

## Section IV - Operating Procedures

### MCI01 Display Messages

Message	Description
Add	Machine "address" from 1 to 32 (1 by default) on a RS485 network
ALr	Remote "alarm" reporting (option)
AUt	"Automatic": stop after no-load operation time
CEL	"Celsius": display of temperature in °C
CnT	"Continuous": No stopping of the compressor motor
CTr	"Remote" operation information reporting
Err	"Error": Fault external to the machine (e.g.: Phase monitoring option, etc.)
FAH	Fahrenheit: display of temperature in °F
FLt	"Filters" air filter + fluid filter + Drainage
Ld	"Load" operation hours
OFF	Operation control - remote stop deactivated
OLd	"Overload": motor overload
On	Operation control - remote stop activated
rUn	Total machine operation hours
SEP	Fluid "separator" - separator element
SEr	"Service": general maintenance available not wired as standard
Stp	"Stop": Emergency stop
- d -	"Dryer": taken into account
rES	"Restart" - Number of start-ups authorised by hour
DEF	"Defaut" - Remote fault report

### Display of Machine State Information

Display of operation hours, maintenance cycles:

Menu access condition:	compressor off, in load or no-load operation
To access menu:	press the "Clock" key
Scrolling:	press the "Clock" key
To exit the menu:	choose another function, or automatic exit on the fluid temperature after a few seconds

	Display	
TOTAL HOURS	"rUn"	Operation hours
LOAD HOURS	"Ld"	
AIR AND FLUID FILTERS, DRAINAGE	"FLt"	Maintenance
SEPARATOR	"SEP"	

### MCI01 Menus

#### Accessing the Menu

- ◆ Press "Thermometer" and "Hour" simultaneously for a few seconds.
- ◆ When "000" is displayed, select "002" by pressing "Thermometer". Input in the menu is automatic when the indicator light stops flashing.
- ◆ To scroll the settings, press the "O" (Off) key.

- ◆ Settings can be changed using the "Thermometer" and "Hour" buttons, with the change taking effect when the indicator light stops flashing.
- ◆ To exit the menu, press the "R" (Reset) key.

#### NOTICE!

The settings can be scrolled using the "O" (Off) key only when the yellow LED associated with the "R" (Reset) key is activated.

SETTING	ADJUSTMENT RANGE	STANDARD FACTORY SETTING
FILTER LIFE (DISPLAY BY FLASHING: FLT)	0 TO 4000H	500 (2000 AFTER 1ST DRAINAGE)
SEPARATOR LIFE (DISPLAY BY FLASHING: SEP)	0 TO 5000H	4000
MINIMUM NO-LOAD OPERATION DELAY	3 TO 30 MIN	5
OPERATION MODE	CNT (CONTINUOUS)/AUT (AUTOMATIC)	AUT
REMOTE ON/OFF	ON/OFF	OFF
GENERAL FAULT/RETURN TO ON	ALARM OUTPUT CONFIGURATION: ALR (ALARM AND FAULT) DEF (FAULT) CTR (ON AND STAND BY)	DEF
MACHINE ADDRESS	ADD1 TO ADD32	ADD1
TEMPERATURE UNIT	CEL (°C)/FAH (°F)	CEL
TIMING OF DRYER START-UP (OPTION)	0 TO 15 MINUTES	0
NUMBER OF START-UPS/HOUR	0 TO 30	6
DRYER ON/OFF FUNCTION (DISPLAY BY FLASHING: -D-)	ON/OFF	OFF
DRYER UPPER TEMPERATURE THRESHOLDS (OPTION)	5 TO 30 °C	30

#### COMMENTS:

- NO-LOAD OPERATION: CONTROLS THE COMPRESSOR OPERATION TIME IN UNLOAD BEFORE THE MACHINE STOPS ON "STAND BY" - MACHINE ON STAND-BY, READY TO RESTART FOLLOWING A DROP IN PRESSURE OF THE AIR NETWORK - THE STATE IS INDICATED BY THE FLASHING OF THE RED LED ASSOCIATED WITH THE KEY "O".
- CONTINUOUS OPERATION = COMPRESSOR MOTOR DOES NOT STOP.
- AUTOMATIC OPERATION = COMPRESSOR SHUTS DOWN IN "WAITING TO RESTART" STATE AFTER NO-LOAD OPERATION DELAY.
- MACHINE ADDRESS = IDENTIFICATION OF THE MACHINE IN A NETWORK.

- GENERAL FAULT/RETURN TO ON: CONFIGURATION OF THE "ALARM" OUTPUT/PARAMETER INACTIVE IF THE VENTILATOR IS CONTROLLED BY THE MCI01 IN THERMOSTATIC MODE (CONFIGURATION OF THE SAV MENU).

- GENERAL FAULT: FAULT REMOTE REPORTING, WITHOUT ALARMS (ONLY WHEN THE MACHINE IS STOPPED).

- RETURN TO ON: OPEN IF MACHINE ON "STOP", CLOSED IF MACHINE ON "START" (LOCAL MODE).

- ALARM: FAULT AND ALERT REPORTING (MACHINE STOPPED OR NOT).

NOTE: FOR ANY MODIFICATION IN THE CONFIGURATION OF THE MCI01 PLATE, CONSULT YOUR DISTRIBUTOR. INDICATE THE SOFTWARE NO. OF THE ELECTRONIC PLATE AND THE SERIAL NO. OF THE PLATE WRITTEN ON THE STICKER LOCATED ON THE BACK PLATE OF THE CONTROLLER.