This display unit allows you to read and modify all the values of the variables or setpoints of the rooftop to which it is connected.

NOTE : If your ROOFTOP already has a KP17 Comfort display connected (see previous section) simply disconnect it and connect this panel to the same location, once completed re-connect the KP17. It is not necessary to switch off the power to the CLIMATIC™ whilst the KP02/KP17 is being changed.

The dialogue with the controller is initiated by the CLIMATIC™. If, after 3 attempts, no communication is established, a message will be displayed signalling the problem. The unit will then try to re-connect at regular intervals.

CALLOUT :

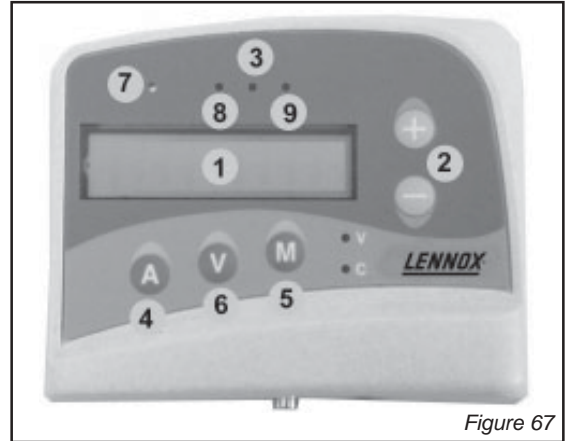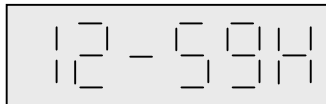|	
1	LIQUID CRYSTAL DISPLAY
2	RAISE/LOWER KEYS
3	"FILTER" LED (flashing red)
4	"ADDRESS" KEY
5	"MODE" KEY
6	"VALUE" KEY
7	"UNIT RUNNING" LED
8	"MODE" LED
9	"GENERAL ALARM" LED.

Figure 67

1 - DISPLAY FORMATS

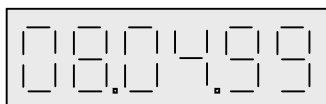### Hour

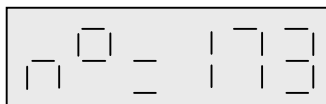Default display. If the display unit has been inactive for 5 minutes, this screen will automatically be displayed.

  <--> 12 hours and 59 minutes

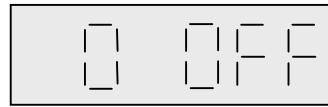### Date

  <--> 8 April 1999

Variable or setpoint address

Variable or setpoint value

Digital Values

[display: ON]	1 <--> ON
[display: OFF]	0 <--> OFF

Temperatures
Temperatures are displayed in °C, to an accuracy of 0.1 °C

[display: -21.6]	<--> -21.6 °C
[display: 105.8]	<--> + 105.8 °C

Pressures
Pressure is given in bars, to an accuracy of 0.1 bar.
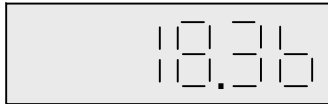
[display: 18.3]	<--> 18.3 bars

Other analog values
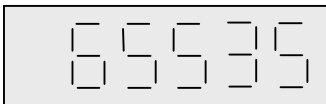
[display: 65535]	Valeurs displayed
[display: -32768]	Values non displayed
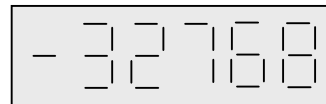
Specific Displays

Software Version
When the unit is powered up, the KP02 software version number is displayed.
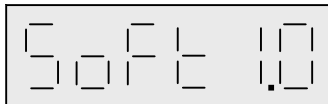
[display: Soft 1.0]	<--> version 1.0 (for example)

Display Test
The display can only be tested for correct operation when the unit is powered up and by pressing on the 3 keys "A", "M" and "-" simultaneously. If the display is working correctly, the following will be displayed :
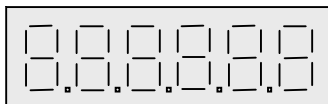
[display: 8.8.8.8.8.8]	All digits are properly displayed.

Communication Error
If there is no communication between the KP02 display unit and the CPU card, the following message is displayed :
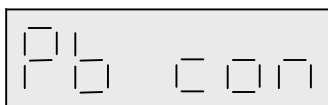
[display: Pb Com]	<--> "Communication problem"

2 - OPERATING MODES

The maintenance display allows for 4 modes of operation.
Key **[M]** allows you to move successively and in a loop from one mode to the next.
The current mode is indicated by the status of LEDs **[V]** and **[C]** :

Status of LEDs associated with current mode :	[V]	[C]
A. The variable mode allows you to read the values of variables	lit	not lit
B. The setpoint mode allows you to change the settings	not lit	lit
C. The read date mode allows you to view the time and the date	not lit	not lit
D. The date setting mode allows you to change the time and the date	lit	lit

A : VARIABLES MODE

Pressing key **[A]** displays the address of the variable being read.
To go to a higher address, press **[A]** while simultaneously pressing on **[+]**.
The address will increase slowly by pressing **[+]** intermittently or more quickly by keeping your finger on the key.
To go to a lower address, proceed as above but with the **[-]** key.

When the required address appears, press **[V]** to display the variable value. If you do not press any key, the display will automatically return after a minute. The variables are updated every second.

B : SETPOINTS MODE

The setpoint address can be chosen in the same way as for the variable address (see above).
When the address of the required setpoint appears, pressing **[V]** will likewise display the current value.
To increase the setpoint press **[V]** while holding down the **[+]** key at the same time.
The address will increase slowly by pressing **[+]** intermittently or more quickly by keeping your finger on the key.
To go to a lower setpoint, proceed as above but with the **[-]** key as well as the **[V]** key.

The new value is applied when **[V]** is released.

PASSWORD

Access to all the setpoints is password-protected. Enter the password before making changes.
To do so, following the above procedure : go to address setting n° 0 and enter the number corresponding to your password.

If the password code is correct, the following message will appear when key **[V]** is released :

```
 I    On
```
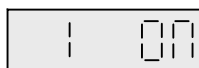
If the keypad has been inactive for 5 minutes, the password is reactivated. You must therefore enter it again to continue making changes to the setpoint values.

C : DATE READING MODE

One of the following modes

- Hour
```
HEurE
```

- or date
```
dAtE
```

can be chosen by pressing **[A]** and briefly pressing on **[+]** or **[-]**.
Pressing **[V]** will display the value of the data selected, otherwise it will automatically be displayed after a minute.

D : DATE SETTING MODE

This mode allows the 6 date modes to be set :

- Hours and minutes   <-->
```
HEurE
```

- Day of the month   <-->
```
dAtE
```

- Day of the week   <-->
```
Jour S
```

- Month   <-->
```
MoI S
```

- Year   <-->
```
AnnEE
```
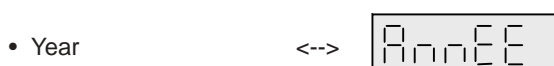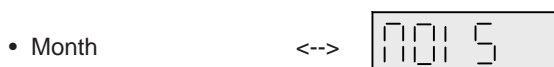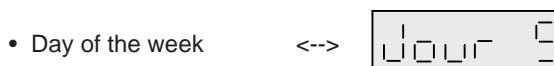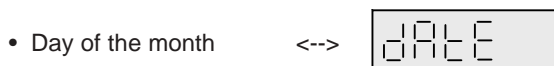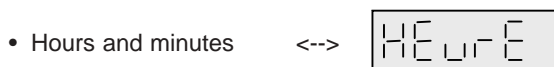
In the same way as for the setpoints, the value can be increased by simultaneously pressing on keys **[V]** and **[+]** and they can be decreased by simultaneously pressing on **[V]** and **[-]**.

For different types of data, the setting ranges are as follows :

Item	Minimum value	Maximum value
Hours and minutes	00-00H	23-59 H
Day of the month	1	31
Day of the week	1	7
Month	1	12
Year	0	99

Changes are only incorporated when key **[A]** is pressed.

NOTE : The compatibility of the value for the day of the month is not checked when it is entered. You might therefore enter February 31st but when you try to validate, it will be ignored and the preceding value stored.

3 - POWER SUPPLY (LED 7 - figure 40)

When lit, the LED indicates that the machine is powered up.

4 - MODE (LED 8 - figure 40)

This LED indicates the current operating mode.
In normal mode, i.e. within the programmed schedules, the LED flashes.
In forced day mode, the LED is permanently on and in forced night mode, the LED is off.

5 - FILTER DIRTY (LED 3 - figure 40)

This LED indicates that the CLIMATIC™ has detected that the filter is blocked.

6 - GENERAL FAULT (LED 9 - figure 40)

This LED indicates a general fault has been detected.
Refer to the "Fault codes" section of this manual.

LIST OF SETPOINTS (LF 20 - APRIL 2002)

1st Level

		Mini.	Factory	Maxi.
C 000	[Kp02] Password, technician level	0	#	255
C 001	[Kp17] [Mode] Required room temperature (in °c). This value corresponds to the middle of the dead zone - (active for Day mode only)	C 051	21.0°C	C 050
C 002	[Kp17] Forced occupied mode (Day) – This action deactivates automatically when the clock first pass midnight - Yellow led lit	Off	Off	On
C 003	[Kp17] Cancels the override of day or night modes- Yellow led flashing	Off	Off	On
C 004	[Kp17] Forced unoccupied mode (Night) – This action automatically deactivates when the clock pass midnight for the second time – Yellow led off	Off	Off	On
C 005	[Reset] Fault reset	Off	Off	On
C 006	[On / Off] Remote control, On / Off unit	Off	Off	On
C 007	[Kp02] Selection of the memory number for the defaults to be visualized	1	#	5
C 008	[Kp02] [Mode] Mode selection for the visualization and the adjustment of the settings 0 = Day, 1 = Week-End, 2 = Night, 3 = not used, 4 = Morning, 5 = Midday, 6 = Evening 7 = BMS	0	#	7
C 009	[Mode] Day of the week, Start of mode - (active for the Week-End mode)	1	#	7
C 010	[Mode] Hour, Start of mode - (active for the modes Week-End, Night, Morning, Midday, Evening)	0 h	# h	22 h
C 011	[Mode] Minute, Start of mode - (active for the modes Week-end, Night, Morning, Midday, Evening)	0 m	# m	59 m
C 012	[Mode] Day of the week, End of mode - (active for the Week-End mode)	1	#	7
C 013	[Mode] Hour, End of mode - (active for the modes Week-End, Morning, Midday, Evening)	0 h	# h	23 h
C 014	[Mode] Minute, End of mode - (active for the modes Week-End, Morning, Midday, Evening)	0 m	# m	59 m
C 015	[Mode] Required maximum room temperature (in °c) - Cooling set point	8.0 c	# c	35.0 c
C 016	[Mode] Required minimum room temperature (in °c) - Heating set point	8.0 c	# c	35.0 c
C 017	[Mode] Selection of humidity control mode [Off] The relative humidity set points are taken into account (in %) [On] The absolute humidity set points are taken into account - (in g/kg)	Off	Off	On
C 018	[Mode] Required maximum room relative humidity (in %) – Dehumidification set point	0 %	# %	100 %
C 019	[Mode] Required maximum room absolute humidity (in g/kg) – Dehumidification set point	0.0 g/kg	# g/kg	30.0 g/kg
C 020	[Mode] Required minimum room relative humidity (in %) – Humidification set point	0 %	# %	100 %

LIST OF SETPOINTS (LF 20 - APRIL 2002) - cont'd

1st Level

		Mini.	Factory	Maxi.
C 021	[Mode] Required minimum room absolute humidity (in g/kg) – Humidification set point	0.0 g/kg	# g/kg	30.0 g/kg
C 022	[Mode] Required minimum percentage for fresh air	0 %	# %	100 %
C 023	[Mode] Stopping and running of the fan blower supply [Off] The blower is stopped [On] The blower is running.	Off	#	On
C 024	[Mode] Stopping and running of the fan blower supply in the regulation dead zone [Off] The blower is stopped [On] The blower is running	Off	#	On
C 025	[Mode] Management of the low speed on the fan supply in the cooling regulation zone [Off] The fan is on high speed [On] The fan is on low speed	Off	#	On
C 026	[Mode] Management of the low speed on the fan supply in the regulation dead zone [Off] The fan is on high speed [On] The fan is on low speed	Off	#	On
C 027	[Mode] Management of the low speed on the fan supply in the heating regulation zone [Off] The fan is on high speed [On] The fan is on low speed	Off	#	On
C 028	[Mode] Force the noise reduction mode [On] 50% of the compressors are unloaded	Off	#	On
C 029	[Mode] Force the operation mode	Off	#	On
C 030	[Command] Force the low speed on fan blower supply	Off	Off	On
C 031	[Command] Force the fresh air damper in the closed position - (0% fresh air)	Off	Off	On
C 032	[Command] Force the fresh air damper to its defined minimum set point position.	Off	Off	On
C 033	[Command] Force fresh air damper in the fully open position - (100% fresh air)	Off	Off	On
C 034	[Command] Force an unloading of the compressors	Off	Off	On
C 035	[Command] Force an unloading of the electric heat	Off	Off	On
C 036	[Command] Forced unloading of : (FLEXY™) - 50% of the compressors - 100% of electrical heat	Off	Off	On
C 037	[Command] Force an unloading of all refrigeration parts	Off	Off	On
C 038	[Command] Force an unloading of all heating parts	Off	Off	On
C 039	[Safety limits] Room temperature low limit (in °c) - Threshold of activation of the safety cut-out	5.0 c	10.0 c	20.0 c
C 040	[Safety limits] Room temperature high limit (in °c) - Threshold of activation of the safety cut-out	20.0 c	40.0 c	40.0 c

LIST OF SETPOINTS (LF 20 - APRIL 2002) - cont'd

1st Level

		Mini.	Factory	Maxi.
C 041	[Safety limits] Room relative humidity low limit (in %) - Threshold of activation of the safety cut-out	0 %	0 %	50 %
C 042	[Limit safety] Room absolute humidity low limit (in g/kg) - Threshold of activation of the safety cut-out	0.0 g/kg	0.0 g/kg	30.0 g/kg
C 043	[Safety limits] Room relative humidity high limit (in %) - Threshold of activation of the safety cut-out	50 %	100 %	100 %
C 044	[Limit safety] Room absolute humidity high limit (in g/kg) - Threshold of activation of the safety cut-out	0.0 g/kg	30.0 g/kg	30.0 g/kg
C 045	[Anticipation function] Bottom of slope (in °c) - Limit of activation of the function - This allows an anticipated start-up in the morning mode depending on the outside temperature.	0.0 c	10.0 c	20.0 c
C 046	[Anticipation function] Slope - Number of minutes of anticipation per degrees. This allows an anticipated start-up in the morning mode depending on the outside temperature.	0	0	100
C 047	[CO_2] Fresh air dampers opening threshold (in ppm)	0 ppm	1000 ppm	2000 ppm
C 048	[CO_2] Fresh air dampers maximum opening limit (in ppm)	0 ppm	1500 ppm	2000 ppm
C 049	[Extraction] Threshold of activation of the power exhaust fan according to the position of the economiser damper (in %)	0 %	10%	100 %

2nd Level

		Mini.	Factory	Maxi.
C 050	[kp17] [Mode] Maximum limit for room temperature, Day mode (in °c) - (active for the mode Day)	21.0 c	27.0 c	35.0 c
C 051	[kp17] [Mode] Minimum limit for room temperature, Day mode (in °c) - (active for the mode Day)	8.0 c	17.0 c	21.0 c
C 052	[Room control] Minimum operation time for a stage (in seconds)	25 s	180 s	1800 s
C 053	[Room control] Temperature difference between the beginning and the end of a stage of control in cooling. (in °c)	0.0 c	1.0 c	10.0 c
C 054	[Room regulation] Temperature difference between two stages of control in cooling. (in °c)	0.1 c	1.0 c	10.0 c
C 055	[Room control] Temperature difference between the beginning and the end of a stage of control in heating. (in °c)	0.0 c	0.5 c	10.0 c
C 056	[Room control] Temperature difference between two stages of control in heating. (in °c)	0.1 c	0.5 c	10.0 c
C 057	[Room control] Choice of the priority for the control in heating. [On] Hot water coil or electrical heater or gas then compressors [Off]. Compressors then hot water coil or electrical heater or gas	Off	Off	On
C 058	[Supply control] Activation of the control. – The control of the supply applies when the room temperature is in the dead zone. - This function allows to maintain comfort with the supply air	Off	Off	On
C 059	[Supply control] Sampling time (in seconds)	1 s	10 s	120 s
C 060	[Supply control] Choice of the priority for the control in heating [On] Hot water coil or electrical heater or gas then compressors [Off] Compressors then hot water coil or electrical heater or gas	Off	Off	On

LIST OF SETPOINTS (LF 20 - APRIL 2002) - cont'd

2nd Level

		Mini.	Factory	Maxi.
C 061	[Humidity control] Relative humidity difference between the beginning and the end of a stage of control in dehumidification (in %)	1 %	3 %	50 %
C 062	[Humidity control] Relative humidity difference between two stages of control in dehumidification (in %)	1 %	3 %	50 %
C 063	[Humidity control] Sampling time of the control in humidification (in seconds)	1 s	10 s	120 s
C 064	[Humidity control] Proportional band for the control in humidification (in %)	1 %	5 %	50 %
C 065	[Safety limit] Supply temperature low limit (in °c) - Threshold of activation of the 1st level of safety.	C 066 + 2.0 c	8.0c / 10.0 c	19.0 c
C 066	[Safety limit] Supply temperature low limit (in °c) - Threshold of activation of the 2nd level of safety.	C 067 + 2.0 c	6.0c / 8.0 c	17.0 c
C 067	[Safety limit] Supply temperature low limit (in °c) - Threshold of activation of the 3rd level of safety. - Alarm threshold	5.0 c / 1.0 c	2.0c / 6.0 c	15.0 c
C 068	[Safety limit] Supply temperature high limit (in °c) - Threshold of activation of the 1st level of safety	20.0 c	40.0 c	70.0 c
C 069	[Safety limit] Supply temperature high limit (in °c) - Threshold of activation of the 2nd level of safety. - Alarm threshold	C 068	60.0 c	70.0 c
C 070	[Control limit] Fresh air damper - Maximum outdoor temperature limit (in °c). - If the outdoor temperature is higher than this limit the control in free-cooling is not authorized. - The fresh air damper is then positioned on the minimum setting.	0.0 c	26.0 c	60.0 c
C 071	[Control limit] Fresh air damper – Minimum outdoor temperature limit (in °c). - If the outdoor temperature is lower than this limit the control in free-cooling is not authorized. - The fresh air damper is then positioned on the minimum setting.	0.0 c	5.0 c	30.0 c
C 072	[Fresh air damper] Maximum allowable opening for the fresh air damper (in %)	0 %	100 %	100 %
C 073	[Control limit] * 1° (FLEXY) If option all seasons control - Reduction of speed of the condenser fans - Threshold of outdoor temperature (in °c). - If the outside temperature is lower than this threshold the condenser fans run low speed * 2° Otherwise – Unloading 50% of the compressors in cooling mode - Threshold of outdoor temperature (in °c). - If the outdoor temperature is lower than this threshold 50% of the compressors are unloaded by the control.	-10.0 c / 10.0 c	12.0 c / 20.0 c	30.0 c
C 074	[Control limit] * 1° If option all seasons control – Shut down condenser fans - Threshold of outdoor temperature (in °c). - If the outdoor temperature is lower than this threshold the condenser fans are stopped * 2° Otherwise - Unloading 100% of compressors in cooling mode - Threshold of outdoor temperature (in °c). - If the outdoor temperature is lower than this threshold the compressors are stopped by the control	-10.0 c / 10.0 c	5.0 c / 12.0 c	30.0 c
C 075	[Control limit] Unloading 100% of compressors in heating mode - Threshold of outdoor temperature (in °c). - If the outdoor temperature is lower than this threshold the compressors are not used by the regulation	-50.0 c	-20.0 c	20.0 c

LIST OF SETPOINTS (LF 20 - APRIL 2002) - cont'd

2nd Level

		Mini.	Factory	Maxi.
C 076	[Defrost function] Authorization of defrost - Threshold of outdoor temperature (in °c)	8.0 c	10.0 c / 20.0 c	20.0 c
C 077	[Defrost function] Authorization of defrost - Threshold of temperature of refrigerant fluid (in °c)	-10.0 c	2.0 c / -2.0 c	6.0 c
C 078	[Defrost function] Coil icing time (in minute) - The defrost cycle starts if the operating time of a compressor in heat pump mode reached this value	30 m	30 m / 45 m	90 m
C 079	[Defrost function] Defrost cycle end - Value indicating the number of start-up of the condenser fan by the pressure switch to signify the end of the defrost cycle	1	1 / 3	5
C 080	[Safety limit] Water heat exchanger output temperature low limit (in °c) - Threshold of activation of the safety	4.0 c	5.0 c	20.0 c
C 081	[Safety limit] Water heat exchanger output temperature high limit (in °c) - Threshold of activation of the safety	20.0 c	45.0 c	46.0 c
C 082	[Control limit] Unloading 100% of electrical heat - Threshold of outdoor temperature (in °c). If the outdoor temperature is higher than this threshold electrical heat are switched off by the control	-20.0 c	10.0 c	30.0 c
C 083	[Electric heat] Maximum usable power for electric heat (in %)	0 %	100 %	100 %
C 084	[Electric heat] (FLEXY FX) All season control - Threshold of mixed air temperature (in °c) - If the mixed air temperature is lower than this threshold electric heat is activated	0.0 c	5.0 c	10.0 c
C 085	[Safety limit] Air flow detection - Threshold of pressure difference for the loss of pressure detection (in pa) - If the pressure difference across the filters is lower than this threshold the safety is activated.	0 pa	20 pa	1000 pa
C 086	[Safety limit] Clogged filter detection– Threshold of pressure difference for the detection of clogging (in pa) - If the pressure difference across the filters is higher than this threshold the safety is activated	0 pa	250 pa	1000 pa
C 087	[Safety limit] Missing filter detection - Threshold of pressure difference for the detection of missing filters (in pa) - If the pressure difference across the filter is lower than this threshold the safety is activated	0 pa	50 pa	1000 pa
C 088	[kp12-2] Time delay for the closing of contact n°3 (in seconds)	4 s	60 s	65535 s
C 089	[kp12-2] Time delay for the opening of the contact n°2 (in seconds)	2 s	300 s	65535 s
C 090	[kp17] Choice of operating mode – [Off] Left button = Forcing day mode / Medium button = Cancel forcing / Right button = Forcing night mode – [On] Left button = Start the unit / Right button = Stop the unit	Off	#	On
C 091	[Configuration] Identification number for the j-bus connections	1	#	255
C 092	[BMS] Activation of the control by a computer or an automat - Mode BMS is activated if this value is different from zero, this value is decreased every second	0	0	65535
C 093	[Configuration] [Link] Identification number for the connections link between boards	0	#	7
C 094	[Configuration] [Link] Number of boards linked on the bus	0	#	8

LIST OF SETPOINTS (LF 20 - APRIL 2002) - cont'd

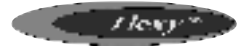**2nd Level**

		Mini.	Factory	Maxi.
C 095	[Configuration] [Link] Selection of the operating mode – [0] Inactive [1] One kp17 for several units - All information on the kp17 connected to the master unit is communicated to the slave units [2] One unit in standby mode - The unit with the highest address connected to the bus is stopped. If a fault is detected on another unit, the faulty unit is stopped and the standby unit is started automatically [3] Same as choice 2 but the standby unit is changed every Tuesday at 8 o'clock	0	#	3
C 096	[Configuration] [Link] Selection of exchange mode for room temperature and humidity [0] Inactive [1] The room temperature and humidity of the master unit are communicated to the slave units [2] The room temperature and humidity are taken as the average of the active probes.	0	#	2
C 097	[Configuration] [Link] Selection of exchange mode for outdoor temperature and humidity [0] Inactive [1] The outdoor temperature and humidity of the master unit are communicated to the slave units [2] The outdoor temperature and humidity are taken as the average of the active probes.	0	#	2
C 098	[Configuration] Type of unit	0	#	65535
C 099	[Configuration] Type of unit [Off] FLEXY	Off	#	On
C 100	[Configuration] Activation of the dual-speed option for fan supply	Off	#	On
C 101	[Configuration] Activation of the all seasons control option	Off	#	On
C 102	[Configuration] Activation of the optimised defrost option	Off	#	On
C 103	[Configuration] Activation of the humidity and the enthalpy management option	Off	#	On
C 104	[Various] Override all set points to factory settings	Off	Off	On
C 105	[Various] reserved Lennox	0	0	65535

VARIABLE LIST *(LF 20 - April 2002)*

1st Level

V 000	[Defects] error codes
V 001	[Value] Temperature (in °c), Room, Reference value
V 002	[Value] Relative humidity (in %), Room, Reference value
V 003	[Value] Absolute humidity (in g/kg), Room, Reference value
V 004	[Value] Temperature (in °c), Outdoor, Reference value
V 005	[Value] Relative humidity (in %), Outdoor, Reference value
V 006	[Value] Absolute humidity (in g/kg), Outdoor, Reference value
V 007	[Input] Temperature (in °c), Supply
V 008	[Input] Temperature (in °c), Mixing
V 009	[Input] Temperature (in °c), Free
V 010	[Input] Temperature (in °c), Chilled water
V 011	[Input] Temperature (in °c), Compressor, n°1
V 012	[Input] Temperature (in °c), Compressor, n°2
V 013	[Input] Temperature (in °c), Compressor, n°3
V 014	[Input] Temperature (in °c), Compressor, n°4
V 015	[Input] Temperature (in °c), Condenser, n°1
V 016	[Input] Temperature (in °c), Condenser, n°2
V 017	[Input] Temperature (in °c), Condenser, n°3
V 018	[Input] Temperature (in °c), Condenser, n°4
V 019	[Input] Temperature (in °c), Water condenser, Output exchanger
V 020	[Input] Signal, Shift of the set point
V 021	[Input] Pressure (in pa), Air flow, Supply fan
V 022	[Input] Signal (in ppm), Air quality sensor, CO^2
V 023	[Input] Pressure (in b), Compressor, n°1
V 024	[Input] Pressure (in b), Compressor, n°2
V 025	[Input] Pressure (in b), Compressor, n°3
V 026	[Input] Pressure (in b), Compressor, n°4
V 027	[Output] Supply fan
V 028	[Output] Supply fan, Command low speed
V 029	[Output] Extraction fan
V 030	[Output] Compressor, n°1
V 031	[Output] Compressor, n°2
V 032	[Output] Compressor, n°3
V 033	[Output] Compressor, n°4
V 034	[Output] Compressor, Cycle reversing valve, Heat pump, n°1
V 035	[Output] Compressor, Cycle reversing valve, Heat pump, n°2
V 036	[Output] Compressor, Cycle reversing valve, Heat pump, n°3
V 037	[Output] Compressor, Cycle reversing valve, Heat pump, n°4
V 038	[Output] Compressor, Hot gas injection valve
V 039	[Output] Condenser fan, Command low speed
V 040	[Output] Condenser fan, n°1
V 041	[Output] Condenser fan, n°2
V 042	[Output] Condenser fan, n°3
V 043	[Output] Condenser fan, n°4
V 044	[Output] Pump
V 045	[Output] Electrical heater, n°1, 1st level
V 046	[Output] Electrical heater, n°1, 2nd level
V 047	[Output] Electrical heater, n°2
V 048	[Output] Gas grade, n°1, 1st level
V 049	[Output] Gas grade, n°1, 2nd level
V 050	[Output] Gas grade, n°2

V 051	[Output] Gas grade, Reset
V 052	[Output] Economiser, Proportional action (0-255)
V 053	[Output] Chilled water coil, Proportional action (0-255)
V 054	[Output] Hot water coil, Proportional action (0-255)
V 055	[Output] Electrical heater, Static relays, Proportional action (0-255)
V 056	[Output] Humidifier, Proportionnel action (0-255)

V 057 [Statute] supply fan

1 =	ok	2 =	option air flow
3 =	option low speed	4 =	option air flow + low speed
6 =	activation of a defect	7 =	activation of a defect filters
8 =	ventilation nonready		

V 058 [Statute] Economiser

0 =	option any air recycled	1 =	all fresh air
2 =	option economiser	3 =	option enthalpy
4 =	option co^2	5 =	option enthalpy + co^2
6 =	function enthalpy activates	7 =	remote command active
8 =	ventilation no ready		

V 059 [Statute] Chilled water coil

0 =	not configured	1 =	ok
8 =	ventilation no ready		

V 060 [Statute] Hot water coil

0 =	not configured	1 =	ok
8 =	ventilation no ready		

V 061 [Statute] Compressor, n°1

0 =	not configured	1 =	option cooling only
2 =	option heat pump	3 =	defrost in progress
5 =	limit outside temperature or remote command active		
6 =	activation of a defect	7 =	activation of a defect condenser
8 =	ventilation no ready		

V 062 [Statute] Compressor, n°2

0 =	not configured	1 =	option cooling only
2 =	option heat pump	3 =	defrost in progress
5 =	limit outside temperature or remote command active		
6 =	activation of a defect	7 =	activation of a defect condenser
8 =	ventilation no ready		

V 063 [Statute] Compressor, n°3

0 =	not configured	1 =	option cooling only
2 =	option heat pump	3 =	defrost in progress
5 =	limit outside temperature or remote command active		
6 =	activation of a defect	7 =	activation of a defect condenser
8 =	ventilation no ready		

V 064 [Statute] Compressor, n°4

0 =	not configured	1 =	option cooling only
2 =	option heat pump	3 =	defrost in progress
5 =	limit outside temperature or remote command active		
6 =	activation of a defect	7 =	activation of a defect condenser
8 =	ventilation no ready		

V 065 [Statute] Condenser

0 =	not configured	1 =	option air condenser
2 =	option water condenser	6 =	activation of a defect
8 =	ventilation no ready		

V 066 [Statute] Pump

0 =	not configured	1 =	ok
6 =	activation of a defect	8 =	ventilation no ready

V 067 [Statute] Electrical heater

0 =	not configured	1, 2 or 3 =	number of stages
4 =	static relays		
5 =	limit outside temperature or remote command active		
6 =	activation of a defect	8 =	ventilation no ready

V 068	[Statute] Gas grade	
	0 = not configured	1, 2 or 3 = number of stages
	6 = activation of a defect	8 = ventilation no ready
V 069	[Statute] Humidifier	
	0 = not configured	1 = ok
	6 = activation of a defect	8 = ventilation no ready
V 070	[Regulation] Real set point, Cooling, Room	
V 071	[Regulation] Real set point, Heating, Room	
V 072	[Regulation] Power-factor, Cooling, Room	
V 073	[Regulation] Power-factor, Heating, Room	
V 074	[Regulation] Real set point, Supply	
V 075	[Regulation] Power-factor, Cooling, Supply	
V 076	[Regulation] Power-factor, Heating, Supply	
V 077	[Regulation] Real set point, Dehumidification, Room	
V 078	[Regulation] Real set point, Humidification, Room	
V 079	[Regulation] Power-factor, Dehumidification, Room	
V 080	[Regulation] Power-factor, Humidification, Room	
V 081	[Mode] Number of the active mode	
V 082	[Function] Number of the unit in standby	
V 083	[Defects] Memory, Code	
V 084	[Defects] Memory, Hour	
V 085	[Defects] Memory, Minute	
V 086	[Defects] Memory, Day	
V 087	[Defects] Memory, Month	
V 088	[Information] Non-standard program	
V 089	[Information] Number of version of the program	

CONFIGURATION

This information is taken into account by the program after having switched off/on the CLIMATIC, and a second time for C091 and C093 setpoints.

Set point 'Eeprom'

(KP02 C.083)	Maximum percentage of power of electrical heater	1
(KP02 C.090)	On = KP17 in ON/OFF mode	1
(KP02 C.091)	J.Bus - Number of slave (KP06, KP07, CLIMALINK, CLIMALOOK)	2
(KP02 C.093)	Link - Identification number	2
(KP02 C.094)	Link - Number of connected cards	1
(KP02 C.095)	Link - Functions	1
(KP02 C.096)	Link - Room Temperature and Humidity	1
(KP02 C.097)	Link - Outside Temperature and Humidity	1
(KP02 C.098)	See tables below	1
(KP02 C.100)	On = Option Bi-Speed of the blower	1
(KP02 C.101)	On = Option Regulation all seasons	1
(KP02 C.102)	On = Option optimised defrost	1
(KP02 C.103)	On = Option Enthalpy and management of the humidity	1

Configuration table LF20

F.A050	11	**FXA025**	20	**F.K050**	111	**FXK025**	120
F.A060	12	**FXA030**	21	**F.K060**	112	**FXK030**	121
F.A070	13	**FXA035**	22	**F.K070**	113	**FXK035**	122
F.A085	14	**FXA040**	23	**F.K085**	114	**FXK040**	123
F.A100	15	**FXA055**	24	**F.K100**	115	**FXK055**	124
F.A120	16	**FXA070**	25	**F.K120**	116	**FXK070**	125
F.A140	17	**FXA085**	26	**F.K140**	117	**FXK085**	126
F.A160	18	**FXA100**	27	**F.K160**	118	**FXK100**	127
F.A190	19	**FXA110**	28	**F.K190**	119	**FXK110**	128
		FXA140	29			**FXK140**	129
		FXA170	30			**FXK170**	130

Switches on KP01

1 = on .... Option : pressure pick-up on air 500 pa (on FLEXY™ off = sensor 1000 pa)

2 = on | 3 = off .... Option : hot water coil

2 = off | 3 = on .... Option : electrical heater

2 = on | 3 = on .... Option : gas burner

4 = on .... Option : cycle reversing valve, compressors (heat pump)

5 = on .... Option : heating of great power / or / pump (except freezing of the hot water coil)

6 = on .... Option : fresh air, economiser

7 = on .... Option : fresh air, all fresh air

8 = on .... Option : KP02 / KP17