

ZX*E – CONDENSING UNITS

QUICK INSTALLATION GUIDE

1. Install the unit according to the application guide line.
2. Prefill the unit with refrigerant and set all valves into the operating position.
3. Set up the unit controller XMC25D for the required application.

The controller XMC25D provides 2 programming levels:

- **Pr1** with direct access
- **Pr2** protected with a password (intended for experts)

Explanation LED functionalities:

LED	MODE	FUNCTION
	ON	Compressor 1 enabled
	Flashing	Anti-short cycle delay enabled
	ON	Condensing Fans enabled
	ON	bar display
	Flashing	Programming mode
	ON	PSI display
	Flashing	Programming mode
	ON	You're browsing the service menu
	Flashing	In fast access menu
	Flashing	A new alarm happened
	ON	You're browsing the alarm menu
	ON	An alarm is occurring
	ON	Digital unloader solenoid on
	ON	In defrost
	ON	Evap Fans - Liquid Line Solenoid Valve On

How to program the parameters “Pr1”

ACCESS to Pr1		Press and hold for about 3 sec to have access to the first programming level (Pr1).
Select item	 or 	Select the parameter or submenu using the arrows.
Show value		Press SET button.
Modify	 or 	Use the arrows to modify the value.
Confirm and store		Press SET key: the value will blink for 3 sec, and then the display will show the next parameter.
EXIT		Instantaneous exit from the programming mode, otherwise wait for about an adjustable period of time (MTO) (without press any button).

When entering first time the programming level the display shows label **rtC** (real time clock).

- By pushing  you have access to parameters N01/02/03/04/05 to adjust time & date.
- By pushing  or  the label **rtC** will change to **PAR**, which is access to the programming level 1. Push  and the parameters of programming level 1 can be changed.

The following parameters “Pr1” must be verified before commissioning

Parameter	Description	Unit	Factory Setting	Comment
C01	Compressor cut in pressure set point	[bar]*	4.0	Not used for Digital ZXDE
C02	Compressor cut out pressure set point	[bar]*	2.0	Not used for Digital ZXDE
C07	refrigerant Selection for Regulation	[-]	R404A	R22, R407A, R407F, R507, N40, DR33, R134a, R407C
C16	Digital compressor setpoint	[bar]*	3.3	Not used for ZXM & ZXL
C17	Proportional band for compressor regulation	[bar]*	2.0	Not used for ZXM & ZXL
C21	Cycle time for digital compressor	[seconds]	10	Not used for ZXM & ZXL
C24	Minimum capacity for digital compressor	[%]	20	Not used for ZXM & ZXL
C25	Maximum capacity for digital compressor	[%]	100	Not used for ZXM & ZXL
E39	Condenser set point	[°C]	35.0	
E46	regulation band of variable fan	[°C]	10.0	
N01	Current Minute	[-]	[-]	
N02	Current hour	[-]	[-]	
N03	Day of Month	[-]	[-]	
N04	Month	[-]	[-]	
N05	Year	[-]	[-]	
T18	Access to Pr2 level	[-]	[-]	Password: 3 2 1

- *Pressures always considered as relative pressures

NOTE: This document is for quick installation purposes. For detailed instructions, please refer to the Application Guidelines.