

XARIOS® 500/600 MICROPROCESSOR & CONFIGURATION

OPTIMIZED CONTROL | SEAMLESS CONFIGURATION | MORE FUNCTIONALITY

At Myriad, we ensure that every refrigeration system operates with **precision and efficiency**. The latest **Xarios 500/600 Microprocessor** upgrade enhances configuration flexibility while introducing new functionality for **liquid injection, heating, and bypass valves**.

MICROPROCESSOR COMPATIBILITY & REPLACEMENT

The Xarios 500/600 units feature two microprocessor versions:

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

Micro 12-00716-xx now comes in two versions:

- Standard Version (Blue Sticker)
- Full Option Version (Yellow Sticker)

Note: The full-option microprocessor is supplied for **both standard and full-option replacements**. **Configuration is required** to match system specifications.

KEY FEATURE DIFFERENCES – STANDARD VS. FULL OPTION

- Liquid Injection Valve installed
- Water Heating Option (hot water pump & valve)
- Suction Bypass Valve (Xarios 600 only)



CONFIGURATION FOR XARIOS 500/600 DURING COMMISSIONING

- Applies to units from Serial Number PC723318 onward
- Ensure the 'Pd' function is set to 'PdOn' on the cab command

! Important Notes:

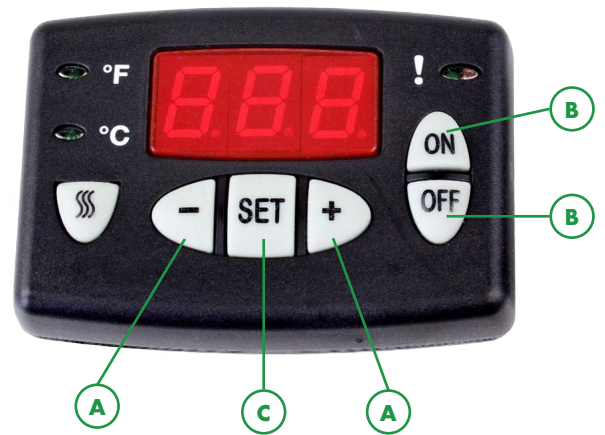
- Older units (before PC723318) without an LV (Liquid Valve) will trigger **Alarm A29** if set to "PdOn."
- Newer units with an LV will not activate the valve if set to "PdOf," triggering **Alarm A01**.

CAB CONTROL UNIT CONFIGURATION

To enter configuration mode, follow these steps:

1. Press "On"
2. Press the **Configuration Button** (located on the back of the Cab Control Unit)
3. Use the **Set Key** and + / - buttons to navigate settings
4. Press **Off/On** to save changes

Using a paperclip, access the Configuration button on the back of the Cab Control.



For each type of data configuration proceed as follows:

- A. Press the **+** or **-** buttons to switch from Config 1 or Config 2 (or Config 3 when applicable)
- B. Press Off/On to **save** setting
- C. Press the **Set Key** to go to the next configuration

! If no key is pressed for **5 seconds**, the display will revert to **box temperature mode**.



CONFIGURATION OPTIONS – XARIOS 500/600

The following settings can be adjusted during installation:

Configuration	Option			Description
Temperature Unit	Ut.°C Display	Ut.°F Display		Select temperature display unit
Voltage Selection	PS.12 Unit Voltage 12v	PS.24 Unit Voltage 24v		Set system voltage
Evaporator Fans	Fan.1 1 fan	Fan.2 2 fans	Fan.3 3 fans	Adjust fan count
Fan Speed	SPd- 1st speed minimum	SPd= 2nd speed medium	SPd≡ 3rd speed maximum	Set airflow speed
Evaporator Temperature (ET) Mode	ET Mode 2 cool, null	ET Mode 3 cool, null, heat		If the unit only needs cooling, select 2.Et. If the unit has both cooling and heating capabilities, select 3.Et.
Road Heating Kit (Optional)	hr.Off option road heating kit not installed	hr.On option road heating kit installed		Enables road heating
Standby Heating Kit (Optional)	hs.Off option standby heating kit not installed	hs.On option standby heating kit installed		Enables standby heating
Suction Bypass Valve (Xarios 600 Only)	sb.Off SBPV is not active and is closed in all modes	sb.On SBPV is active		Activates bypass valve
Drain Resistor	dr.Off Drain heater (option) not installed	dr.On Drain heater (option) installed		Enables drain heater
Door Switch	d.Off door switch (option) not installed	d.On door switch (option) installed		Enables door sensor
Hybrid Unit Mode	eu.Off adjusting standby set point = road set point	eu.On set point locked at -35°C in standby mode		Locks standby temp at -35°C
Set-Point Lock (Optional)	sp.Off set-point not locked	sp.On activates "lock set-point function"		Prevents temp adjustments
Pump Down (Optional)	pd.Off pump down option deactivated	pd.On pump down option activated		Activates pump down function

NEW SETTINGS: If Pump Down option is activated, the following two configurations are available

Compressor Shutdown Delay (Negative Temp)	t-.40 up to t-.10 adjustable on a 30 second range by 5 second increments with the + and - keys
Compressor Shutdown Delay (Positive Temp)	t.120 up to t.10 adjustable on a 110 second range by 5 second increments with the + and - keys



NEW PUMP DOWN IMPLEMENTATION: MXL 1100 / 1500

A **Liquid Valve (LV)** has been added to the evaporator as part of the Pump Down feature. Ensure correct configuration settings to prevent alarms and maintain optimal operation.

For technical support or replacement parts, contact Myriad today!

