
COLD WATER PRESSURE BOOSTER SETS

FOR INCREASING THE PRESSURE IN WHOLESOME DRINKING WATER



E.SYLINE DOMESTIC BOOSTER SET SERIES

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E.SYLINE DOMESTIC BOOSTER SET SERIES

E.Syline, a complete line of electronic booster pump solutions that redefines the rules of residential water pressurization. With three models, e.sybox are a series of fully integrated pump systems and accessories. Designed to create a modular and flexible solution that meets a wide range of applications: from a small residence to a large complex of apartments.

E.SYLINE MINI



SMALL SIZE
APARTMENT
OR RESIDENCE

E.SYLINE BOX



MEDIUM SIZE APARTMENT,
HOUSE OR SMALL COMPLEX

E.SYLINE TWIN



LARGE SIZE APARTMENT OR COMPLEX

E.Syline is a range of water pressure boosting products for domestic and residential applications.

Featuring a three self-priming inverter multistage pump options, with integrated electronics for control and management, pressure and flow sensors, a high-resolution LCD orientable display and an integrated control vessel.

Efficient

Incorporating Inverter technology, E.Syline pumps draw the energy necessary according to the water requirements, thereby avoiding futile wastes and allowing considerable economic savings.

Versatile

It can be installed in a vertical or horizontal position, in a ventilated room or in a recess and supplied in fully packaged formats with water storage tanks.

Silent

The noise perceived as well the vibrations are reduced to the minimum and the system is whisper-silent only 45 dB in standard use.

Thanks to the water cooled motor, the protective casings in sound-deadening ABS, the vibration-damping feet and the inverter electronics that modulate the motor revolutions according to the set pressure (set point) and the flow requested.

Compact

It saves 30% of space in comparison with a traditional system.

Easy Install

Maintenance is easy too, thanks to the design of the technical compartment, which allows access to the expansion, vessel, the rotor shaft and the second filling cap.

This area also houses all the tools needed for both maintenance and the first installation, such as the user guide and the instrument for easy extraction of the cartridge of the non-return valve.




Wireless

Has a wireless device to facilitate the creation of pressure booster sets and for connection of up to four pump units.

Compliance

WRAS approved product.

E.SYLINE DOMESTIC BOOSTER SET SELECTION GUIDE

	MAXIMUM NUMBER OF FLOORS	MAXIMUM NUMBER OF APARTMENTS		
		SMALL SIZE APARTMENT with 1 bathroom and up to 6 taps	MEDIUM SIZE APARTMENT with 2 bathrooms and up to 10 taps	LARGE SIZE APARTMENT with 2 bathrooms plus a garden and up to 15 taps
E.SYLINE MINI 	1	2	2	1
	2	2	2	1
	3	2	1	1
E.SYLINE BOX 	1	9	5	4
	2	8	5	4
	3	7	5	4
	up to 6	6	3	-
E.SYLINE TWIN 	1	16	10	6
	up to 3	16	10	6
	4	15	9	5
	5	14	8	5
	6	12	7	5
	up to 8	11	6	-

Display

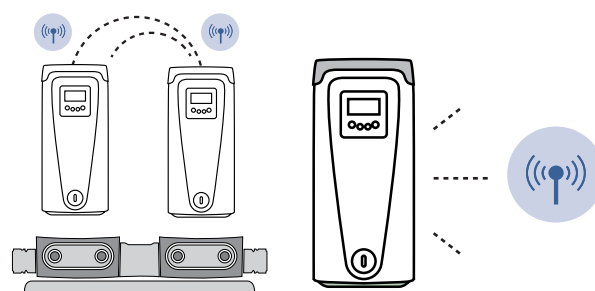
LCD 70x40mm high-resolution screen, adjustable to adapt the readability at various installations. The intuitive interface gives access to all the system information and the main settings depending on the specific application.



- Intuitive Interface
- Monitoring Parameters
- Adjustable
- Quick Setting

Wireless D+ Connect Ready

Thanks to the equipped wireless connection it is possible to create groups of two to four pumps and can be connected to the internet.



E.SYBOX MINI

E.Sybox Mini is a compact integrated automatic pressure pump system for the water supply of a domestic single dwelling.

The E.Sybox Mini guarantees the comfort of constant pressure (Pressure Set Point adjustable from 1 up to 5 bar) inside the system, and energy savings thanks to the inverter technology.

Suitable for use with drinking water in domestic systems, E.Sybox Mini does not require any additional components for its installation.

It consists of a self-priming double impeller pump, management inverter electronics, pressure and flow sensors, adjustable high resolution LCD display with 1 litre built-in expansion vessel, and cartridge check valve.

The double suction and delivery ports allow both vertical and horizontal installation in closed spaces without high level of air exchange.

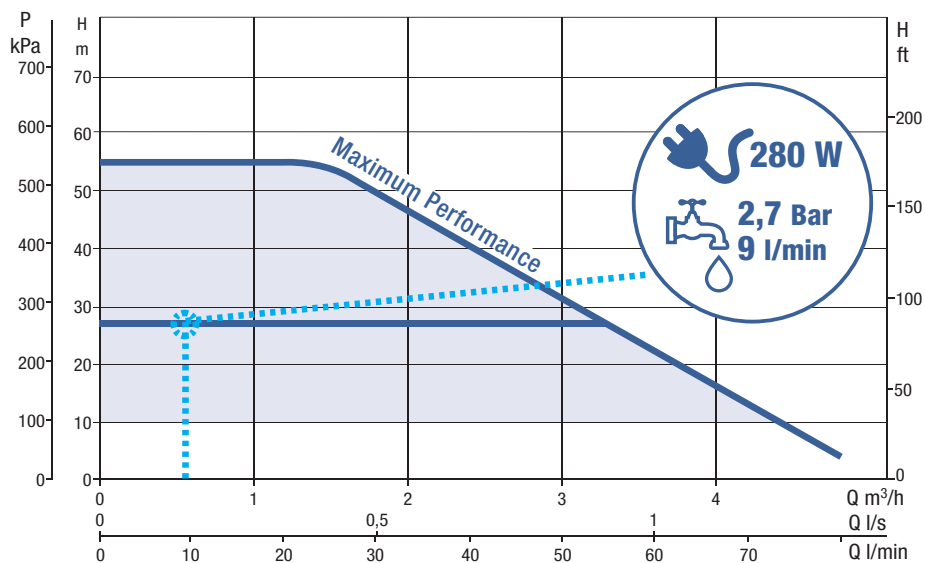
The water-cooled motor, the protective and sound damping ABS hull, the anti-vibration feet and its electronics make this compact product very quiet (45dB under normal use).

Fitted with all the safety protections, as well as the protections for the safeguard of the pump, particularly, the dry run, and the antifreeze protections.

All the parameters and the operating status can be displayed and set on the high-resolution LCD display.

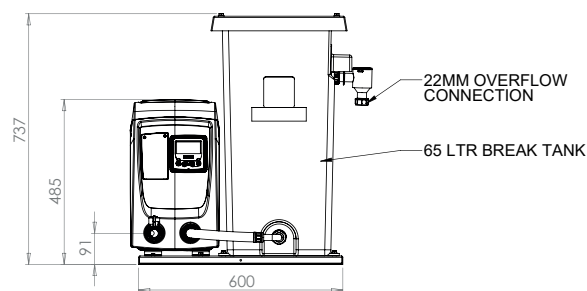
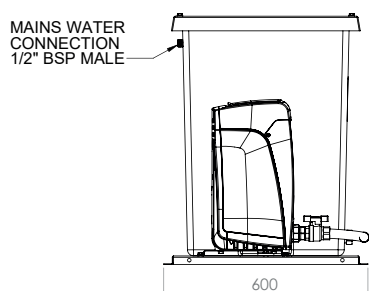
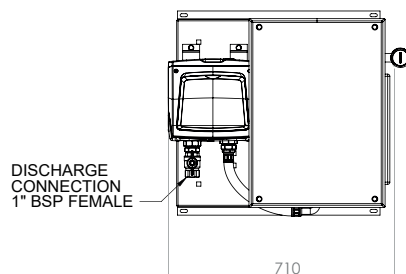


E.SYBOX MINI CURVE

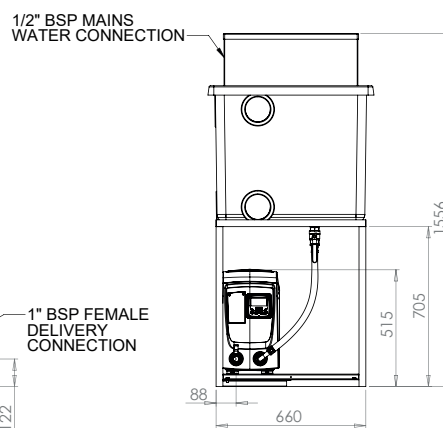
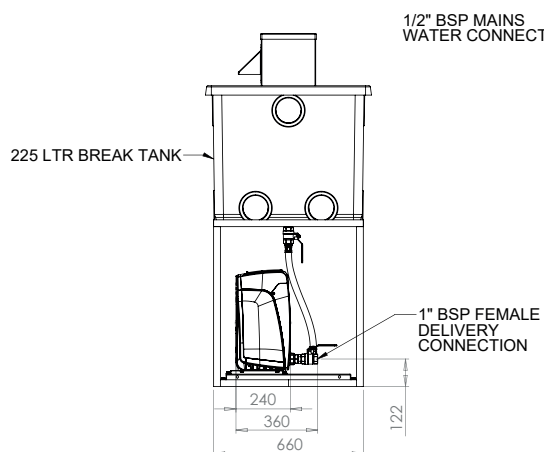
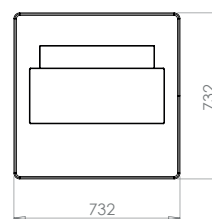


E.SYBOX MINI PACKAGED SOLUTIONS AND DIMENSIONS

E.SYLINE MINI with 65L Storage Tank



E.SYLINE MINI with 225L Storage Tank



E.SYBOX

E.Sybox is a compact integrated electronic water pressure pump system for domestic residential use.

The E.Sybox guarantees the comfort of constant pressure (Pressure Set Point adjustable from 1 up to 5.5 bar) inside the system, and energy savings thanks to the inverter technology.

Suitable for use with drinking water in domestic systems, E.Sybox does not require any additional components for its installation.

It consists of a self-priming, multi-stage pump with electronic inverter management, pressure and flow sensors, adjustable, high resolution LCD display and an integrated 2 litre expansion tank.

The double suction and delivery ports allow both vertical and horizontal installation, in closed spaces without high level of air exchange.

The accessories (E.Sywall bracket, E.Sydock, E.Sytwin) permit several installation possibilities.

The water-cooled motor, the protective and sound damping ABS hull, the anti-vibration feet and its electronics make this compact product very quiet (45dB under normal use).

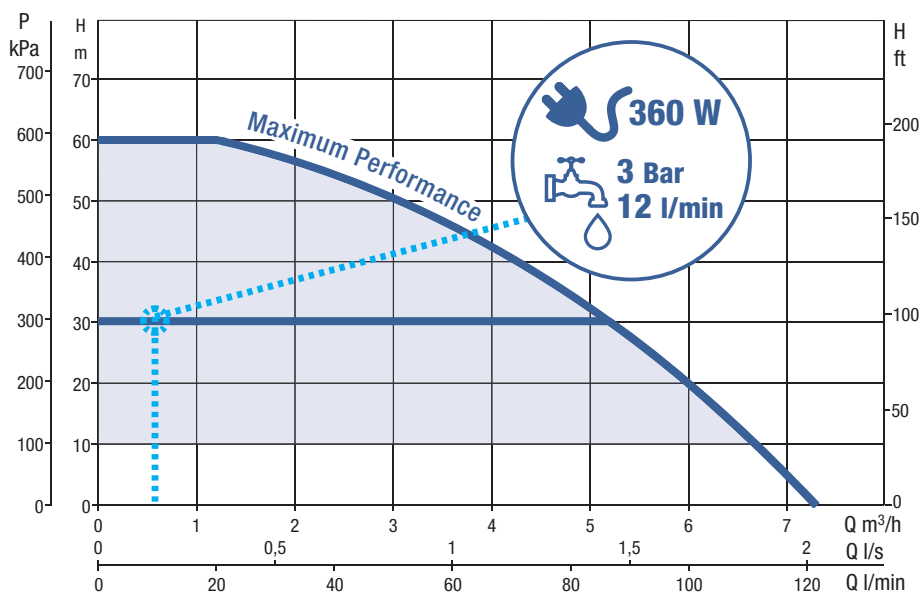
Fitted with all the safety protections, as well as the protections for the safeguard of the pump, particularly, the dry run, and the antifreeze protections.

All the parameters and the operating status can be displayed and set on the high-resolution LCD display.

The wireless system enables the creation up to four of other pressurisation groups able to connect with up to four multiple E.Sybox products.

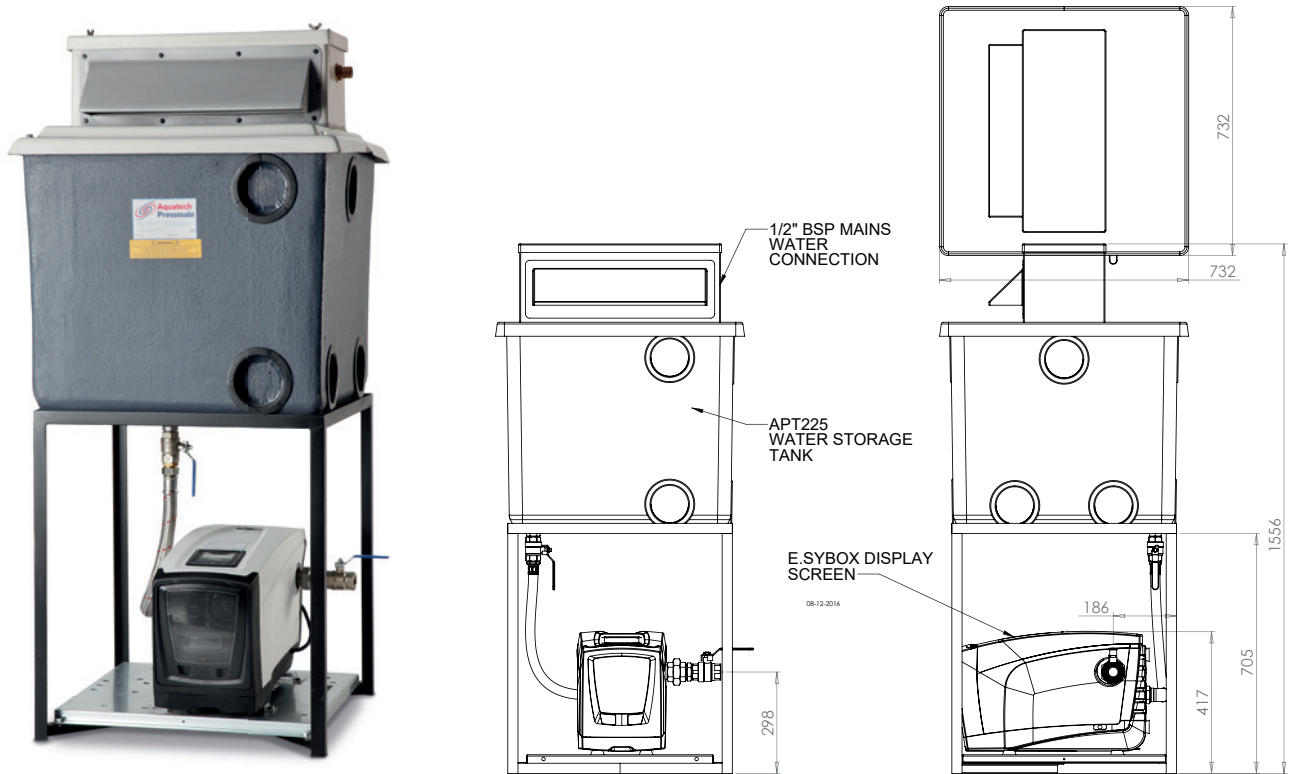


E.SYBOX CURVE

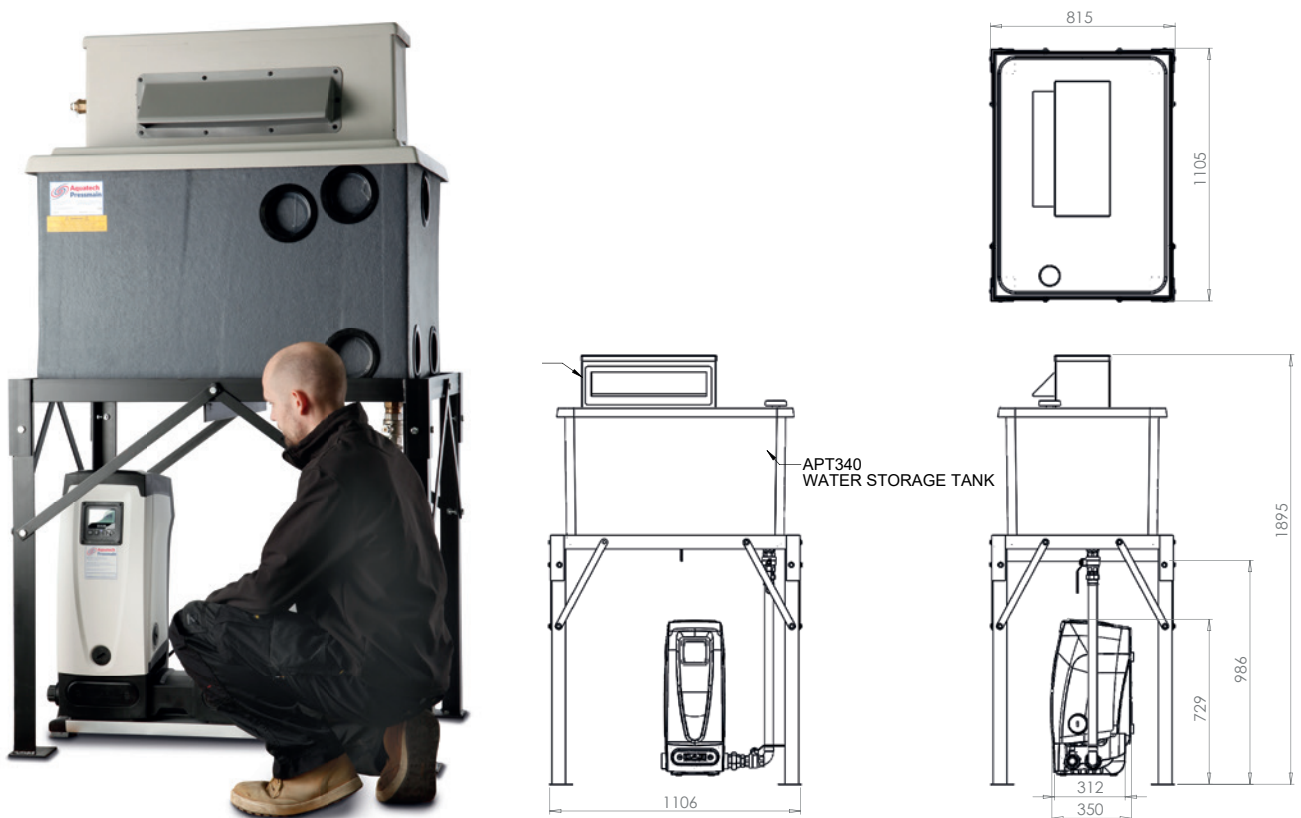


E.SYBOX PACKAGED SOLUTIONS AND DIMENSIONS

E.SYLINE BOX with 225L Storage Tank



E.SYLINE BOX with 340L Storage Tank



E.SYBOX TWIN

E.Sytwin is a compact integrated electronic two pump water pressure system for large domestic residential use. The E.Sytwin guarantees the comfort of constant pressure (Pressure Set Point adjustable from 1 up to 5.5 bar) inside the system, and energy savings thanks to the inverter technology.

Suitable for use with drinking water in domestic systems, E.Sytwin does not require any additional components for its installation.

It consists of two self-priming, multi-stage pump with electronic inverter management, pressure and flow sensors, adjustable, high resolution LCD display and an integrated 2 litre expansion tank.

The double suction and delivery ports allow both vertical and horizontal installation, in closed spaces without high level of air exchange.

The water-cooled motor, the protective and sound damping ABS hull, the anti-vibration feet and its electronics make this compact product very quiet (45dB under normal use).

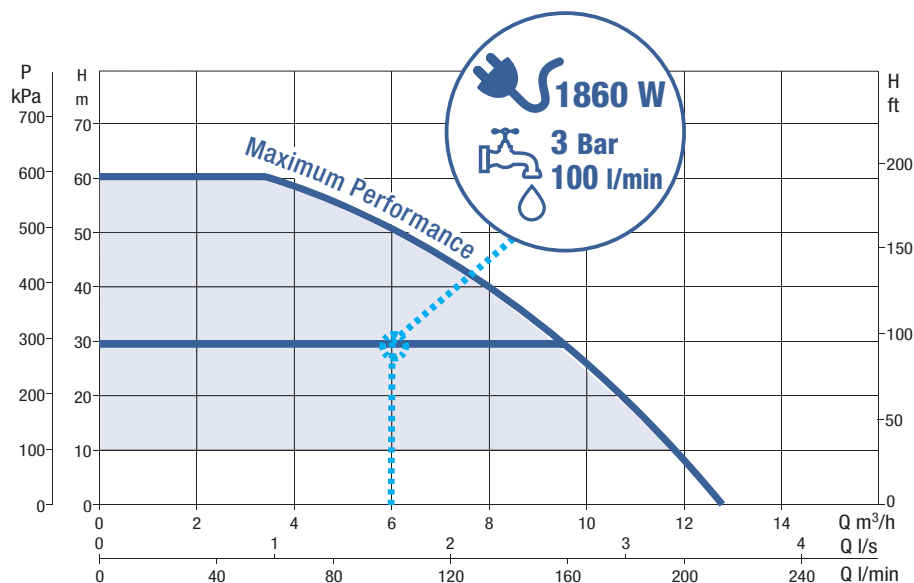
Fitted with all the safety protections, as well as the protections for the safeguard of the pumps, particularly, the dry run, and the antifreeze protections.

All the parameters and the operating status can be displayed and set on the high-resolution LCD display.

The wireless communication system enables the two pumps to communicate and work together to provide constant pressure and auto changeover.

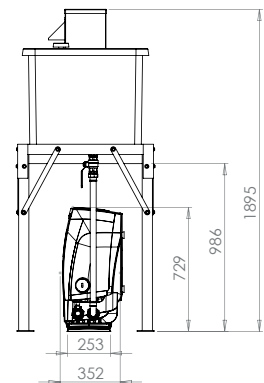
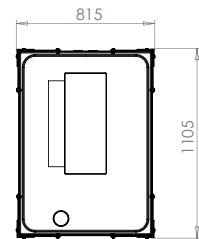
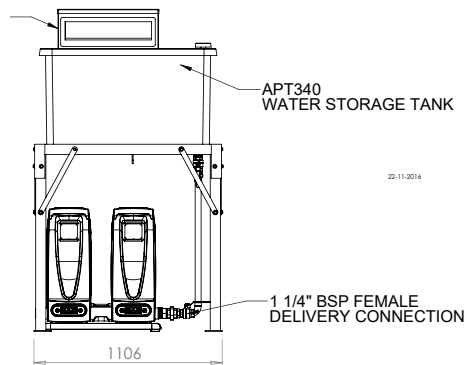


E.SYBOX TWIN CURVE

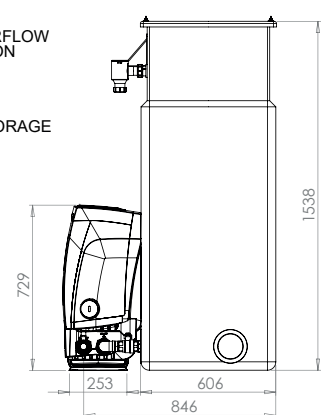
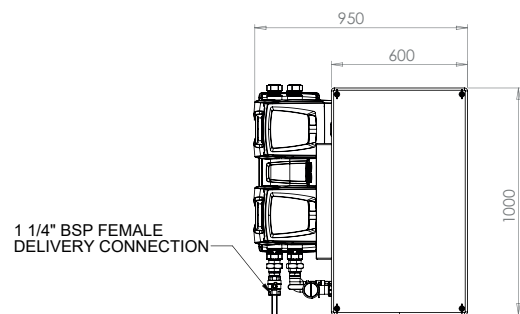
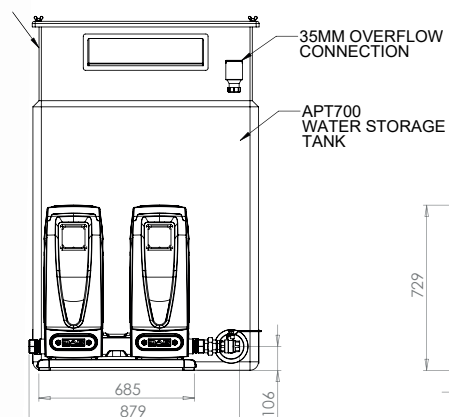


E.SYBOX TWIN PACKAGED SOLUTIONS AND DIMENSIONS

E.SYLINE TWIN with 340L Storage Tank



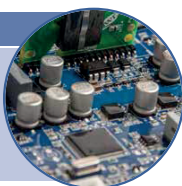
E.SYLINE TWIN with 700L Storage Tank



E.SYBOX FEATURES

INVERTER

Thanks to the inverter technology, E.SYBOX absorbs only the necessary energy required, increasing the sensitive economic savings.



NON RETURN VALVE ON DELIVERY

Easy to remove for routine maintenance operations.



MOTOR

Special water cooled motor design eliminates noise generated by the fans traditional cooling.



TECHNICAL COMPARTMENT

Easy access to the expansion tank air valve adjustment and the non return valve for quick cleaning or maintenance.



CONNECTIONS - Flexibility of installation

Allows you to choose which system inlets and outlets to use depending on installation needs.



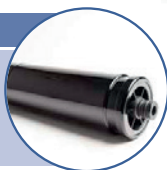
ANTI VIBRATION FEET

Guarantees effective absorption of vibrations helping e.sybox to further reduce the operation noise.



2 LITRE EXPANSION TANK

Guaranteed for 5 years without any maintenance requirements. Certified for drinking water.



FLOW AND PRESSURE SENSORS

Electronic pressure transducer and integrated flow sensor.



WIRELESS



ANTIFREEZE

E.SYLINE TECHNICAL DETAILS

	E.SYBOX MINI	E.SYBOX
OPERATING RANGE	flow rate up to 80l/min; head up to 55m	flow up to 120l/min; head up to 65m
PUMPED LIQUID	Clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallized and not chemically neutral	
LIQUID TEMPERATURE RANGE	from 0°C to + 35°C for domestic use and from 0°C + 40°C for other uses	
MAX. SUCTION DEPTH	8 metres	
MAX. AMBIENT TEMPERATURE	+50°C	
MAX. WORKING PRESSURE	7,5 bar (750 kPa)	8 bar (800 kPa)
MOTOR PROTECTION	IPX4 (without e.sycover fitted)	
INSULATION CLASS	F	



AGM House, London Road, Copford, Colchester CO6 1GT
T: +44 (0)1206 215121 E: info@aquatechpressmain.co.uk www.aquatechpressmain.co.uk