	rd
rd4	Burner cut-off differential	°C	4	0...50		H31	To enable the reset command counter function:0=no. 1=yes.	-	0	0...1	rd4
L2	Reset pulse duration.	S	2	1...30		H90	Value to determinate the PWM value when temperature, P1, is between AH-Ad and AH .	%	35	0...100	L2
LbP	Proportional band.	°C	7	1...30		HH	Release firmware (read only)	-	-	-	LbP
LrA	Automatic correction of max value of the PWM	%	35	15...100		HL	Keyboard lock. no; YES;	-	no	no..YES	LrA
Ln6	Minimum value of the inlet air temperature to calculate correction of max PWM value.	°C	0	-20...Ln8		H08	Maximum interval between two writes via Modbus communication,	S	60	60...999	Ln6
Ln8	Maximum value of the inlet air temperature to calculate correction of the max PWM value.	°C	20	Ln6...30		SP	Set-point at power on of the device. (step 0,1°C with sign)	°C	-	-50...150	Ln8

Technician:	Date:	Signature:
Name:		
Surname:		
Company:		

Commissioning Report Form

No.

Commissioning date: 2023 / ... /	System name: EOLO LXH 230	Year built:	Serial number:
---	------------------------------	----------------------	-------------------------

Commissioning type: <input type="checkbox"/> First <input type="checkbox"/> Fuel change <input type="checkbox"/> Reinstallation	Location: Street: City: Country:	Post code: Company:
--	---	------------------------

Last maintenance date: 202... / ... /	Manufacturer: SYSTEMA POLSKA Sp. z o.o.
--	--

Gas type: <input type="checkbox"/> G20 <input type="checkbox"/> G25 <input type="checkbox"/> G31	Gas pressure: dynamic / static / mbar	Tightness of the gas connection: YES <input type="checkbox"/> NO <input type="checkbox"/>
---	--	--

Parameters of SCP674V130B1 - main board						Note:
Code	Parameters	UM	Factory setting	Suggested range	After commissioning values	
Y2	Power of the PWM burner during pre-ignition. 0% = rL; 99% = rH;	%	20	15 - 25		
rL	Minimum value of the fan speed	%	22	18 - 28		
ro	Offset of rL	%	6	6		
rH	Maximum value of the fan speed.	%	99	99 -5%		
Y9	Type of blower.	-	3	3		
HH	Release firmware (READ ONLY)	-				

Combustion inspection:					Note:
Parameter	Hi power		Lo power		
		Suggested	Measured	Suggested	Measured
λ	1,32 - 1,4		1,4 - 1,55		
NOx ppm	25 - 35		20 - 30		
NOx mg/kWh	< 70		< 70		ErP limitation 70mg/kWh NCV
CO ppm	< 100		< 100		

Parameters of SCP674V202MB - communication board											
Code	Parameters	UM	Factory setting	Range	After commissioning values	Code	Parameters	UM	Factory setting	Range	After commissioning values
/C1	Calibration probe P1	°C	0	-50...50		F0t	Integral time	S	400	50...999	
/C3	Calibration probe P3	°C	0	-12...12		Ad	Alarm differential	°C	30	0,1...99	
/C4	Calibration probe P4	°C	0	-12...12		AH	Overheating burner alarm. 0 = alarm disabled;	°C	330	0...600	
/S	Reading stability AD inputs	-	2	0...5		At	Ht temperature alarm delay	min	15	0...15	
rd	Set-point differential	°C	1	0,1...12		H30	Reset command availability (only if H31=1)	-	0	0...2	
rd4	Burner cut-off differential	°C	4	0...50		H31	To enable the reset command counter function:0=no. 1=yes.	-	0	0...1	
L2	Reset pulse duration.	S	2	1...30		H90	Value to determinate the PWM value when temperature, P1, is between AH-Ad and AH.	%	35	0...100	
LbP	Proportional band.	°C	7	1...30		HH	Release firmware (read only)	-	-	-	
LrA	Automatic correction of max value of the PWM	%	35	15...100		HL	Keyboard lock. no; YES;	-	no	no..YES	
Ln6	Minimum value of the inlet air temperature to calculate correction of max PWM value.	°C	0	-20...Ln8		H08	Maximum interval between two writes via Modbus communication,	S	60	60...999	
Ln8	Maximum value of the inlet air temperature to calculate correction of the max PWM value.	°C	20	Ln6...30		SP	Set-point at power on of the device (step 0,1°C with sign)	°C	-	-50...150	

Technician: Name: Surname: Company:	Date:	Signature:
---	--------------	-------------------