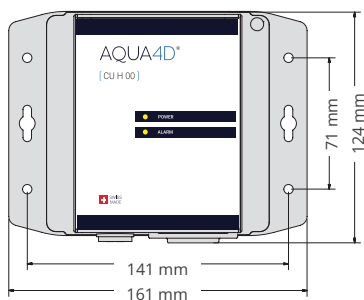


SYSTEM H-B 00

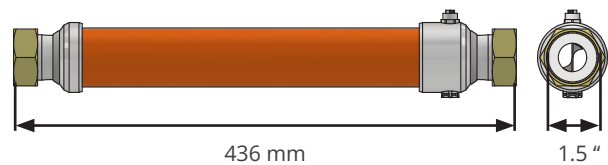
The AQUA4D® H-B 00 system consists of a **Control Unit H 00** and a **Treatment Unit H-B 60**.

Control unit **CU H 00**



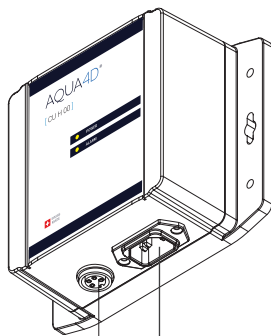
The Control Unit CU H 00 transmits the signals to the Treatment Unit TU H-B 60 and continuously monitors the system's precise operation.

Treatment Unit **TU H-B 60**



The Treatment Unit TU H-B 60 transmits the signals generated by the Control Unit H 00 into the water. This model can handle water flows of up to 3.6 m³/hr (15.8 US gpm).

Connectivity



Connecting to TU H-B 60
Power Supply
100-240 V~, 47- 63 Hz

Installation instructions

- The positioning of TUs in the water system must comply with current regulations. Consult applicable standards or a plumbing specialist.
- Install the TU so that the arrow points in the direction of the water flow.
- The TU can be installed horizontally or vertically
- Use only the gaskets supplied for sealing.

Attention!

AQUA4D® TUs must not be subjected to excessive mechanical stress (traction or torque) during installation.

Configuration

System	CU H-00 quantity	TU H-B 60 quantity	Article n°	Water flow (m ³ /h)	Water flow (L/m)	Water flow (gpm)	Water flow (US gpm)	Weight (kg)
AQUA4D® H-B 00	1	1	9000012	3.6	60	13.2	15.8	3

Technical data

Control unit CU H 00

Mechanical construction	
Dimensions	161 x 126 x 62 mm
Weight	0.5 kg
Housing material	Polycarbonate
TU 60 Connector	Amphenol M12-X series 8-pole, female
Protection class	IP 43

Power supply	
Supply voltage	100 ... 240 V~, 47 ... 63 Hz
Power consumption	max. 9 W

Ambient conditions	
Ambient temperature	0 ... 40 °C (32 ... 104 °F)
Storage temperature	0 ... 60 °C (32 ... 140 °F)
Electromagnetic compatibility	Emissivity and immunity in compliance with IEC standards 61000-6-1 et IEC 61000-6-3
Overvoltage protection	In compliance with IEC 61000-4-5
Relative humidity	0 ... 95 %, sans condensation

Cables

CU - TU connection cable supplied, length 2 metres

5, 10 or 20 metres cables available on request

Treatment Unit TU H-B 60

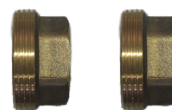
Mechanical construction	
Length (without gaskets)	436 mm
Max. diameter	81 mm
Fitting	Mobile nut with 1.5" female thread
Adapters	Brass 1.5" to 1" female screw-on
Passage diameter	1" (DN 25)
Weight	1.8 kg
Connection cable length	200 cm
Connector	Amphenol M12-X series 8-pole, female
Maximum water flow	60 L/min (3.6 m ³ /h, 1 l/s), 13.2 gpm, 15.8 US gpm
Nominal pressure	PN16
Material	PVC-C, drinking water approved

Ambient conditions	
Protection class	IP 65
Ambient temperature	0 ... 50 °C (32... 120 °F)
Storage temperature	0 ... 60 °C (32... 140 °F)
Installation temperature	10 ... 50 °C (50 ... 122 °F)

Water temperature	Pression maximale
20°C	16 bar, 232 psi
60°C	7.5 bar, 101 psi
80°C	4 bar, 58 psi

Adapters, supplied

2x 1.5" to 1" female coupling



AQUA4D®

- by Planet Horizons Technologies SA -

Planet Horizons Technologies SA

Ecoparc de Daval A9
3960 Sierre
Switzerland
T +41 27 480 30 35
info@aqua4d.com
www.aqua4d.com

