

Table 1

	VS=2	VS=50	VS=100	VS=0	Comments	Units	Brink Settings
0	120	120	120	120	Set Reduced level of ventilation - lower byte	m3/h	U1 - Volume step 1 (50 - MAX-10) : default:100
1	0	0	0	0	Set Reduced level of ventilation - higher byte		U1
2	180	180	180	180	Set Normal level of ventilation - lower byte	m3/h	U2 - Volume step 2 (50 - MAX-5) : default: 150 (HR Medium) 200 (HR Large)
3	0	0	0	0	Set Normal level of ventilation - higher byte		U2
4	24	24	24	24	Set Normal level of ventilation - lower byte	m3/h	U3 - Volume step 3 (50-300 HR Medium/50-400 HR Large): default 225 (HR Medium) 300 (HR Large)
5	1	1	1	1	Set Normal level of ventilation - higher byte		U3
6	20	20	20	20	Min. outside temp bypass close (°C * 0.5)	°C	U4 - Minimum outside temp (5-20) default: 10
7	40	40	40	40	Min. inside temp bypass open (°C * 0.5)	°C	U5 - Minimum indoor temp bypass (18-30) default: 22
8	0	0	0	0			U6 - not used per Brink/Renovent User Manual
9	1	1	1	1			U7 - ??
10	0	0	0	0			U8 - not used per Brink/Renovent User Manual
11	100	100	100	100	Constant inlet/outlet imbalance (-100 m3/h)	m3/h	I1 - Fixed Imbalance (-100 - 100 m3/h) - default: 0
12	0	0	0	0			I2 - No contact step (0,1,2,3): default:1
13	2	2	2	2			I3 - Not applicable (2.3 - OpenTherm version?) default: 2
14	1	1	1	1			I4 - Switch line 1 (0,1,2,3) default:1
15	2	2	2	2			I5 - Switch line 2 (0,1,2,3) default:2
16	3	3	3	3			I6 - Switch line 3 (0,1,2,3) default:3
17	1	1	1	1			I7 - Imbalance permissible (0,1) default: 1
18	1	1	1	1			I8 - Bypass mode (0,1,2) default: 1
19	4	4	4	4	Bypass hysteresis (°C)	°C	I9 - Hysteresis Bypass (0 .. 5) - default: 2
20	0	0	0	0			I10 - Constant pressure switched off (0,1) default: 0
21	1	1	1	1			I11 - Pre-heater or Post-heater (0,1,2,3) default:0 (I have pre-heater installed)
22	60	60	60	60	Offset preheater temp (°C * 0.5)		I12 - Offset Temperature Preheater (-30 °C - 30 °C) default: 0.5 °C - so for this setting value 60 corresponds to 0 °C set. So 0 would be -30 °C and 120 would be 30 °C
23	1	1	1	1	Found a code on Internet where the 5th bit is tested and if not zero - then FILTER CHECK		I13 - Filter message on/off - (0,1) - default:1
24	1	1	1	1			I14 - Option PCB (0,1) default: 0, I have this Option PCB installed for pre-heater
25	0	0	0	0			I15 - Heat recovery configuration (0,1) default: Heat Recovery (0)
26	1	1	1	1			I16 - Fan Off (1,2,3) default: 1 (Output fan off)
27	3	3	3	3			I17 - Repeat time (1..24 hours) default: 24
28	60	60	60	60			I18 - Minimum switch off fan(s) (1..240 seconds) default: 60 secs
29	0	0	0	0			I19 - Minimum switch off time fans after switching on 230V (1..240 secs) default: 1 sec
30	0	0	0	0			P1 - Option PCB settings (don't have manual for those settings)
31	0	0	0	0			P2
32	0	0	0	0			P3
33	80	80	80	80			P4
34	80	80	80	80			P5
35	0	0	0	0			P6
36	0	0	0	0			P7
37	1	1	1	1			P8
38	0	0	0	0			P9
39	0	0	0	0			P10
40	1	1	1	1			P11
41	8	8	8	8			P12
42	10	10	10	10			P13
43	0	0	0	0			P14
44	4	4	4	4			P15
45	10	10	10	10			P16
46	0	0	0	0			P17 - Option PCB settings (don't have manual for those settings)
47	0	0	0	0			???
48	37	37	37	37	Nominal (Maximum) level of ventilation - lower byte	m3/h	Value set after calibrating Brink/Renovent after filter replacement - it's maximum volume ventilation can achieve.
49	1	1	1	1	Nominal (Maximum) level of ventilation - higher byte		
50	50	50	50	50			
51	0	0	0	0			
52	180	146	37	0	Actual level of ventilation - lower byte	m3/h	No. 1 - Outlet volume
53	0	0	1	0	Actual level of ventilation - higher byte		No. 1 - Outlet volume
54	0	0	0	0			No.3 - Bypass status ???(0 = valve shut, 1=automatic, 2=input at minimum)
55	106	106	106	108	Looks like supply inlet temp rounded to integer - 100 °C	°C	No. 4 - Temperature from atmosphere
56	119	118	118	117	Looks like exhaust inlet temp rounded to integer - 100 °C	°C	No. 5 - Temperature from indoors
57	1	1	1	1	??		
58	0	0	0	0	??		
59	0	0	0	0	In.0		No. 6 - Not applicable per Brink/Renovent User Manual
60	180	146	37	0	Current input volume - lower byte	m3/h	No. 7 -
61	0	0	1	0	Current input volume - higher byte		No. 7 -
62	180	146	37	0	Current output volume - lower byte	m3/h	No. 8 -
63	0	0	1	0	Current output volume - higher byte		No. 8 -
64	0	0	177	0	Current pressure input duct - lower byte	Pa	No. 9 -
65	0	0	0	0	Current pressure input duct - higher byte		No. 9 -
66	84	51	4	0	Current pressure output duct - lower byte	Pa	No. 10 -
67	0	0	1	0	Current pressure output duct - higher byte		No. 10 -
68	0	0	0	0	Defrost system status: 0 - inactive, 1..4 - Supply/Exhaust Imbalance, 5 - Supply fan stopped		No. 11 -
69	180	180	180	180	Looks like supply outlet temp rounded to integer - 100 °C	°C	No. 12 -
70	180	180	180	180	Looks like exhaust outlet temp rounded to integer - 100 °C	°C	No. 13 -
71	180	180	180	180			
72	3	3	3	3			