

Electronic regulation

XW60VS



Compressor operation LED.
Flashing on anti-short cycle or with opened pressure switch.

Fan operation LED.
Flashing with compressor operation led during programming mode.

Defrost LED.
Flashing during drip time.

Fast freezing cycle LED.

KEYBOARD

- To display and modify target set point.
In programming mode it selects a parameter or confirm an operation.
By holding it pressed for 3s when max or min temperature is displayed it will be erased.
- To see max. stored temperature.
In programming mode it browses the parameter codes or increases the displayed value.
By holding it pressed for 3s the fast freezing cycle is started.
- To see the min stored temperature.
In programming mode it browses the parameter codes or decreases the displayed value.
- By holding it pressed for 3s the defrost is started.
- Switch ON and OFF the instrument.
- Manteniendo By holding both keys pressed for 3 secs. the unprotected parameters (Pr1 level) are accessible.
- To access the protected parameters (Pr2 level), type manufacturer password in Pr2 parameter.
- To exit programming mode.
- To lock and unlock the keyboard.

PARAMETER LIST

Label	Description	Range	List
REGULATION	SET	Temperature set point	LS - US
	Hy	Differential set point	0,1 to 25,5 °C
	LS	Minimum set point limit	-50°C to SET
	US	Maximum set point limit	SET to + 110 °C
	Ods	Outputs activation delay at start up	0 - 255 min
	AC	Anti-short cycle delay, interval between the compressor stop and the following restart.	0 - 30 min
	CCt	Fast-freezing cycle time.	0 - 23 h 50 min
	Con	Time during which the compressor is active in case of faulty thermostat probe.	0 - 255 min
	COF	Time during which the compressor is off in case of faulty thermostat probe.	0 - 255 min
	DISPLAY	CF	Temperature measurement unit.
RES		Temperature resolution, (in: integer, de:decimal point).	in - de
Lod		Probe displayed	P1 - Ir2
DEFROST	tdF	Defrost type (compact: hot gas, split: electrical heater).	rE, rT, in
	EdF	Defrost mode (in:standard, Sd:SmartDefrost)	in, Sd
	SdF	Set point for SmartDefrost	-30 - +30 °C
	dtE	Defrost termination temperature.	-50 - 110 °C
	ldF	Time between defrost cycles.	1 - 120 h
	MdF	Maximum defrost time.	0 - 255 min
	dFd	Displayed parameter during defrost cycle.	rt, it, Set, DEF, dEG
	dAd	Delay of max room temperature display after defrost cycle.	0 - 250 min
	dSd	Start defrost delay.	0 - 99 min
	Fdt	Compressor on delay after defrost cycle (draining time).	0 - 60 min
FAN	dPO	First defrost after start-up.	n - y
	dAF	Defrost delay after fast freezing.	0 - 23 h 50 min
	FnC	Fan operation mode: with compressor (C) or all time (O), and during defrost (y-n).	C-n, C-y, O-n, O-y
	Fnd	Fan delay after defrost.	0 - 255 min
ALARMS	FSt	Fan stop temperatura.	-50 - 110 °C
	ALC	Temperature alarm configuration.	rE - Ab
	ALU	High temperature alarm setting.	-50 - 110 °C
	ALL	Low temperature alarm setting.	-50 - 110 °C
	AFH	Temperature alarm and fan differential.	0,1 - 25,5 °C
	ALd	Temperature alarm delay.	0 - 255 min
	dAO	Delay of temperature alarm at start-up.	0 - 23 h 50 min
	EdA	Alarm delay at the end of defrost.	0 - 255 min
	dot	Temperature alarm delay after closing the door.	0 - 255 min
	doA	Open door alarm delay.	0 - 255 min
PROBES	nPS	Not applicable.	0 - 15
	Ot	Thermostat probe calibration.	-12 - +12 °C
	OE	Evaporator probe calibration.	-12 - +12 °C
	O3	Display probe calibration.	-12 - +12 °C
	P2P	Evaporator probe presence.	n - y
	P3P	Display probe presence.	n - y
	HES	Temperature increase during the Energy Saving cycle.	-30 - +30 °C
INPUTS	odc	Compressor and fan status when open door.	no, Fan, CPR, F, C
	I2P	Configurable digital input polarity.	CL - OP
	I2F	Digital input operating mode.	
	did	Time Interval/delay for digital input alarm.	0 - 255 min
OTHERS	Adr	RS485 serial address when connected to a ModBUS network.	0 - 247
	PbC	Type of probe.	Pbc, ntc
	rEL	Release software.	Read only
	Ptb	Original code of Dixell parameter map	Read only
	Prd	Temperature value of evaporator probe "Pb2" and auxiliar probe "Pb3".	Pb1 - Pb3
Pr2	Access to the protected parameter list.	Read only	

ALARM SIGNALS

Message	Cause	Outputs
P1	Thermostat probe failure	Alarm output on. Safe mode operation according to "Con" and "COF" parameters.
P2	Evaporator probe failure	Alarm output on.
P3	Auxiliary probe failure	Alarm output on.
HA	Maximum temperatura alarm	Alarm output on.
LA	Minimum temperatura alarm	Alarm output on.
EE	Data or memory failure	Alarm output on.
dA	Door switch alarm	Alarm output on.
CSd	Condenser high temperature: - Blocked condenser - High ambient temp. > 45°C	Alarm output on.
EAL	External alarm	Alarm output on.
bAL	Serious external alarm	Alarm output on.
PAL	Pressure switch alarm: Low pressure: - Refrigerant storage, - Evaporator fan failure, - Filter or valve failure. High pressure: - Condenser fan failure, - High ambient temperautre, - Refrigerant excess or air in pipes.	Señal de alarma. Paro del equipo