



E-Power

CONTROL SYSTEM WITH VARIABLE SPEED

motralec

4 rue Lavoisier . ZA Lavoisier . 95223 HERBLAY CEDEX
Tel. : 01.39.97.65.10 / Fax. : 01.39.97.68.48
Demande de prix / e-mail : service-commercial@motralec.com

Demande de prix / e-mail : service-commercial@mo

www.motralec.com

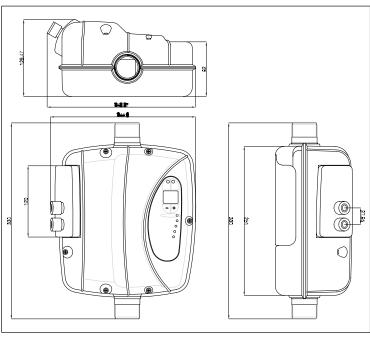
Water-through VFD (Variable Frequency Drive) for residential applications (in line type, cooled by water). It controls the start&stop of the electric pump, adjusts the motor speed according to the actual water demand and keeps the desired pressure constant. It assures high energy saving and important advantages in terms of comfort, performance and durability of the system.

GENERAL CHARACTERISTICS

- Installation directly on metal pipe with no valve:
 - excellent cooling
 - no losses
- Master/slave configuration for 2 pumps booster sets
- Very few parameters to be set before operation (desired pressure and nominal motor current)
- ON/OFF input for a float switch or remote control
- Output relay for a warning signal or to pilot a second pump at fixed rate
- Clear and simple interface and display
- Soft-start / soft-stop (reduced water hammering)
- Several protections with settable automatic reset

METAL PIPE WITH NO VALVE

DIMENSIONS



TECHNICAL DATA

On pipe	
Any	
1" ¼ male	
1~230V	
3~230V	
max 10 A	
2,2 kW	
5-60Hz	
2 digit alphanumerical	
IP65	
5 – 40 °C	
0,3 – 8 bar	
12 bar	
EN60730	
EN61000 (other standards on CE declaration)	
Dry-running	
Over/under voltage	
Short-circuit	
Overload Overtemperature Low pressure	
	Pressure sensor fault
	Up to 2 pumps
2 kg	