



Efficiency and reliability

Aqua-4D® water treatment systems have been proving their efficiency for more than 10 years. The 5th generation (Aqua-4D® Serie E) improves the reliability of the systems and the efficiency of the treatment.

Modular

Thanks to the modular concept, Aqua-4D® systems adapt themselves to all type of installations. Treatment of big flows is not an issue anymore.

Respecting environment

Aqua-4D® Série 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.

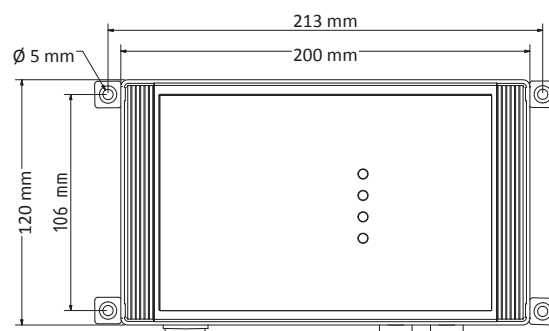
Mechanical construction	
Dimensions without support feet	L x w x d : 200 x 130 x 90 mm
Dimensions including support feet	L x w x d : 226 x 130 x 95 mm
Weight	1.3 kg
Control unit material	ABS PC
Front material	polycarbonate
Tube connectors	Binder Series 423, 4 poles, female

Power supply	
Voltage	200 ... 240 V AC, 47 ... 63 Hz
Power consumption	max. 50 VA

Tube power supply	
Courant max	2 A
Tension max	20 V RMS

Ambient conditions	
Protection	IP 40
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

- Removes and prevents limestone, anticorrosive
- Without maintenance
- Can control from 1 to 4 Tubes 60E
- Flow rate from 0 to 240l/min (14.4 m3/h)



Associated modules and accessories

Tube 60E

Art. n° 82010



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

Y connections Serie 60E

Art. n° 83010



The Y connection is used to connect 2 Tubes to an output of the Command 60E or Command 60E Pro.
When the maximum flow rate of the installation is between 120 and 180 l/min (7.2 and 10.8 m³/h), one Y connection is needed to connect the third Tube 60E.
When the maximum flow rate of the installation is between 180 and 240 l/min (10.8 and 14.4 m³/h), two Y connections are needed to connect the third and fourth Tube 60E..

Assembly kit for a DIN rail

Art. n° 83500



Fixation items for DIN rail.
Allows the Command 60E or Command 60E Pro to be easily fixed to a DIN rail.







Extensions for Tubes 60E

Art. n° 83200 (5m length)
Art. n° 83201 (10m length)
Art. n° 83202 (15m length)



When the Command 60E or Command 60E Pro are placed at over a meter from the Tubes 60E, an extension is needed.

Applications

	Command 60E	Command 60E Pro	Command 360E Pro
Villas 	YES ✓	YES ✓	YES ✓
Buildings 	YES* ✓	YES* ✓	YES ✓
Irrigation 	YES* ✓	YES* ✓	YES ✓
Industry 	NO ✗	YES* ✓	YES ✓
Animals and biofilm 	NO ✗	YES ✓	YES ✓
Public water supply 	NO ✗	NO ✗	YES ✓

* Only for small flow rates

Standard packages

Flow rates up to	Package	Description	Dimensioning
60 L/min or 3,6 m ³ /h	Aqua-4D® 60E	1 Command 60E + 1 Tube 60E	max. 3 appartements *
120 L/min or 7,2 m ³ /h	Aqua-4D® 120E	1 Command 60E + 2 Tubes 60E	max. 7 appartements *
180 L/min or 10,8 m ³ /h	Aqua-4D® 180E	1 Command 60E + 3 Tubes 60E + 1 Y60E	max. 15 appartements *
240 L/min or 14,4 m ³ /h	Aqua-4D® 240E	1 Command 60E + 4 Tubes 60E + 2 Y60E	max. 25 appartements *

* As indication

* 1 additional Tube 60E if hot water circulation circuit

Exemple of installation

... for a 15 appartemnts building with hot water circulation circuit

- 1x Command 60E
- 4x Tube 60E
- 2x Y connection
- 1x 10m extension

