

Aqua4D Skid

8 to 32 Treatment Units - TU360

A skid is a process unit which is manufactured off-site as a self-contained system. Pre-assembled at the headquarters in Switzerland, before being delivered in its entirety to the customer.

Ready-made system

Normal installation of the Aqua4D system generally takes place on the customer's site, with the system delivered flat-pack style for self-assembly. This ready-made system gives Aqua4D full quality control, it's built in controlled conditions at the headquarters, and FAT (Factory Acceptance Testing) is completed before shipping, thus vastly reducing on-site installation time at the destination.

The customer has only to connect the Skid to the irrigation network and to plug it to the electrical main.



Easy to move

In some countries, during the winter, the irrigation process stops and the system must be stored. Using a Skid makes very easy to move the Aqua4D system to a safe location where it does not suffer from cold temperatures.

Monitored and protected installation

All skids are equipped with a Remote Alarm Controller (RAC). The RAC will monitor the Command F-Pro modules and check that everything is working correctly. A text message will be sent if a problem occurs in the system. A power line filter is also integrated, insuring a steady power source and protection against surges on the power network*.

Various configuration

Depending on the needed flow rate, the system is available in 6 different configurations going from 172 to 604 m³/h. The skid is designed for both outdoor and indoor operation.

Low power consumption

The system requires only a small amount of power to run and can also be connected to an off-grid solar installation if there is no power network available on site.

*An UPS (uninterruptible power supply) is optional

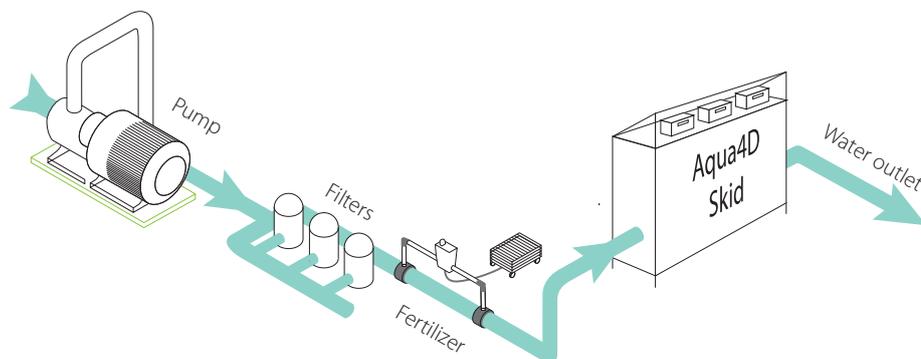
Configurations

Treatment units [TU360]	8	12	16	20	24	28	32
Max flow rate [m3/h]	172	259	345	432	518	604	691
Max flow rate [gpm]	633	950	1267	1584	1900	2217	2534
Max flow rate [US gpm]	758	1137	1516	1896	2275	2654	3043

Specifications

Chassis	Skid 8	Skid 12	Skid 16	Skid 20	Skid 24	Skid 28	Skid 32
Treatment Units [TU360]	8	12	16	20	24	28	32
Power Supply	100 - 240 VAC / 50 - 60 Hz						
Max power [W]	55	80	105	130	155	180	205
Max water temperature	60°C (140 °F) @ 4 bars (58 psi)						
Max water pressure	16 bars (232 psi) @ 20°C (68°F)						
Max air temperature	45°C (113°F)						
Weight, empty [kg/lbs]	350 / 772	440 / 970	500 / 1102	625 / 1377	720 / 1587	805 / 1774	840 / 1852
Dimensions LxWxH [mm]	1939 x 800 x 2038	1858 x 900 x 2005	2208 x 1000 x 2006	2680 x 1000 x 2105	3000 x 1000 x 2105	3335 x 1000 x 2100	3655 x 1000 x 2100
Dimensions LxWxH [in]	76.3 x 31.5 x 80.2	73.1 x 35.4 x 78.9	87 x 39.4 x 79	105.6 x 39.4 x 82.9	118.1 x 39.3 x 82.9	131.2 x 39.3 x 82.6	143.9 x 39.3 x 82.6
Hydraulic connexion*	ISO DN 150	ISO DN 200	ISO DN 200	ISO DN 200	ISO DN 200	ISO DN 200	ISO DN 250
Remote Alarm Controller	Yes						
Power line filter	Yes						

*ASME optional



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