



Lindab **Regula Combi 1.5**

Parameter list
(1.5-1-02)

Parameter list

Regula Combi 1.5

Parameterlist

N/A: "Not Available" or "Not Applicable"

Grey: "Not Selectable"

Par. no	Description	0 FS Regin	1	2	3	4	5	6	7	8
0	Lindab Program	N/A	1	2	3	4	5	6	7	8
1	Basic heating setpoint	22°C	21	21	21	21	21	21	N/A	21
2	Basic cooling setpoint	24°C	23	23	23	23	23	23	N/A	23
3	Neutral zone at standby. This neutral zone is only active when P304 = 0. Standby heating setpoint = Basic sp. heating - P3 value. Standby cooling setpoint = Basic sp. cooling + P3 value.	3°C	2	2	2	2	2	2	N/A	2
4	Heating setpoint at Unoccupied	15°C	15°C	15°C	15°C	15°C	15°C	15°C	N/A	15°C
5	Cooling setpoint at Unoccupied	30°C	30°C	30°C	30°C	30°C	30°C	30°C	N/A	30°C
6	Frost protection setpoint	8°C	8°C	8°C	8°C	8°C	8°C	8°C	N/A	8°C
7	P-band for room controller	10°C	10	10	10	10	10	10	N/A	10
8	I-time for room controller	300 s	300	300	300	300	300	300	N/A	300
9	The difference between the temperature in the room and the media temperature for change-over to cooling	3K	N/A	N/A	N/A	N/A	3	3	N/A	N/A
10	The difference between the temperature in the room and the media temperature for change-over to heating	4K	N/A	N/A	N/A	N/A	4	4	N/A	N/A
11	Control mode: 0 = Heating 1 = Heating / Heating 2 = Heating or Cooling via change-over 3 = Heating / Cooling 4 = Heating / Cooling with VAV-control and forced ventilation 5 = Heating / Cooling with VAV-control 6 = Cooling 7 = Cooling / Cooling 8 = Heating / Cooling/VAV 9 = Heating / Heating or Cooling via change-over (only available on models with fan control) 21 = eHybrid	3	3	4	21	2	2	4	N/A	8
12	Time in Bypass mode	120 min.	45	45	45	45	45	45	N/A	45
13	Disconnect timer with Occupancy/Unoccupancy	10 min.	30	30	20	30	30	30	N/A	30
14	Switch-on delay for Occupancy	0 min	0	0	0	0	0	0	N/A	0
15	State connected sensor on AI1: 0 = Internal sensor 1 = External room sensor 2 = Change-over sensor	0	0	0	0	0	2	0	N/A	0
16	State connected sensor on UI1: (All models except RC-C3DOC/C3DFOC) 0 = None 1 = Change-over digital 2 = Change-over analogue	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	State connected sensor on DI1: 1 = Window contact 2 = No function 3 = Presence detector 4 = Change-over sensor	1	3	3	3	3	3	3	N/A	3
18	State connected sensor on DI2: 1 = Window contact 2 = Condensation detection 3 = No function 4 = Change-over sensor 5 = Relay sensor (CO ₂) 6 = CO ₂ Pulse sensor 7 = No function 8 = RH Pulse sensor	2	2	2	2	4	2	0	N/A	0
20	State connected function on UO1: 0 = None 1 = Thermal actuator heat 2 = None 3 = Heating actuator 0...10 V 4 = None 5 = On/off actuator heat 6 = None	3	1	3	1	3	3	3	N/A	3

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Par. no	Description	0 FS RegIn	1	2	3	4	5	6	7	8
21	State connected function on UO2: 0 = None 1 = None 2 = Thermal actuator cool 3 = None 4 = Cooling actuator 0...10 V 5 = None 6 = On/off actuator cool	4	2	4	2	1	1	4	N/A	4
22	State connected function on UO3: 0 = None 1 = Forced vent. digital 2 = Analogue output (OEM) 3 = None 4 = Ordinary analogue output 5 = None 6 = Control of EC fan (RC-C3-models)	1	4	4	4	4	4	4	N/A	4
24	Y3 output in manual mode (only if Y3 is configured as an analogue output)	0	0	0	0	0	0	0	N/A	0
28	State output signal range for Y3-actuators: 0 = 0...10 V 1 = 2...10 V 2 = 10...2 V 3 = 10...0 V	0	0	0	0	0	0	0	N/A	0
29	State output signal range for heating actuators: 0 = 0...10 V 1 = 2...10 V 2 = 10...2 V 3 = 10...0 V	0	0	0	0	0	0	0	N/A	0
30	State output signal range for cooling actuators: 0 = 0...10 V 1 = 2...10 V 2 = 10...2 V 3 = 10...0 V	0	0	0	0	0	0	0	N/A	0
31	Period time for heating actuators with thermal actuator	60 s	60	60	60	60	60	60	N/A	60
32	Period time for cooling actuators with thermal actuator	60 s	60	60	60	60	60	60	N/A	60
33	Run time for heating actuators with increase/decrease actuators (used for exercising)	120 s	120	120	120	120	120	120	N/A	120
34	Run time for cooling actuators with increase/decrease actuators (used for exercising)	120 s	120	120	120	120	120	15	N/A	15
35	Neutral zone for increase/decrease actuators	2 %	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
36	Time in hours between exercise of heating actuators	23h	23	23	23	23	23	23	N/A	23
37	Time in hours between exercise of cooling actuators	23h	23	23	23	23	3	23	N/A	23
38	Hysteresis for on/off actuators and heating	2K	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	Hysteresis for on/off actuators and cooling	2K	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	Minimum limit for the heat output	0 %	0	0	0	0	0	0	N/A	0
41	The fan will never stop 0 = OFF 1 = ON	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	Select if setpoint or actual value is to be shown in the display. 0 = Actual value 1 = Heat setpoint 2 = Cool setpoint 3 = Average value of heating and cooling setpoint 4 = Only setpoint offset 5 = CO ₂ concentration in the room in ppm 6 = Heating setpoint + setpoint offset 7 = cooling setpoint+setpoint offset 8 = Average of heating and cooling setpoint + setpoint offset 9 = The calculated flow in the duct in l/s. 10 = RH in the room in %	0	0	0	0	0	0	0	N/A	0
43	Highest permitted setpoint adjustment upwards,	3°C	3	3	3	3	3	3	N/A	3
44	Highest permitted setpoint adjustment downwards	3°C	3	3	3	3	3	3	N/A	3
45	Preset operating mode: 0 = Off 1 = Unoccupied 2 = Stand-by 3 = Occupied. Forced ventilation is not set in Occupied mode.	3	2	2	2	2	2	3	N/A	3
46	State operating mode by pressing the occupancy button for 5 s: 0 = Off 1 = Unoccupied.	1	0	0	0	0	0	0	N/A	0
47	Select operating mode for central control: 0 = Off 1 = Unoccupied 2 = Stand-by 3 = Occupied 5 = No central control	5	5	5	5	5	5	5	N/A	5

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Par. no	Description	0 FS Regin	1	2	3	4	5	6	7	8
48	Min flow at cool output when control mode Heating/Cooling with VAV-control is selected. Min flow at Y3 output when control mode Heating/Cooling/VAV is selected.	20%	20	20	N/A	N/A	N/A	31*	N/A	31*
49	Max flow on Y2 output when control mode Heating / Cooling with VAV-control is selected and in heating mode. Max flow on Y3 output when control mode Heating/Cooling/VAV is selected and in heating mode.	0	0	0	60	N/A	N/A	0	N/A	0
50	Configuration of fan control: 0 = No control 1 = Fan is controlled by heating demand 2 = Fan is controlled by cooling demand 3 = Fan is controlled by both heating and cooling demand	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
51	Start signal in % for fan speed 1 on heating or cooling control	20%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
52	Start signal in % for fan speed 2	60%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
53	Start signal in % for fan speed 3	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
54	Hysteresis for start/stop of fans	5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
55	State number of speeds for the fan (1, 2 or 3)	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
56	Temperature compensation on AI1	0°C	0	0	0	0	0	0	N/A	0
57	Temperature compensation on UI1	0°C	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
58	Temperature compensation on internal room sensor	0°C	0	0	0	0	0	0	N/A	0
59	Filter factor for analogue temperature inputs	0.2	0.2	0.2	0.2	0.2	0.2	0.2	N/A	0.2
60	State NO/NC digital input 1: 0 = NO (Normally open) 1 = NC (Normally closed)	0	1	1	0	1	1	0	N/A	0
61	State NO/NC digital input 2: 0 = NO (Normally open) 1 = NC (Normally closed)	1	1	1	1	0	1	1	N/A	1
62	State NO/NC universal input 1: 0 = NO (Normally open) 1 = NC (Normally closed)	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
63	Manual/Auto Heating output: 0 = Off 1 = Manual 2 = Auto	2	2	2	2	2	2	2	N/A	2
64	Manual/Auto cooling output: 0 = Off 1 = Manual 2 = Auto	2	2	2	2	2	2	2	N/A	2
65	Manual/Auto Y3 forced ventilation output: 0 = Off 1 = Manual 2 = Auto For C3 models (except C3DFOC), manual mode means that Y3 puts out what is stated in parameter 24 if Y3 is configured as an analogue output. When Y3 is configured as a Digital output (including for C3 models) or does not exist, this parameter constitutes the Manual/Auto mode for the forced ventilation.	2	2	2	2	2	2	2	N/A	2
66	Manual/Auto control of change over mode: 0 = Heat control 1 = Cool control 2 = Automatic change over depending on analogue sensor input or digital input.	2	N/A	N/A	N/A	2	2	2	N/A	N/A
67	Heating output in manual mode	0%	0	0	0	0	0	0	N/A	0
68	Cooling output in manual mode	0%	0	0	0	0	0	0	N/A	0
69	Controller Modbus address	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	N/A	N/A	N/A
70	Parity but Modbus communication: 0 = No parity 1 = Odd parity 2 = Even parity	2	2	2	2	2	2	N/A	N/A	N/A
71	Modbus time out for character (t1.5), in ms. Should be 1.5 times a character, i.e. at least 2 ms.	3 ms	3	3	3	3	3	N/A	N/A	N/A

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Par. no	Description	0 FS Regin	1	2	3	4	5	6	7	8
72	Answer delay in Modbus (t3.5), in ms. Should be 3.5 times a character, i.e. at least 5 ms.	5 ms	5	5	5	5	5	N/A	N/A	N/A
73	Selection of heating output function (NO/NC): 0 = NC (Normally closed) 1 = NO (Normally opened)	0	0	0	0	0	0	0	N/A	0
74	Setpoint display at setpoint adjustment: 0 = The offset is shown in the display 1 = The active setpoint + offset is shown in the display. Heat or Cool is shown depending on whether heat or cool is active when entering the menu 2 = Heat setpoint + offset is shown in the display 3 = Cooling setpoint + offset is shown in the display	0	1	1	1	1	1	1	N/A	1
75	Sequence order for Y2 and Y3: 0 = Y2 activates before Y3 1 = Y3 activates before Y2	0	0	0	0	0	0	0	N/A	1
76	Forced ventilation, control function: 0 = Not active 1 = Forced ventilation at 100% output of heat or cool 2 = Forced ventilation at 100% Cool output	0	2	0	0	2	2	0	N/A	0
77	Operating mode at presence detection (DI1): 3 = Occupied 4 = Bypass	4	3	3	3	3	3	3	N/A	3
78	EXOnline PLA-address	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set
79	EXOnline ELA-address	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set
80	Selection of cooling output functions (NO/NC): 0 = NC 1 = NO	0	0	0	0	0	0	0	N/A	0
81	State the connected sensor at AI2: (Only RC-C3DOC/C3DFOC) 0 = None 1-4 = No function 5 = CO ₂ -sensor 6 = No function 7 = 0...100% (Damper position) 8 = Flow calculation 0 - 10 V 9 = 0...10 V 10 = Flow calculation 2 - 10 V	5	0	0	0	0	0	7	N/A	7
82	Flow at 0/2 V input in AI2	0 l/s	0	0	0	0	0	0	N/A	0
83	Flow at 10 V input in AI2	100 l/s	100	100	100	100	100	100	N/A	100
84	Minimum runtime when calculating for change over	600 s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
86	Alarm limit for high room temperature	40°C	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
87	Alarm limit for low room temperature	15°C	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
97	Activate presence (Bypass) if CO ₂ level is higher than the set value. Only active if P11 = 3/21.	800 ppm	800	N/A	800	N/A	N/A	N/A	N/A	N/A
98	Deactivate presence (Bypass) if the CO ₂ level is lower than the limit minus this hysteresis. Only active if P11 = 3/21.	160 ppm	160	N/A	160	N/A	N/A	N/A	N/A	N/A
100	Filter factor for CO ₂ -input	0.2	0.2	0.2	0.2	0.2	0.2	0.2	N/A	0.2
104	CO ₂ -level at 0 V	0 ppm	0	0	0	0	0	0	N/A	0
105	CO ₂ -level at 10 V	2000 ppm	2000	2000	2000	2000	2000	2000	N/A	2000
108	Button function configuration: 0 = No button is active 1 = Only Occupancy button active 2 = Only INCREASE/DECREASE buttons active 3 = Occupancy and INCREASE/DECREASE buttons active 4 = None 5 = Occupancy buttons active 6 = Increase/Decrease buttons active 7 = All buttons active	7	7	7	7	7	7	7	N/A	7

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Par. no	Description	0 FS Regin	1	2	3	4	5	6	7	8
109	Deactivation of parameter menu access via display: 0 = Parameter menu is active in display 1 = Parameter menu is deactivated in display NOTE: Deactivating the parameter menu in display will prevent re-entry! If so, parameter menu access may be activated again using Regio tool©.	0	0	0	0	0	0	0	0	0
110	Activate manual bypass timer setting. When the function is active, the user may step through bypass time in 1 hour increments. 0 = Not active 1 = Active	0	0	0	0	0	0	0	N/A	0
111	Controller mode when pressing the On/Off button 3 = Presence 4 = Bypass (forced ventilation)	4	4	4	4	4	4	4	N/A	4
112	Min limit for VAV-damper at CO ₂ -control	600 ppm	800	800	N/A	800	800	800	N/A	800
113	Max limit for VAV-damper at CO ₂ -control	800 ppm	1000	1000	N/A	1000	1000	1000	N/A	1000
114	This parameter defines the protocol to be used: 0 = EXOline/Modbus 1 = BACnet MS/TP	0	0	0	0	0	0	N/A	N/A	N/A
115	BACnet MS/TP MAC address: 0-127 = master address 128-254 = slave address	Fact. set (00-99)	Fact. set (00-99)	Fact. set (00-99)	Fact. set (00-99)	Fact. set (00-99)	Fact. set (00-99)	N/A	N/A	N/A
116	Low 4 figures of the BACnet device ID. 0-9999	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	N/A	N/A	N/A
117	High 3 figures of the device ID.	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	Fact. set	N/A	N/A	N/A
118	BACnet MS/TP Max master.	127	127	127	127	127	127	N/A	N/A	N/A
119	COMbus speed: 0 = 9600 1 = 19200 2 = 38400 3 = 76800 (only BACnet)	0	1	1	1	1	1	1	1	1
120	COMbus reset. When activated (1) it resets the communication to default settings	0 (deactivated)	0	0	0	0	0	N/A	N/A	N/A
121	Min limit for EC fan (%)	10%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
122	Max limit for EC fan (%)	100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
125	Model	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)
126	Version Major	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)
127	Version Minor	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)
128	Version Branch	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)

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Par. no	Description	0 FS Regin	1	2	3	4	5	6	7	8
129	Revision	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)	Fact. set (read only)
138	Number of dampers	N/A	N/A	N/A	N/A	N/A	N/A	1	1	1
139	Size of damper – see Regula Combi Program description document for program 6 Table 1 (default 3 = MBV/DBV/LCFV-125)	N/A	N/A	N/A	N/A	N/A	N/A	3	3	3
140	AirflowStandby(Value changes when P139 size of damper is changed)	N/A	N/A	N/A	N/A	N/A	N/A	5 l/s	N/A	5
141	AirflowMinOcc (Value changes when P139 size of damper is changed)	N/A	N/A	N/A	N/A	N/A	N/A	12 l/s	N/A	12
142	AirflowMaxOcc (Value changes when P139 size of damper is changed)	N/A	N/A	N/A	N/A	N/A	N/A	49 l/s	N/A	49
143	AirflowNominal (Value changes when P139 size of damper is changed) (Should NOT be changed manually)	N/A	N/A	N/A	N/A	N/A	N/A	86 l/s	86	86
300	Pin Switch for UO2 (pin 24) and UO3 (pin 22): 0 = No pin switch 1 = Output signals on pin 24 and pin 22 are switched	N/A	0	0	N/A	N/A	N/A	0	N/A	1
301	Y3 Period time	N/A	60 s	N/A	N/A	N/A	N/A	N/A	N/A	60
302	Y3 Selection of cooling output functions (NO/NC)	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	0
303	CO ₂ pulse function, Period time	N/A	N/A	N/A	N/A	N/A	N/A	10 s	N/A	10
304	Activate two setpoints in Standby mode: 0 = Not activated 1 = Activated. When activated, Standby setpoints in P305 and P306 are used. If not activated the Standby neutral zone described in P3 will be used.	0	1	1	1	1	1	1	N/A	1
305	Heating setpoint in standby mode. Active when P304 = 1	20°C	20	20	20	20	20	20	N/A	20
306	Cooling setpoint in standby mode. Active when P304 = 1	24°C	24	24	24	24	24	24	N/A	24
307	Max limitation % water, cooling sequence	100%	100	100	100	100	100	100	N/A	100
308	Max limitation % VAV cooling sequence	100%	100	100	100	100	100	N/A	N/A	N/A
309	RH-level at 0 V	0%	0	0	0	0	0	0	N/A	0
310	RH-level at 10 V	100%	100%	100%	100%	100%	100%	100%	N/A	100%
311	Min limit for VAV-damper at RH-control	60%	60%	60%	60%	60%	60%	60%	N/A	60%
312	Max limit for VAV-damper at RH-control	80%	80%	80%	80%	80%	80%	80%	N/A	80%

All the Regio Midi parameters (with Regin defaults) can be accessed by selecting the value 0 at parameter 0.

Furthermore parameters can be accessed and changed via RegioTool or Modbus/EXoline/Bacnet communication.



Most of us spend the majority of our time indoors. Indoor climate is crucial to how we feel, how productive we are and if we stay healthy.

We at Lindab have therefore made it our most important objective to contribute to an indoor climate that improves people's lives. We do this by developing energy-efficient ventilation solutions and durable building products. We also aim to contribute to a better climate for our planet by working in a way that is sustainable for both people and the environment.

[Lindab](#) | For a better climate