

## H-A PRO 200-400

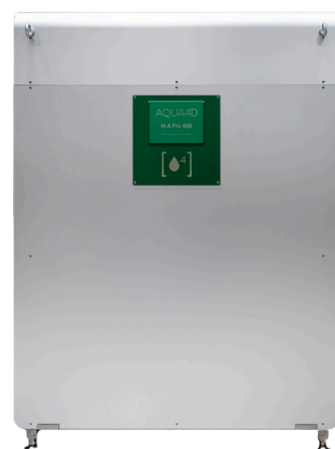
The **H-A Pro 200-400** Series brings water efficiency to micro irrigation and extends the life of your irrigation network. This water treatment system is manufactured and pre-assembled as a stand-alone unit.

### Plug & Play

The system is delivered ready for rapid installation at the customer's site, easily connecting to existing irrigation configurations. This ready-to-use system allows AQUA4D to have total quality control: it is built in our facilities in Switzerland, with extensive testing performed before shipping to ensure the product is ready to arrive. The customer simply needs to connect the H-A Pro to their irrigation network and plug it into the electricity grid.

### Easy to move

If the irrigation process stops during the winter and the system needs to be stored, the H-A Pro is easy to move to another location where it will not suffer from the cold.



### Various configurations

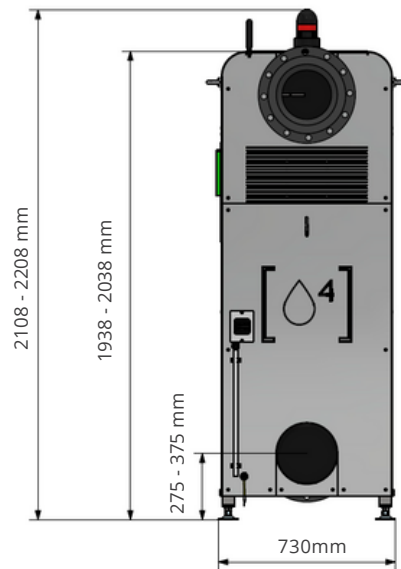
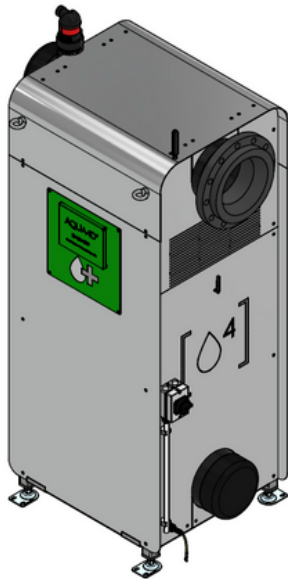
Depending on the required flow rate, the system is available in different configurations ranging from 360 to 720 m<sup>3</sup>/h.

### Minimum energy consumption

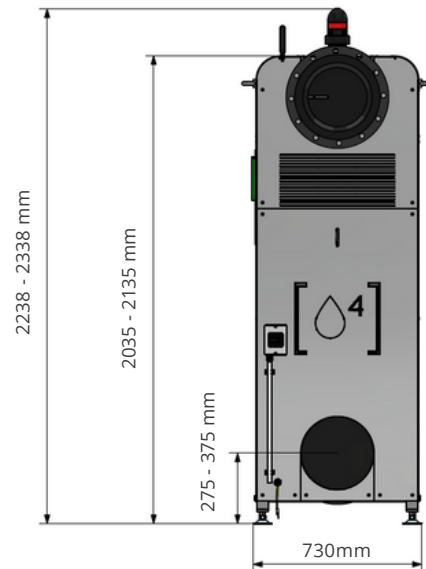
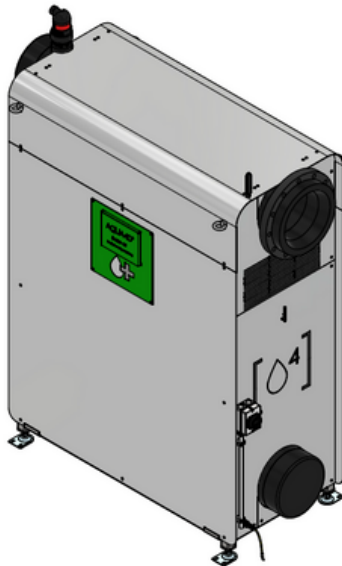
AQUA4D systems require only a small amount of energy to operate and can also be connected to an off-grid solar system if no grid connection is available.



## H-A Pro 200

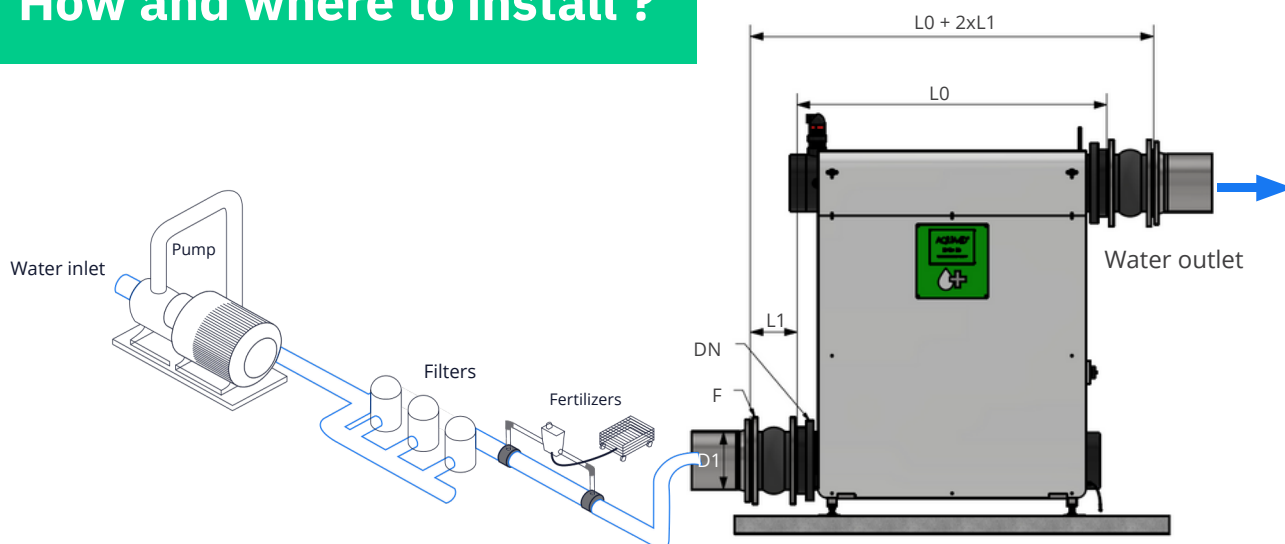


## H-A Pro 300 and H-A Pro 400



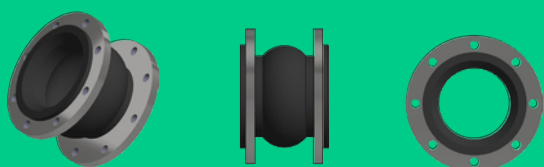
TECHNICAL DATA	H-A Pro 200	H-A Pro 300	H-A Pro 400
Maximum flow rate [m3/h]	360	540	720
Maximum flow rate [gpm]	1320	1980	2640
Maximum flow rate [US gpm]	1585	2378	3170
Dimension LxWxH [mm/inch]	1113 x 730 x 2108 (43.8 x 28.7 x 83)	1773 x 730 x 2238 (69.8 x 28.7 x 88.1)	
Power supply	100 - 240 VAC / 50 - 60 Hz		
Power consumption [W]	60	80	100
Maximum water temperature	60°C @ 4 bars (140°F @ 58 psi)		
Maximum water pressure	10 bars @ 20°C (145 psi @ 68°F)		
Maximum pressure drop	0.2 bar (2.9 PSI)		
Ambient temperature	3°C... 45°C (37°... 113°F)		
Storage temperature	0°C... 60°C (32° ... 140°F)		
Weight (empty)	255 kg / (562 lbs)	415kg (915 lbs )	441 kg / (972 lbs)
Hydraulic connection	DIN DN 250	DIN DN 300	DIN DN 300

# How and where to install ?



H-A Pro systems are supplied with **flexible rubber expansion** joints adapted to the dimensions of the pipes at the installation site. The options are as follows:

## Rubber expansion joints



## Reduction of rubber expansion joints



## Connection H-A Pro 200 (DN250) to:

Ø D1 (Pipe)	Type	F (flange standard)	L0 [mm / "]	L1 [mm / "]	Weight [kg/lbs]
DN250	Standard	DIN PN16	1070 (42.1")	230 (9.06")	20.5 kg / 45 lbs
DN300	Reduced	DIN PN16	1070 (42.1")	220 (8.68")	22.5 kg / 49.5 lbs
10"	Standard	ANSI LB 150	1070 (42.1")	230 (9.06")	24.5 kg / 54 lbs
12"	Reduced	ANSI LB 150	1070 (42.1")	220 (8.68")	33 kg / 73 lbs

## Connection H-A Pro 300-400 (DN300) to:

Ø D1 (Pipe)	Type	F (flange standard)	L0 [mm / "]	L1 [mm / "]	Weight [kg/lbs]
DN300	Standard	DIN PN16	1730 (68.1")	245 (9.65")	25 kg / 55 lbs
DN350	Reduced	DIN PN16	1730 (68.1")	240 (9.45")	27.4 kg / 60.5 lbs
12"	Standard	ANSI LB 150	1730 (68.1")	245 (9.65")	34.5 kg / 76 lbs
14"	Reduced	ANSI LB 150	1730 (68.1")	240 (9.45")	40 kg / 88 lbs

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