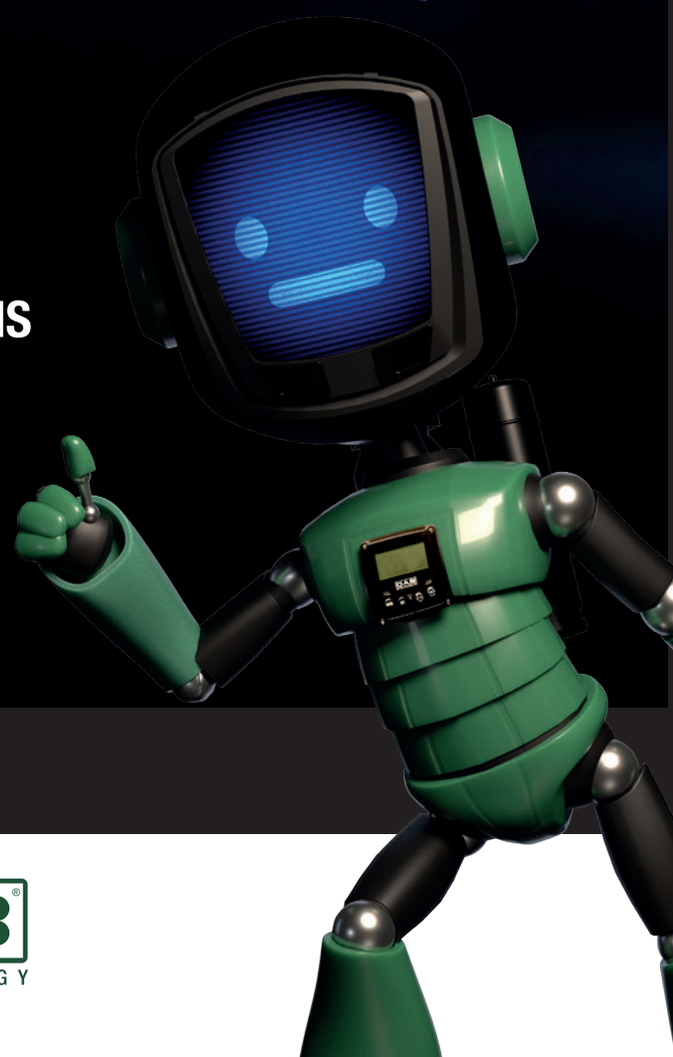
ESYTANK PRO

MODULARITY AND CONNECTIVITY

INTRODUCING ESYTANK PRO
THE WATER STORAGE TANK &
VARIABLE SPEED BOOSTER SET SOLUTIONS



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DAB
WATER•TECHNOLOGY

Introducing Esytank Pro, water boosting and storage solutions incorporating the revolutionary Esyline range of booster sets.

These packages are specifically designed to minimize footprint and maximize storage whilst maintaining easy access to pumps and controls. No need to disturb the stored water when interacting with the pump, saving time, money and the inconvenience of draining and chlorination.
Pro tanks are WRAS approved, of insulated GRP construction and feature AG or AB Cat 5 protection.

Combinations include anything from a single Esybox Mini3, our smallest Esyline variable speed booster set right up to a triple pump, 3 Esybox Max 85/120T commercial set, able to look after the high flow and pressure requirements of more demanding environments. The Esytank Pro range consists of nominal sizes up to 1500L as standard.

All Esyline products can be remotely managed and monitored via the DAB DConnect system, this system allows customers to view real-time performance data, access tailored reports and have the peace of mind provided by a remote backup. Extended warranty packages are available based on DConnect set-up, commissioning and service support for up to 5 years.

Esyline booster sets are packed with unique features from water-cooled quiet running to the use of permanent magnet motors in Esybox Max. This results in up to 20% greater efficiency compared to standard booster pump motors! The Esyline system focuses on modularity, saving on manufacturing resources, transport and storage requirements. Modularity helps support the drive to CO2 reduction and promotes ready availability meaning the customer saves time.

D.CONNECT
ALWAYS CONNECTED TO ESYBOX LINE

The D.Connect service is available for all products in the Esybox range. This allows remote and easy interaction with the products, supporting both monitoring and management from anywhere. D.Connect - always under control.

PRODUCT OVERVIEW

COMPACT MODULAR SYSTEMS FOR EASY ACCESS AND INSTALLATION

TANK SIZES FROM 65L TO 1500L

REMOTE MONITORING AND MANAGEMENT

PRESSURE RANGES FROM 1 BAR TO 9.6 BAR. FLOWRATES UP TO 10L/S

WRAS APPROVED BRASS EQUILIBRIUM BALL VALVE INCORPORATING COPPER FLOAT

1,2 OR 3 PUMP VARIABLE SPEED BOOSTER SET COMBINATIONS

REVOLUTIONARY AWARD WINNING WRAS APPROVED ESYLINE BOOSTER SETS. EXTREMELY QUIET WATER COOLED SYSTEM

- Minimal footprint WRAS approved water tank and variable speed booster set packages
- Category 5 AB or AG water protection
- Incorporating the revolutionary DAB Esyline range of booster sets
- Easy access to pumps without having to contact the water risking contamination requiring tank draining and chlorination
- Simple tank and base system along with modular booster pump sets makes building access easy
- Range of sizes 65L to 1500L
- 1,2 or 3 pump booster combinations
- Quiet, water cooled highly efficient pump sets
- Remote monitoring and management via D.Connect
- WRAS approved GRP insulated tanks incorporating all fittings
- Fully WRAS approved booster sets
- Pressure ranges from 1 bar - 9.6 bar

WRAS APPROVED PRODUCT

DCONNECT APP

Download on the App Store

ANDROID APP ON Google play

DAB WATER•TECHNOLOGY

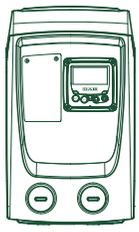
SPECIFICATION

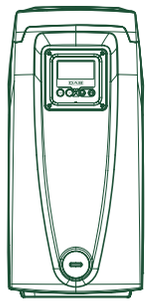
DAB Esytank Pro is designed to provide a compact water storage option for the award winning Esyline booster set range. Similar to the Esyline pump range, Esytank Pro tank systems focus on modularity, making site access easy and minimising footprint. The Esyline booster range is compact, quiet and highly efficient, providing flow rates up to 10l/s and pressure ranges up to 9.6 bar, across 1 - 3 pump booster set options. Esytank Pro tanks are fully insulated, GRP construction and WRAS approved. All Esyline booster sets are fully WRAS approved. Tank capacities range from 65L - 1500L. Pumps and controls are easily accessible and external to the tank meaning there is no requirement to touch the stored water, risking contamination and the need to drain and chlorinate after service.

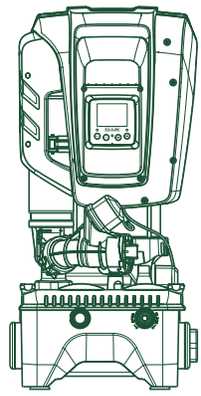
- GRP Insulated WRAS approved water tanks
- Award winning WRAS approved Esyline variable speed booster sets
- High quality tank fittings including professional standard equilibrium ball valve with copper float and brass Essex tank connectors
- BMS connectivity
- Remote monitoring and management capability as standard
- System performance reporting capability
- Full suite of alarms and protections
- Condense tray with encapsulated 1” marine ply protects tank base and allows for easier installation
- Esybox Max range features permanent magnet motor technology for increased efficiency
- Water cooled pump systems for extremely quiet running
- Twin tank options
- Category 5 AB and AG protection options on all tanks

USE

Large houses, apartment blocks, restaurants, medical centres, schools through to mid range hotels and commercial premises







FEATURES

	esybox mini³	esybox	esybox max
OPERATING RANGE	FLOW RATE: up to 4,8 m³/h MAXIMUM HEAD: up to 55 m	FLOW RATE: up to 7,2 m³/h MAXIMUM HEAD: up to 65 m	FLOW RATE: up to 17,4 m³/h MAXIMUM HEAD: up to 113 m
ENERGY SAVING	UP TO £240 A YEAR*	UP TO £500 A YEAR *	UP TO £900 A YEAR *
DCONNECT	AVAILABLE with Dconnect Box or Dconnect Box 2	AVAILABLE with Dconnect Box or Dconnect Box 2	INTEGRATED
COMMUNICATION PROTOCOLS	WI-FI	WI-FI	WIRELESS, WI-FI, BLUETOOTH, integrated and standard. Modbus for communication with external systems.
CERTIFICATIONS	ACS, WRAS	ACS, WRAS	ACS, WRAS, NSF61
INVERTER	INTEGRATED	INTEGRATED	INTEGRATED
DISPLAY	HIGH RESOLUTION LCD, 70x40 mm	HIGH RESOLUTION LCD, 70x40 mm	HIGH DEFINITION LCD, optimum visibility with high contrast, 70x40mm
DIMENSIONS	24 L X 27 P X 44 H *	26 L X 35 P X 56,5 H *	37,5 L X 38,5 P X 76,5 H
WEIGHT	14,6 Kg	27 Kg	38 Kg

*** Compared to a conventional booster pump, during average conditions of use.**

*** VERTICAL INSTALLATION (Possibility of horizontal installation)**

DAB WATER•TECHNOLOGY

ESYTANK PRO DIMENSIONS

TANK SIZE	WIDTH MM	DEPTH MM	HEIGHT MM
65L	650	650	740
250L	660	1000	1042
500L	780	1030	1542
750L	1170	1050	1500
1000L	1520	1050	1542
1250L	1670	1100	1537
1500L	1670	1130	1842

BOOSTER SET PERFORMANCE MATRIX

BOOSTER SET SELECTION CRITERIA.

MID RANGE PERFORMANCE	SINGLE PUMP	DUTY / STANDBY	DUTY / ASSIST	DUTY / ASSIST / STANDBY	DUTY / ASSIST / ASSIST
0.75L/S @ 3.5 BAR	ESYBOX MINI 3				
1.1L/S @ 4.5 BAR	ESYBOX STANDARD	ESYTWIN COMPLETE			
2.6L/S @ 5 BAR	ESYBOX MAX 60/120M & T*	2 ESYBOX MAX 60/120M & T*			
2.6L/S @ 7 BAR	ESYBOX MAX 85/120T	2 ESYBOX MAX 85/120T			
1.93L/S @ 4.5 BAR			ESYTWIN COMPLETE		
5.2L/S @ 5 BAR			2 ESYBOX MAX 60/120M & T*		
5.2L/S @ 7 BAR			2 ESYBOX MAX 85/120T		
5.2L/S @ 5 BAR				3 ESYBOX MAX 60/120M & T*	
5.2L/S @ 7 BAR				3 ESYBOX MAX 85/120T	
7.8L/S @ 5 BAR					2 ESYBOX MAX 60/120M & T*
7.8L/S @ 7 BAR					3 ESYBOX MAX 85/120T

Note: M = single phase T=3 phase supply

BOOSTER SET AND TANK COMBINATIONS - MODEL DEFINITIONS

SINGLE PUMP OPTIONS

	65L CAPACITY AB ONLY	250L CAPACITY AB & AG	500L CAPACITY AB & AG	750L CAPACITY AB & AG	1000L CAPACITY AB & AG
ESYBOX MINI 3	Esytank PrO 65 AB - Esybox Mini 3	Esytank Pro 250 AB / or AG - Esybox Mini3			
STANDARD ESYBOX	Esytank Pro 65 AB - Esybox Standard	Esytank Pro 250 AB / or AG - Esybox Standard	Esytank Pro 500 AB / or AG - Esybox Standard	Esytank Pro 750 AB / or AG - Esybox Standard	Esytank Pro 1000 AB / or AG - Esybox Standard

DUTY / ASSIST TWIN PUMP OPTIONS

	500L CAPACITY AB & AG	750L CAPACITY AB & AG	1000L CAPACITY AB & AG	1250L CAPACITY AB & AG	1500L CAPACITY AB & AG
COMPLETE ESYTWIN	Esytank Pro 500 AB / or AG - complete Esytwin	Esytank Pro 750 AB / or AG - Complete Esytwin	Esytank Pro 1000 AB / or AG - Complete Esytwin	Esytank Pro 1250 AB / or AG - Complete Esytwin	Esytank Pro 1500 AB / or AG - Complete Esytwin
2 ESYBOX MAX 60/120 M OR T			Esytank Pro 1000 AB / or AG - 2 Esybox Max 60/120 M or T	Esytank Pro 1250 AB / or AG - 2 Esybox Max 60/120 M or T	Esytank Pro 1500 AB / or AG - 2 Esybox Max 60/120 M or T
2 ESYBOX MAX 85/120 T			Esytank Pro 1000 AB / or AG - 2 Esybox Max 85/120 T	Esytank Pro 1250 AB / or AG - 2 Esybox Max 85/120 T	Esytank Pro 1500 AB / or AG - 2 Esybox Max 85/120 T

DUTY / STANDBY TWIN PUMP OPTIONS

	500L CAPACITY AB & AG	750L CAPACITY AB & AG	1000L CAPACITY AB & AG	1250L CAPACITY AB & AG	1500L CAPACITY AB & AG
COMPLETE ESYTWIN	Esytank Pro 500 AB / or AG - complete Esytwin	Esytank Pro 750 AB / or AG - Complete Esytwin	Esytank Pro 1000 AB / or AG - Complete Esytwin	Esytank Pro 1250 AB / or AG - Complete Esytwin	Esytank Pro 1500 AB / or AG - Complete Esytwin
2 ESYBOX MAX 60/120 M OR T			Esytank Pro 1000 AB / or AG - 2 Esybox Max 60/120 M or T	Esytank Pro 1250 AB / or AG - 2 Esybox Max 60/120 M or T	Esytank Pro 1500 AB / or AG - 2 Esybox Max 60/120 M or T
2 ESYBOX MAX 85/120 T			Esytank Pro 1000 AB / or AG - 2 Esybox Max 85/120 T	Esytank Pro 1250 AB / or AG - 2 Esybox Max 85/120 T	Esytank Pro 1500 AB / or AG - 2 Esybox Max 85/120 T

DUTY / ASSIST / ASSIST THREE PUMP OPTIONS

	1000L CAPACITY AB & AG	1250L CAPACITY AB & AG	1500L CAPACITY AB & AG
3 ESYBOX MAX 60/120 M OR T	Esytank Pro 1000 AB / or AG - 3 Esybox Max 60/120 M or T	Esytank Pro 1250 AB / or AG - 3 Esybox Max 60/120 M or T	Esytank Pro 1500 AB / or AG - 3 Esybox Max 60/120 M or T
3 ESYBOX MAX 85/120 T	Esytank Pro 1000 AB / or AG - 3 Esybox Max 85/120 T	Esytank Pro 1250 AB / or AG - 3 Esybox Max 85/120 T	Esytank Pro 1500 AB / or AG - 3 Esybox Max 85/120 T

DUTY / ASSIST / STANDBY THREE PUMP OPTIONS

	1000L CAPACITY AB & AG	1250L CAPACITY AB & AG	1500L CAPACITY AB & AG
3 ESYBOX MAX 60/120 M OR T	Esytank Pro 1000 AB / or AG - 3 Esybox Max 60/120 M or T	Esytank Pro 1250 AB / or AG - 3 Esybox Max 60/120 M or T	Esytank Pro 1500 AB / or AG - 3 Esybox Max 60/120 M or T
3 ESYBOX MAX 85/120 T	Esytank Pro 1000 AB / or AG - 3 Esybox Max 85/120 T	Esytank Pro 1250 AB / or AG - 3 Esybox Max 85/120 T	Esytank Pro 1500 AB / or AG - 3 Esybox Max 85/120 T

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