

## Aqua-4D<sup>®</sup>

### Command 60E Pro v2

- Can control from 1 to 4 Tubes 60F
- Flow rate from 0 to 240 L/min (14.4 m<sup>3</sup>/h)
- Alarm output on a relay
- Synchronisation of EM signals between several electronic devices (up to 32)

### Technical Data

Mechanical construction	
Dimensions without support feet	L x W x H : 200 x 130 x 90 mm
Dimensions including support feet	L x W x H : 226 x 130 x 95 mm
Weight	1.4 kg
Control unit material	Polycarbonate
Front material	Polycarbonate
Tube connector	Binder Series 423, 4 poles, female
Relay connector	Binder Series 423, 3 poles, male
Synchronisation connector	Binder Series 423, 4 poles, male
Programming connector	Binder Series 720, 8 poles, female
Power supply	
Voltage	200 ... 240 V AC, 47 ... 63 Hz
Power consumption	Max. 40 W
Alarm output	
Contacts without potential	
Max. permitted current	3 A
Max. permitted voltage	230 V AC
Synchronisation output	
Serial RS485	
Ambient conditions	
Index of protection	IP 53
Ambient temperature	0 ... 40 [°C]
Storage temperature	-25 ... 65 [°C]
Electromagnetic compatibility	Emissivity and immunity in accordance with IEC 61000-6-1 and IEC 61000-6-3
Protection from overvoltage	In accordance with IEC 61000-4-5
Relative humidity	0 ... 95 %, without condensation

### Efficiency and reliability

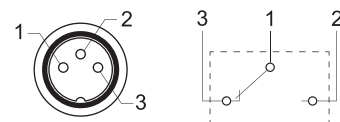
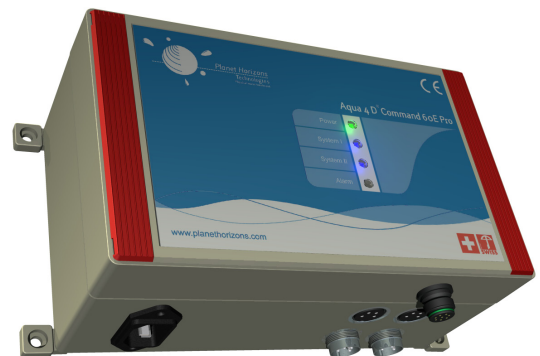
Aqua-4D<sup>®</sup> water treatment systems have been proving their efficiency for more than 10 years. The latest generation improves the reliability of the systems and the efficiency of the treatment.

### Modular

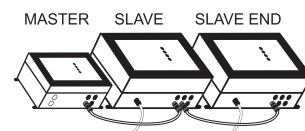
Thanks to the modular concept, Aqua-4D<sup>®</sup> systems adapt themselves to all type of installations as well as all flow rates.

### Eco-friendly

Aqua-4D<sup>®</sup> Serie E is a patented technology of electromagnetic water treatment. The treatment is ecological as it does not use any chemical product and does not change the chemical composition of the water.

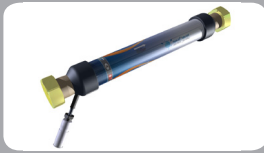


Alarm output on a relay



Synchronisation of signals

## Associated modules and accessories



### Tube 60F

Tube for Command 60E Pro. Assembled directly onto the pipes, the Tube 60F is used to transmit electromagnetic signals into the water using 2 solenoids.

Art. n° 82020



### Y connection 60E/F

To connect 2 Tubes to an output of the Command 60E Pro.

When the maximum flow rate of the installation is between 120 and 180 L/min (7.2 and 10.8 m<sup>3</sup>/h), one Y is needed to connect the third Tube 60F.

When the maximum flow rate of the installation is between 180 and 240 L/min (10.8 and 14.4 m<sup>3</sup>/h), two Y are needed to connect the third and fourth Tube 60F.

Art. n° 83010



### Synchronisation cable

Cable needed for the synchronisation of several Command 60E Pro and/or Command 360E Pro to one another.

- Length > 7 m made to measure (max. 200 m)

Art. n° 83400 Length 7m



### Assembly kit for a DIN rail 60E

Fixation items for DIN strips.

Allows the Command 60E Pro to be easily fixed to a DIN rail.

Art. n° 83500



### Extensions for Tubes 60E/F

When the Command 60E Pro is placed at over a metre from the Tubes 60F, an extension is required.

Art. n° 83200 Length 5 m  
 Art. n° 83201 Length 10 m  
 Art. n° 83202 Length 15 m  
 Art. n° 83203 Length 30 m  
 Art. n° 83204 Length 50 m

### Adapter box 60E/F 30-50m

When a 30 or 50 m extension is used, the Command 60E Pro has to be reprogrammed.

In such a case, an especially made adapter box must be used between the Command and the Tube(s) which don't use a 30 or 50 m extension.

Art. n° 83209

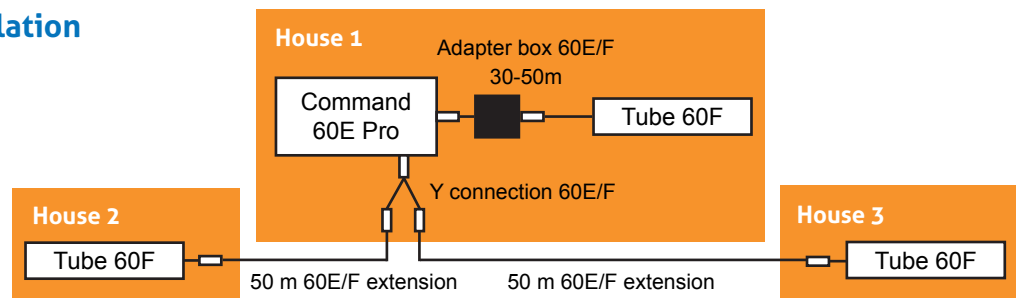
## Standard Packages

Packages	Max. L/min	Max. m <sup>3</sup> /h	Command	Tube	Y
Aqua-4D® 60E Pro	60	3.6	1 x Command 60E Pro	1 x Tube 60F	
Aqua-4D® 120E Pro	120	7.2	1 x Command 60E Pro	2 x Tube 60F	
Aqua-4D® 180E Pro	180	10.8	1 x Command 60E Pro	3 x Tube 60F	1 x Y 60E/F
Aqua-4D® 240E Pro	240	14.4	1 x Command 60E Pro	4 x Tube 60F	2 x Y 60E/F

## Example of an installation

Chicken Production - 3 Houses

- 1 x Command 60E Pro
- 3 x Tube 60F
- 1 x Y connection 60E/F
- 2 x 60E/F extension, 50 m
- 1 x Adapter box 60E/F, 30-50m



### Notes

### Contact