

DAB[®]
WATER • TECHNOLOGY



Introducing...

e.sybox

The newest innovation in
Electronic Pressure Systems.

 **WHITE**
INTERNATIONAL



ELECTRONIC Water Pressure System

E.SYBOX



Leading the way in electronic pump technology, the E.SYBOX is a completely new solution in domestic water supply. It is ideal for water pressure boosting in domestic and light commercial applications.

The E.SYBOX is a revolutionary and innovative all-in-one pump solution comprising of:

- A self-priming multistage pump
- Electronics for control and management
- Pressure and flow sensors
- High-resolution LCD display
- 2 Litre integrated expansion vessel

Features:

- Powerful performance flow up to 2 L/sec and head up to 6 bar
- Self priming up to 8 metres
- Dry run protection to stop pump damage if no water is present
- 2 Litre expansion tank protects against thermal fluctuations and reduces pump starts
- Intelligent anti-freeze protection prevents formation of ice inside unit
- Over/under voltage protection and over current protection
- Wireless connectivity facilitates the creation of pressure booster sets and connection to other DAB devices

2 Year Parts & Labour Warranty

AS/NZS4020 Drinking Water Approved



ENERGY EFFICIENT

Variable speed inverter maintains constant pressure using less energy under low flows, resulting in energy cost savings. Inverter draws only enough energy necessary according to water requirements - avoiding wasted electricity.



DESIGNED FOR DOMESTIC & RESIDENTIAL USE

Compact and sleek design allows for installation in the smallest of spaces. Versatile design means it can be installed either horizontally or vertically. Simple and easy installation. Easy to use LCD display to customise settings.



EASY MAINTENANCE

External suction and delivery ports can be easily accessed with no need to dismantle the pump. Technical compartment for easy access to rotor shaft, vertical filling plug and expansion tank. It is also a practical housing for maintenance tools and instruction manual.



SILENT OPERATION

Whisper silent operation - only 45dB in standard use. Water cooled motor and sound dampening casing - quietest booster pump on the market. Antivibration feet absorb any noise - prevent vibrations.

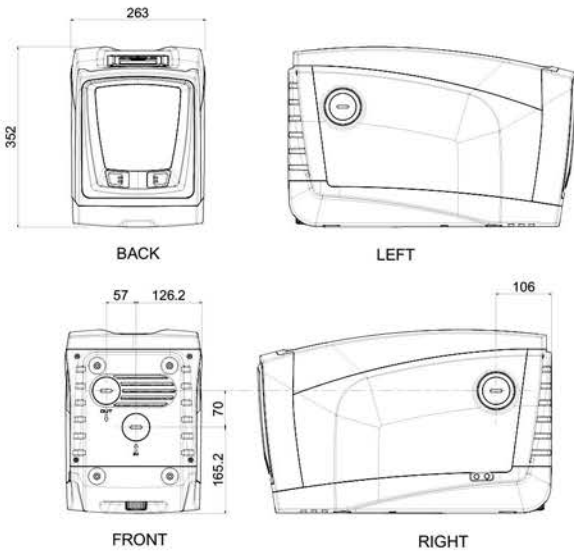
Technical Information

e.sybox

Model	P2	1 ph In	Water Temp	Connections		Weight	Dimensions			Taps
				Inlet	Outlet		L	H	D	
DAB-E.SYBOX	1.55	10	0/40	1" BSPF	1" BSPF	24.8	564	352	263	12

Operating Conditions	
System Pressure	Max. 8 bar (800 kPa)
Liquid Temperature	-0°C to +40°C
Maximum Ambient Temperature	+50°C

Electrical Data	
Voltage	1 x 240V, 50 - 60 Hz
Protection Level	IP 44
Insulation Class	F

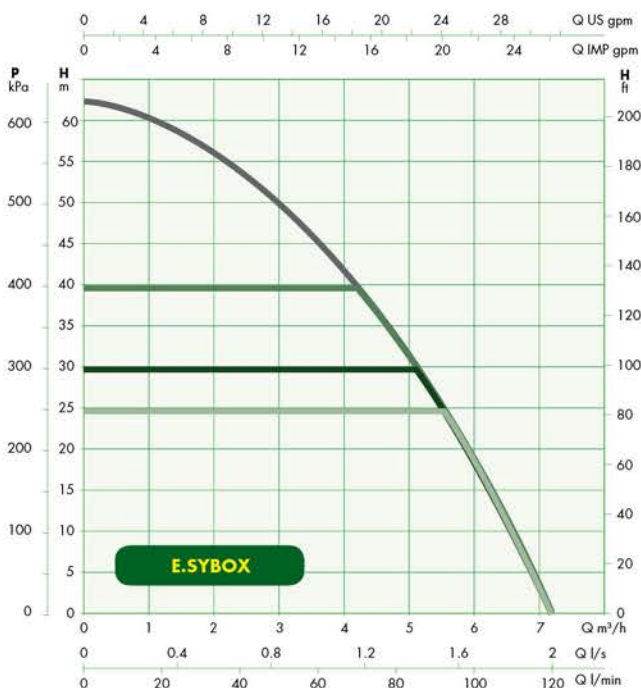


Construction	
Materials	<ul style="list-style-type: none"> • Composite outer casing • Stainless steel shaft • Technopolymer impeller and diffusers

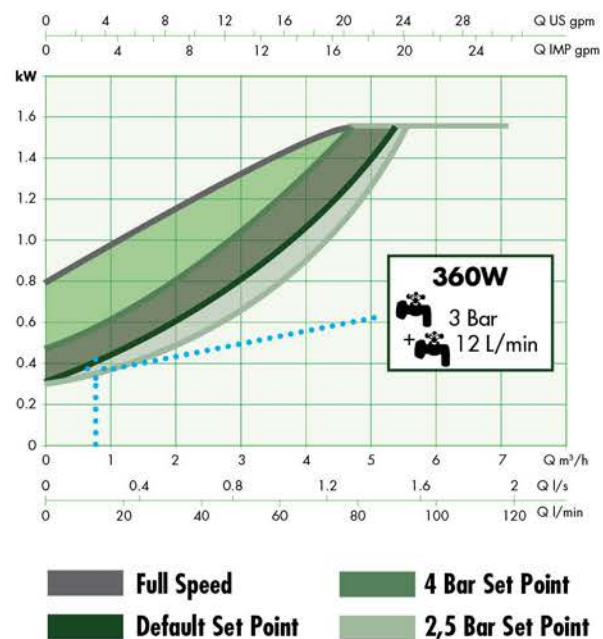
Overall Dimensions		
L	W	H
565mm	265mm	352mm



Performance Curve:



Energy Saving Curve:



Accessories

e.sybox

e.sydock

E.sydock makes installation rapid, easy and flexible.

- 4 plumbing configuration possibilities
- Complete with all interfaces required for connection
- Rapid disconnect function for easy maintenance
- Incorporates anti-vibration feet
- 1 1/4" suction and delivery fittings
- 293L x 318P x 180H e.sydock
- 293L x 345P x 679H with e.sybox installed



e.sywall

E.sywall mounting bracket

- Comes with brackets, screws and dowels
- Includes two accessories for absorption of vibrations



e.sytwinn

E.sytwinn is the evolution of e.sydock, creating connection between two pumps.

A better, longer life

- e.sytwinn ensures constant water supply thanks to the BACKUP function.
- The new software algorithms constantly analyse the operation of the system, thus optimizing alternating use of the two units.

More power, less space

- e.sytwinn offers exceptional performance thanks to combined operation with a 50% reduction in size compared to traditional units.

Everything you need

- The wireless interface handles communication between the two units
- Ensures hydraulic connection without need for additional components for installation and operation
- Group operation visible on every display.

1 1/4" suction and delivery fittings

752L x 358P x 230H e.sytwinn

752L x 358P x 730H with e.sybox installed



FEATURES AND BENEFITS



TECHNICAL COMPARTMENT

Allows easy access to internal components and houses maintenance tools and user's guide.



WATER COOLED MOTOR

Corrosion resistant motor allows system to be installed in a recess. Eliminates noise generated by traditional cooling fans.



LCD DISPLAY

70x40mm high-resolution display makes it possible to access information and customise operation settings according to application.



INTERNAL HYDRAULIC CONNECTIONS

Designed to minimise dimensions, making the system more compact and maintenance easy.



INVERTER

Variable speed inverter maintains constant pressure using less energy under low flows resulting in energy cost savings.



CHECK VALVE AT THE DELIVERY

Allows horizontal and vertical installation. It can be easily removed to facilitate maintenance.



EXPANSION TANK

Integrated 2 litre expansion tank to prevent against thermal fluctuations and reduces pump starts.



SENSORS

New compact electronic pressure transducer with built-in temperature sensor developed send signals for effective control of system.



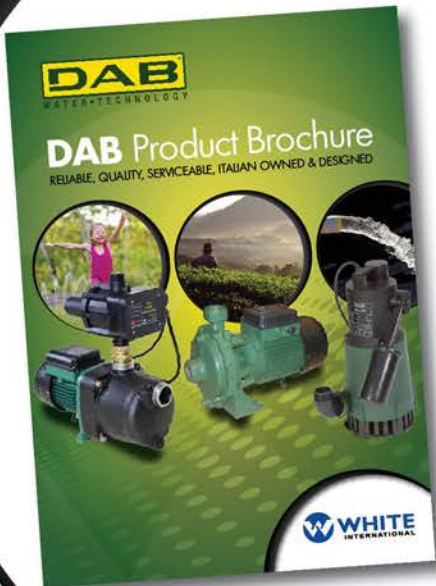
ENCLOSURE

Enclosure is made from ABS material, protecting the system and making it sound proof.



ANTI VIBRATION FEET

Ensures absorption of vibrations, making the e.sybox even more silent (designed for horizontal or vertical installation).



For White International's full range of DAB Products, as well as some handy hints, visit our website www.whiteint.com.au and download our new brochure.

View the E.sybox Promotional Video on youtube:



Available from:

WHITE INTERNATIONAL PTY LTD

52-60 Ashford Ave Milperra NSW 2214
PO Box 304 Milperra LPO NSW 2214
Phone 02 9783 6000 Fax 02 9783 6001
Customer Service Hotline 1300 783 601
Email Sales: sales@whiteint.com.au
General info: info@whiteint.com.au
www.whiteint.com.au

WHITE INTERNATIONAL NZ LTD

15G Kerwyn Avenue,
East Tamaki, Auckland 2013, New Zealand
Phone 09 579 9777 Fax 09 579 7775
Customer Service Hotline 0800 509 506
Customer Service Faxline 0800 804 344
Email Sales: sales@whiteint.co.nz
General info: info@whiteint.co.nz
www.whiteint.co.nz



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