

Xarios 500/600 Microprocessor and Configuration Technical Bulletin

Xarios Model	Microprocessor No.	S/EX Replacement Part No.	Myriad Part No.
500/600	12-00526-xx	12-00526-xx	MPN0514A
500/600	12-00716-xx	12-00716-xx	MPN0514B

The later micro 12-00716-xx now has two versions, standard and full option spec (Standard - blue sticker and full option - yellow sticker). The full option microprocessor is supplied as the exchange micro by Myriad for both the standard and full option applications. Configuration is necessary for the correct application and the differences between the standard and full option spec are:

1. Liquid injection valve is fitted.
2. Option for water heating (hot water pump and hot water valve) is fitted.
3. Suction bypass valve is fitted (only for Xarios 600)

Xarios Range – Configuration during Commissioning

Units concerned: Xarios 500/600 with pump down implementation.

Description: Units from Serial Number **PC723318** onwards: During commissioning the Function “Pd” on the cab command must be set to “PdOn”

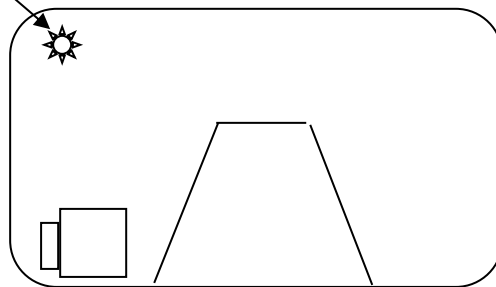
Setting “PdOn” in units with serial number below **PC723318** (evaporators without LV) will generate alarm code **A29**

If “PdOf” is selected on units with the LV on the liquid line inside the evaporator, the LV will not be energized, generating alarm code **A01**.

Cab Control Unit Configuration

Press “On” and then once on the configuration button at the back of the Cab Control:

Access: Configuration button
Located on rear of Cab Control



Changes are made to the configuration with the Set Key and the + and – keys. Changes are saved with the Off/On keys.



For each type of data configuration proceed as following:

Press the + or - key to switch from Config 1 or Config 2 (or Config 3 when applicable)

Press Off/On to save setting.

Press the SET key to go to the next configuration.



Important: If when adjusting settings, no key is activated for 5 seconds, the display reverts to box temperature display.

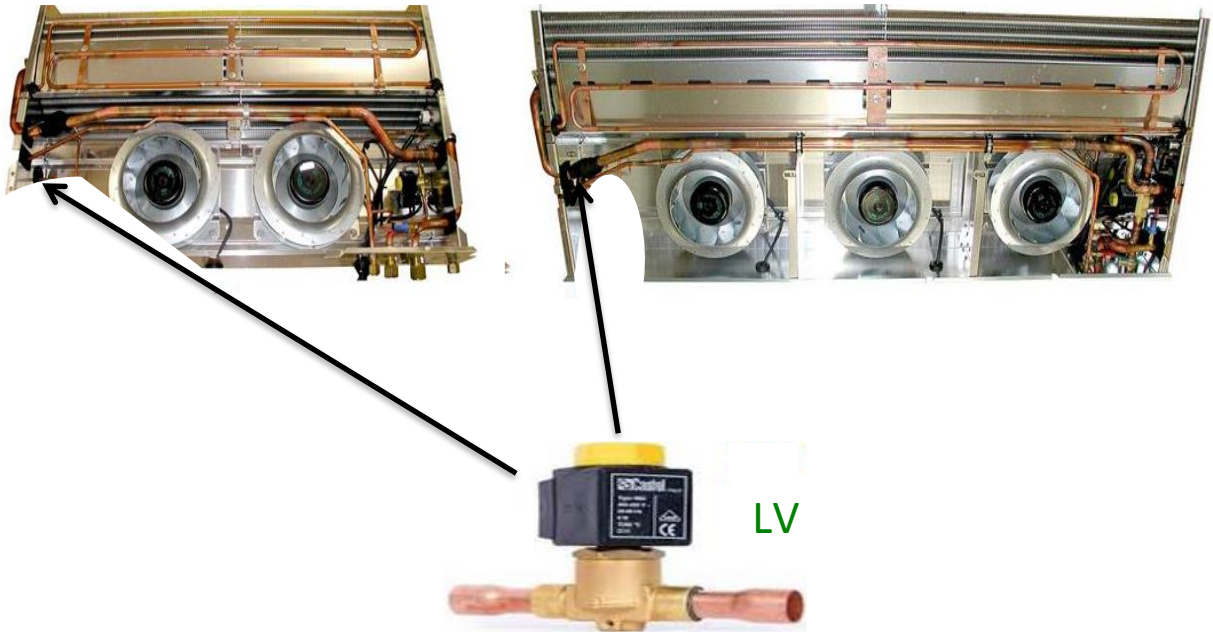
Configuration Table Xarios

Config	Configuration / Description Available		
Temperature Unit	Ut. °C Display	Ut. °F Display	
Unit Voltage	PS.12 Unit Voltage 12v	PS.24 Unit Voltage 24v	
Number of Evap Fans	FAn.1 1 fan	FAn.2 2 fans	FAn.3 3 fans
Fan Speed	SPd- 1st speed minimum	SPd= 2nd speed medium	SPd≡ 3rd speed maximum
2 or 3 ET MODE	2.Et cool null	3.Et cool, null, heat	
Optional Road Heating Kit	hr.Off option road heating kit not installed	hr.On option road heating kit installed	
Optional Standby Heating Kit	hs.Off option standby heating kit not installed	hs.On option standby heating kit installed	
Suction Bypass Valve (Xarios 600 only)	sb.Off SBPV is not active and is closed in all modes	sb.On SBPV is active	
Drain Resistor	dr.Off drain heater (option) not installed	dr.On Drain heater (option) installed	
Door Switch	d.Off door switch (option) not installed	d.On door switch (option) installed	
Hybrid Unit	eu.Off adjusting standby set point = road set point	eu.On set point locked at -35°C in standby mode	
Locked Set-Point (Option)	sp.Off set point not locked	sp.On activates "lock set-point function"	
Pump Down (Option)	pd.Off pump down option de-activated	pd.On pump down option activated	
If Pump Down option is activated, the following two configurations are available			
Compressor Shutdown Delay (negative box temperature)	t-.40 up to t-.10 adjustable on a 30 second range by 5 second increments with the + and - keys		
Compressor Shutdown Delay (positive box temperature)	t.120 up to t.10 adjustable on a 110 second range by 5 second increments with the + and - keys		



New Settings

MXL 1100 / 1500



For Xarios 500/600 Liquid Valve (LV) added in the evaporator as part of the new Pump Down Implementation