

MULTI-CONTROL PROGRAMMING AND WIRING Fourth to Fifth Generation Hydrovar®

1. Please perform Programming First.
2. Power down Hydrovars and complete wiring.

PROGRAMMING

FOURTH GENERATION:

Verify **Cascade Serial** is selected in Menu 105:

0105	0105 MODE Controller	Select the operating mode
Possible settings: Controller, Cascade Relay, <u>Cascade Serial</u> , Cascade Synchron, Actuator		

Verify Pump Address in Menu 106

0106	0106 PUMP ADDR. * 1 *	Select desired address for the Master Inverter
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FIFTH GENERATION:

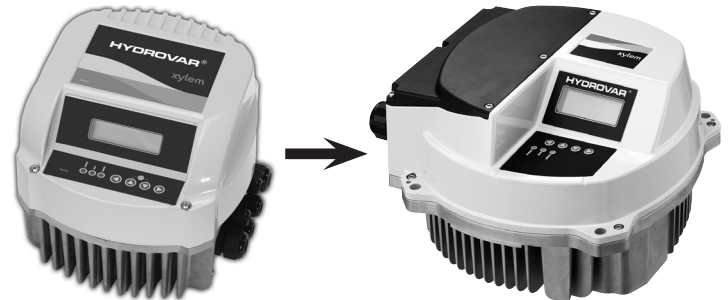
Verify **Cascade Serial** is selected in Menu P105

P105 MODE	
	CASCADE SERIAL
Actual Value	Output Freq.
PREV	EDIT/READ
EDIT/READ	EDIT/READ
EDIT/READ	NEXT

MODE	Operable Unit(s)
Controller (Default)	1 Hydrovar
Cascade Relay	1 Hydrovar and Premium Card
<u>Cascade Serial</u>	More than one pump
Cascade Synchron	All pumps operate on the same frequency
Actuator	1 Hydrovar

Verify Pump Address in Menu P106. Each Hydrovar Requires an Individual Address.

P106 PUMP ADDR	
	2
Actual Value	Output Freq.
PREV	EDIT/READ
EDIT/READ	EDIT/READ
EDIT/READ	NEXT



Change Menu P135 Backward Compatible to **Yes**

P135	BACK. COMPATIBLE		
	YES		
Actual Value	Output Freq.		
PREV	EDIT/READ	EDIT/READ	NEXT

This parameter activates the Backward Compatibility. When changing to Yes, it forces the Hydrovars to Communicate with the Previous Generation.

WIRING

Power down Hydrovars and follow these wiring instructions:

- Terminal #4 (X4) to #11 (X1)
- Terminal #5 (X4) to #12 (X1)
- Terminal #6 (X4) to #13 (X1)

Terminal X-4
Fourth Generation

Terminal X-1
Fifth Generation

