

## Operating instructions for Radio controller 5 keys 433,92 MHZ p/n FE1004

### Use of keys and radio control functions

“O” Central key : turn off / on the motor, reset the filters usage counter and filters alarm and is used as a "Exit" key in the navigation within the Configuration Menu.

“MENU” key: ("F" letter and watch in silkscreen): is used to access the Configuration menu and as key Confirmation in navigation in the Configuration menu.

“+” key: increases the speed of the motor, allows navigation within the Configuration menu and allows you to enable/disable the automatic operation.

“-” key: increases the speed of the motor and allows navigation within the Configuration Menu.

“Light”: turn on and turn off the light.



### Coupling new radio control

Cut power supply to the regulator and power on it again; press and hold the "+" button of the remote control in the startup phase indicated by the point of the display on; to indicate that coupling is ok, the letter "r" will be temporarily displayed.

**Note: You can't associate more than one radio remote control at a time;** if you attach a new remote control, the one, previously stored, will be replaced.

## REGULATOR CONFIGURATION

### Configuration Menu

With Motor off, access the Configuration Menu by pressing for at least 3 seconds the button "SW1" or the "MENU" button of the radio control.

The keys of keyboard and Radio allow navigation in the Configuration menu as follows:

- SW1 or "MENU" (called "ENTER"): Confirmation value set, or input into submenus.
- SW2 or "O" (referred to as "ESC"): Exit without saving value set, or rising the tree submenus.
- SW3 or "+" (referred to as "UP"): Increase value during setting or scroll of sub menu items active.
- SW4 or "-" (referred to as "DOWN"): Decrease value during setting or scroll of sub menu items active.

"P" menu: The menu "P" is the entry point into the setup menu and allows the setting along the start speed, minimum and maximum; UP button switches to the "T" menu while the DOWN button switches over to "n" menu.

With ESC key, you exit the Configuration Menu.

With ENTER key, you enter the sub-menu of the starting speed setting "b" (boost). The motor runs at minimum speed that can be associated to that parameter (note that this speed, depending on the type of load applied, it may not be sufficient to start the motor, in this case, press the UP key to increase it up when the motor starts). The speed can be adjusted to the desired point with the UP and DOWN keys.

With the ENTER key it is acquired as starting speed the current one and enter the sub-menu setting of the minimum speed "L" (Low); using the UP and DOWN keys, you can bring the motor speed to the minimum level required; you can't select a speed higher than that chosen for the starting speed.

With the ENTER key is taken as the minimum speed (1) the current one and enter the sub-menu setting of the maximum speed "H" (High); the motor runs at maximum speed (8) which can be varied to the desired point with the UP and DOWN keys. With the ENTER key is taken as the maximum speed (8) the current one, intermediate speeds are calculated automatically; the 8 speeds and the starting speed are stored and you return to the "P" menu.

Pressing the ESC key in the submenu "b", "L" and "H" to return to the "P" menu without saving any speed setting.

**Menu "t":** menu "t" allows you to set the delay of the actual motor shutdown (see how to power off the motor); UP button switches to the "F" menu while the DOWN button switches to the "P" menu.

Press ESC key to exit from Configuration Menu.

With ENTER key, you enter the sub-menu of switch-off delay setting; using the UP and DOWN keys you can choose upon 10 possibilities (0 to 9) which correspond to the timing in the following table:

<b>0: 0 sec.</b>	<b>1: 20 sec. (default)</b>	<b>2: 40sec.</b>	<b>3: 60 sec.</b>
<b>4: 80 sec.</b>	<b>5: 100 sec.</b>	<b>6: 120 sec.</b>	<b>7: 140 sec.</b>
<b>8: 160 sec.</b>	<b>9: 180 sec.</b>		

**Menu "F":** the menu "F" allows you to set the hours of motor's operation before generating an alarm for saturation filters; UP button switches to the "E" menu while the DOWN button switches to the "t" menu. Press ESC key to exit from Configuration Menu.

With ENTER key, you enter the sub-menu of saturation's hours setting; using the UP and DOWN keys, you can choose upon 10 possibilities (0 to 9) which correspond to the timing in the following table:

<b>0:0 hours (Default – alarm OFF)</b>	<b>1: 10 hrs</b>	<b>2: 20 hrs</b>	<b>3: 30 hrs</b>
<b>4: 40 hrs</b>	<b>5: 50 hrs</b>	<b>6: 60 hrs</b>	<b>7: 70 hrs</b>
<b>8: 80 hrs</b>	<b>9: 90 hrs</b>		

With the ENTER key, are captured and stored the life's filters hours and returns to the "F" menu. Press ESC key to return to the "F" menu without saving the setting in progress.

**Menu "E":** menu "E" allows to set the activation delay of the gas solenoid valve when the motor starts (see Startup motor Procedure); with the UP button you switch to the "A" menu while with the DOWN button you switch to the "F" menu.

Press ESC key to exit from Configuration Menu.

With the ENTER key, you enter the sub-menu of setting the activation delay gas solenoid valve; using the UP and DOWN keys, you can choose upon 10 possibilities (from 0 to 9) which correspond to the timing in the following table:

<b>0: 1 sec.</b>	<b>1: 10 sec.</b>	<b>2: 20 sec. (default)</b>	<b>3: 30 sec.</b>
<b>4: 40 sec.</b>	<b>5: 50 sec.</b>	<b>6: 60 sec.</b>	<b>7: 70 sec.</b>
<b>8: 80 sec.</b>	<b>9: 90 sec.</b>		

With the ENTER key, is acquired and stored the selected delay and returns to the "E" menu. Press ESC key to return to the "E" menu without saving the setting in progress.