

## 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

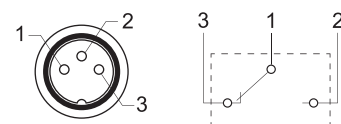
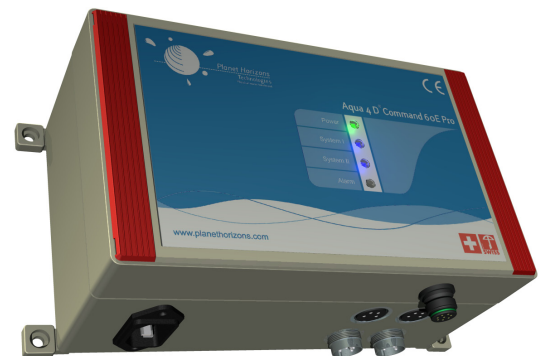
Aqua-4D<sup>®</sup> water treatment systems have been proving their efficiency for more than 10 years. The latest generation improves the reliability of the systems and the efficiency of the treatment.

### Modular

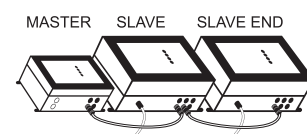
Thanks to the modular concept, Aqua-4D<sup>®</sup> systems adapt themselves to all type of installations as well as all flow rates.

### 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.

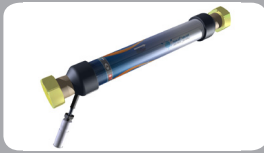


Alarm output on a relay



Synchronisation of signals

## Associated modules and accessories



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

### Tube 60F

Art. n° 82020



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.

### Y connection 60E/F

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



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

### Synchronisation cable

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

Art. n° 83400 Length 7m



Fixation items for DIN strips.

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

### Assembly kit for a DIN rail 60E

Art. n° 83500



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

### Extensions for Tubes 60E/F

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

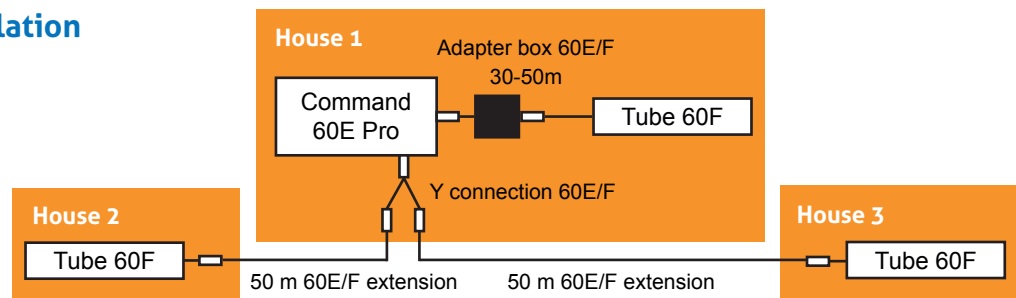
## Standard Packages

| 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