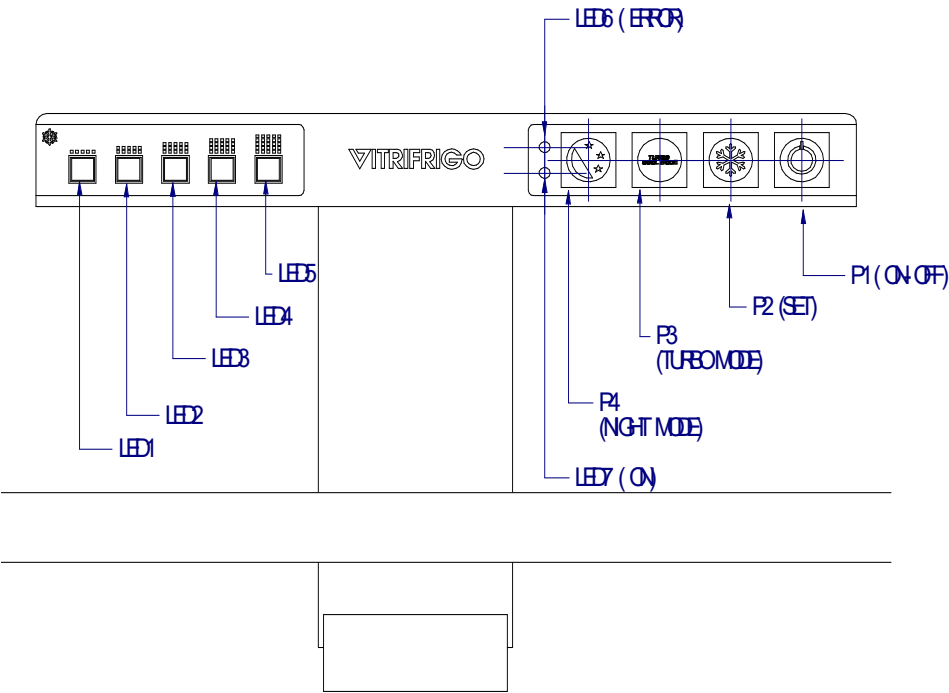


Vitrifrigo Digital Thermostat User Guide



TURNING ON AND OFF

- P_ON (**P1 ON-OFF**) : Switches the unit on and off. Delay of circa 2 seconds.

SETTING THE TEMPERATURE

P_SET (**P2 SET**) : temperature set button: adjusts the temperature and sets 5 temperature settings (from LD1/LD5)

SET TL43 (WITHOUT TURBO AND NIGHT
MODE)

	TEMP.			RPM	
X0000	+10			2500	LED1
0X000	+7			2500	LED2
00X00	+5			2500	LED3
000X0	+2			2500	LED4
0000X	-10			3500	LED5

NIGHT MODE

- P_NIGHT (**P4 NIGHT MODE**) : keep pressed (2"), it activates the NIGHT MODE function (or if pressed again it restores the normal mode) and switches on/off the LD NIGHT (LED7) and turns off all set LED (LD1/LD5)

FUNTION

Activates the related set programs (only active on LED SET 1/2/3/4 see table below). The set lasts for 6 hours then it reverts back to previous/original set.

SET NIGHT MODE

	TEMP.			RPM	
X0000	+10			2000	LED1
0X000	+7			2000	LED2
00X00	+5			2000	LED3
000X0	+2			2000	LED4
0000X	-10	OFF			LED5

TURBO MODE

- P_TURBO (**P3 TURBO MODE**) keep pressed (2"), it activates TURBO MODE function (or if pressed again it restores the normal mode). The related LED set will flash.

FUNCTION

activates the related set programs (active on all LED SET 1/2/3/4/5). This setting stays on until the set temperature is reached, then it switches back to previous setting.

SET TURBO MODE

	TEMP.		RPM	
X0000	+10		3500	LED1
0X000	+7			LED2
00X00	+5			LED3
000X0	+2			LED4
0000X	-10		3500	LED5

- **NOTE:** the Turbo function disables the NIGHT function (if it's already on) and VICEVERSA
- **ERR (LED 6):** flashes if an error/fault is detected on the compressor control unit (the LED flashes from 1 to 5 times, depending on FAULT). After the flashes there will be a pause. Every fault is flashed with a 4 seconds interval.

Flashes	Error type	
5	Thermal cut-out of electronic unit	If the refrigeration system has been too heavily loaded, or if the ambient temperature is high, the electronic unit will run too hot
4	Minimum motor speed error	If the refrigeration system is too heavily loaded, the motor cannot maintain minimum speed 1,850 rpm
3	Motor start error	The rotor is blocked or the differential pressure in the refrigeration system is too high (>5 bar)
2	Fan over-current cut-out	The fan loads the electronic unit with more than 1A peak
1	Battery protection cut-out	The voltage is outside the cut-out setting