

Compact storage tank and pressurisation unit (with air gap)

Aquabox is ESPA's advanced solution for buildings with low pressure or volumes of flow. It is a competitive, efficient alternative to traditional pressurisation units, eliminating the typical fluctuations in flow, complex mechanical designs and their excessive electrical consumption.

Aquabox is a compact, well proportioned pressurising unit, with an integrated design and maximum energy efficiency.

It comprises two basic elements: a latest-generation automatic ESPA pump and a storage tank. The result of the advanced engineering of these two components combined is an innovative unit offering high levels of convenience in water use, guaranteeing not only its permanent availability (even when the water supply is cut off), but also strong, regular, constant pressure. The 200 ltr tank can be used as a backup system in the event of restrictions on the use of water from the mains. In line with regulation EN 1717, the outer casing incorporates a safety partition to safeguard against the pollution of drinking water.

Applications

Aquabox is multi-purpose and can be used on sites with water supply problems.

Rural areas: second homes, village dwellings, rural tourism, etc.

Urban areas: housing developments, houses, commercial premises, restaurants, etc.



With Fixed Speed Pump

The most competitive, versatile and efficient alternative for all types of buildings.



Model: Aquabox 350 Acuapres

Automatic pressurisation system incorporating the submersible Acuapres pump with built-in pressure control.

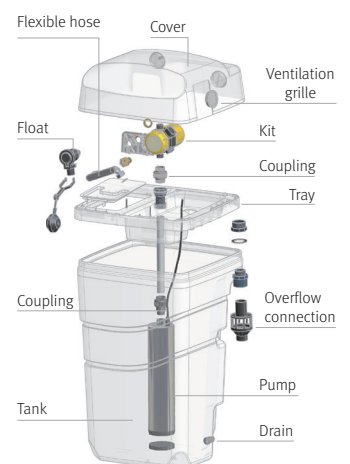
With Variable Speed Pump

An advanced technology option: maximum pressure control convenience, low noise levels and considerable saving in electrical consumption.



Model: Aquabox 350 Acuaplus N

Incorporating the reliable advanced electronic Espa speed driver, which enables the submersible pump to operate at variable speeds while automatically regulating itself to maintain constant pressure according to needs. Besides saving energy, this technological innovation makes minimal noise and provides remarkable regularity in the water supply flow.



Pump model

Description	Pump model	Code
Aquabox 350 Acuapres 4 230 50	Acuapres07 4M N	170118

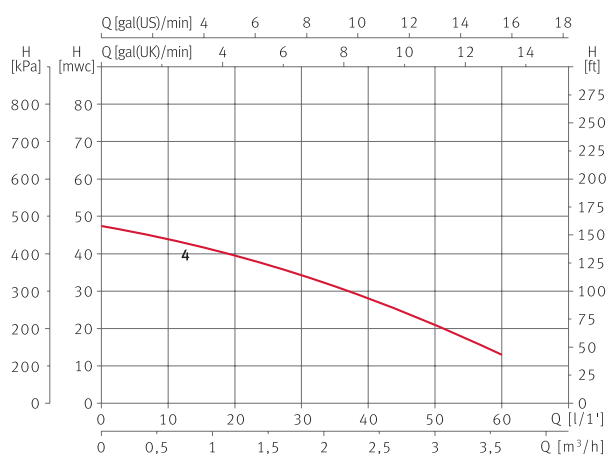
Description	Pump model	Code
Aquabox 350 Acuapuls 230 50	Acuapuls N	170123

(You must fit a pressure vessel on the discharge pipework for every Aquabox)
(Minimum size is 24 ltrs)

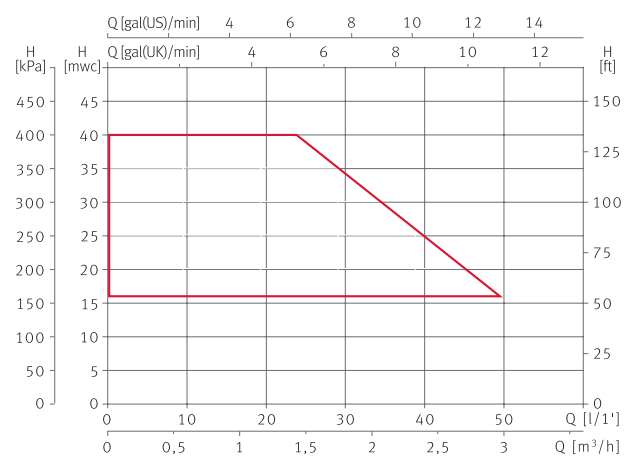
All overflow outlet has been built into the tank to safeguard against the possible contamination of drinking water in the public network, in the case of back flow, in compliance with European standard EN 1717.

Performance curves at 2900 rpm

Acuapres07 4



Acuapuls N



Pump options for the Aquabox unit / Dimensions

	Acuapuls N	Acuapres07 4
Submersible	X	X
Surface		
Constant pressure-variable speed	X	
Automatic control	X	X
Dry operation protection	X	X
Inlet float	X	X
Overflow duct in accordance with regulation EN1717	X	X
Water supply/outlet connection	3/4"	3/4"
Overflow connection	DN 50	DN 50
Width A [mm]	600	600
Depth B [mm]	600	600
Height C [mm]	1150	1150
Empty tank weight [Kg]	25.5	25.5
Useful tank capacity	200	200
Working pressure [bar]	3	2.5
Flow at working pressure [l/min]	40	30/45
Installed capacity at P1 [kW]	0.95	0.6/0.95
Drain connection	1/2"	1/2"

