

Electronic regulation

XW60VS



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.

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 temperature, - Refrigerant excess or air in pipes.	Señal de alarma. Paro del equipo

PARAMETER LIST

Label	Description	Range	LT		MT		HT		List
			Elec. D.	Air D.	Elec. D.	Air D.	Elec. D.	Air D.	
SET	Temperature set point	LS - US	-20 °C	5 °C	0 °C	12 °C	0° C		
Hy	Differential set point	0,1 to 25,5 °C	2	2	2	2	2	Pr1	
LS	Minimum set point limit	-50°C to SET	-25	0	-5	5	-5	Pr2	
US	Maximum set point limit	SET to + 110 °C	-15	10	10	18	R449A: 18 R134a: 5	Pr2	
Ods	Outputs activation delay at start up	0 - 255 min	0	0	0	0	0	Pr2	
AC	Anti-short cycle delay, interval between the compressor stop and the following restart.	0 - 30 min	2	2	2	2	2	Pr1	
Cct	Fast-freezing cycle time.	0 - 23 h 50 min	2.3	0.3	0.3	0.3	0.3	Pr2	
Con	Time during which the compressor is active in case of faulty thermostat probe.	0 - 255 min	15	15	15	15	15	Pr2	
COF	Time during which the compressor is off in case of faulty thermostat probe.	0 - 255 min	15	15	15	15	15	Pr2	
CF	Temperature measurement unit.	°C - °F	°C	°C	°C	°C	°C	Pr2	
rES	Temperature resolution, (in: integer, de:decimal point).	in - de	de	de	de	de	de	Pr1	
Lod	Probe displayed	P1 - Ir2	P1	P1	P1	P1	P1	Pr2	
tdF	Defrost type (compact: hot gas, split: electrical heater).	rE, rT, in	rE	rE	rE	rE	rE	Pr1	
EdF	Defrost mode (in:standard, Sd:SmartDefrost)	in, Sd	in	in	in	in	in	Pr2	
SdF	Set point for SmartDefrost	-30 - +30 °C	0	0	0	0	0	Pr2	
dtE	Defrost termination temperature.	-50 - 110 °C	8	8	8	15	8	Pr1	
IdF	Time between defrost cycles.	1 - 120 h	4	3	3	3	3	Pr1	
MdF	Maximum defrost time.	0 - 255 min	30	15	30	15	30	Pr1	
dFd	Displayed parameter during defrost cycle.	rt, it, Set, DEF, dEG	it	it	it	it	it	Pr2	
dAd	Delay of max room temperature display after defrost cycle.	0 - 250 min	15	15	15	15	15	Pr2	
dSd	Start defrost delay.	0 - 99 min	0	0	0	0	0	Pr2	
Fdt	Compressor on delay after defrost cycle (draining time).	0 - 60 min	3	0	2	0	2	Pr2	
dPO	First defrost after start-up.	n - y	n	n	n	n	n	Pr2	
dAF	Defrost delay after fast freezing.	0 - 23 h 50 min	2	2	2	2	2	Pr2	
FnC	Fan operation mode: with compressor (C) or all time (O), and during defrost (y-n).	C-n, C-y, O-n, O-y	C-n	C-y	C-n	C-y	C-n	Pr2	
Fnd	Fan delay after defrost.	0 - 255 min	4	0	3	0	3	Pr2	
FSt	Fan stop temperatura.	-50 - 110 °C	0	R449A: 10 R134a: 40	R449A: 10 R134a: 40	R449A: 20 R134a: 40	R449A: 20 R134a: 40	Pr2	
ALC	Temperature alarm configuration.	rE - Ab	rE	rE	rE	rE	rE	Pr2	
ALU	High temperature alarm setting.	-50 - 110 °C	5	5	5	5	5	Pr1	
ALL	Low temperature alarm setting.	-50 - 110 °C	5	5	5	5	5	Pr1	
AFH	Temperature alarm and fan differential.	0,1 - 25,5 °C	2	2	2	2	2	Pr2	
ALd	Temperature alarm delay.	0 - 255 min	0	0	0	0	0	Pr2	
dAO	Delay of temperature alarm at start-up.	0 - 23 h 50 min	4	3	3	3	3	Pr2	
EdA	Alarm delay at the end of defrost.	0 - 255 min	30	30	30	30	30	Pr2	
dot	Temperature alarm delay after closing the door.	0 - 255 min	30	30	30	30	30	Pr2	
doA	Open door alarm delay.	0 - 255 min	15	15	15	15	15	Pr2	
nPS	Not applicable.	0 - 15	0	0	0	0	0	Pr2	
Ot	Thermostat probe calibration.	-12 - +12 °C	0	0	0	0	0	Pr1	
OE	Evaporator probe calibration.	-12 - +12 °C	0	0	0	0	0	Pr2	
O3	Display probe calibration.	-12 - +12 °C	0	0	0	0	0	Pr2	
P2P	Evaporator probe presence.	n - y	y	y	y	y	y	Pr2	
P3P	Display probe presence.	n - y	n	n	n	n	n	Pr2	
HES	Temperature increase during the Energy Saving cycle.	-30 - +30 °C	2	2	2	2	2	Pr2	
odc	Compressor and fan status when open door.	no, Fan, CPr, F C	F-C	F-C	F-C	F-C	F-C	Pr2	
I2P	Configurable digital input polarity.	CL - OP	OP	OP	OP	OP	OP	Pr2	
I2F	Digital input operating mode.		DOR bAL*	DOR bAL*	DOR bAL*	DOR bAL*	DOR bAL*	Pr2	
did	Time Interval/delay for digital input alarm.	0 - 255 min	0	0	0	0	0	Pr2	
Adr	RS485 serial address when connected to a ModBUS network.	0 - 247	1	1	1	1	1	Pr1	
PbC	Type of probe.	Pbc, ntc	ntc	ntc	ntc	ntc	ntc	Pr2	
rEL	Release software.	Read only	2.2	2.2	2.2	2.2	2.2	Pr2	
Ptb	Original code of Dixell parameter map	Read only	125	125	125	125	125	Pr2	
Prd	Temperature value of evaporator probe "Pb2" and auxiliar probe "Pb3".	Pb1 - Pb3						Pr2	
Pr2	Access to the protected parameter list.	Read only						Pr2	

*Units with condensate pump