

Electronic pressurisation system

APPLICATIONS

Multi-impeller self-priming electronic system for pressurization, rainwater reuse, drawing ground water, gardening and irrigation and agriculture and irrigation in residential building service and commercial building service.

CONSTRUCTION FEATURES OF THE ELECTRONIC

Adjustable display.

The variable frequency drive function saves

energy and protects against water hammer

Integrated protections: protection from dry running, amperometric and anomalous voltages, over temperature, frost, anti-blocking and anti-cycling

Construction according to CEI 2-3 / CEI 61-69 (EN 60335-2-41)

Guided procedure for the first start-up, easy configuration, possibility to display the alarm history.

Wireless connection.

CONSTRUCTION FEATURES OF THE PUMP

Self-priming multi-impeller pump.

2-liter expansion vessel incorporated.

Protective hull in sound-absorbing ABS.

Technopolymer impellers

Integrated flow and pressure sensors.

CONSTRUCTION FEATURES OF THE MOTOR

Motor cooled by the pumped liquid

Stainless steel motor jacket

Motor shaft in AISI 303 stainless steel.

ADVANTAGES

Possibility to connect up to four Esysbox together to create pressure units

Adjustable display

Possibility of remote control thanks to the DConnect service (with DConnect Box supplied separately).

Pump particularly quiet, just 43 dB (thanks to the water-cooled motor) suitable for installation even in living areas.

Can be positioned vertically, horizontally or on the wall with special accessories (supplied separately).



Code: DB ESYBOX MINI



Code: DB ESYBOX



Series: DB ESYBOX MAX ...



Code: DB ESYTWIN MINI



Code: DB ESYTWIN



Series: DB ESYDOCK MAX ...

CODE	MOTOR POWER - AMPERE			Pipe		Q													
	kW	HP	In A	Suction [°G]	Delivery [°G]	m³/h 0	0,6	1,2	1,8	2,4	3	3,6	4,2	4,8	5,4	6	6,6	7,2	
						l/min 0	10	20	30	40	50	60	70	80	90	100	110	120	
DB ESYBOX MINI	0,85	1,1	4,8	1"	1"	55	55	55	49	39	31	23	14	4					
DB ESYBOX	1,4	1,9	10	1"	1"	65	63,5	61,5	59,5	57	53	48	41,5	35	27,5	19	10	2	

CODE	MOTOR POWER - AMPERE			Pipe		Q															
	kW	HP	In A	Suction [°G]	Delivery [°G]	m³/h 0	2,4	3,6	4,8	6	7,2	8,4	9	9,6	10,8	11,4	14,4	17,4			
						l/min 0	40	60	80	100	120	140	150	160	180	190	240	290			
DB ESYBOX MAX 45/120 M	1,97	2,68	9,4	1 1/4 - 2"	1 1/4 - 2"	58	58	58	58	52	45	38,5	35,5	32,3	26	23	7				
DB ESYBOX MAX 45/120 T	1,93	2,59	3,4	1 1/4 - 2"	1 1/4 - 2"	58	58	58	58	52	45	38,5	35,5	32,3	26	23	7				
DB ESYBOX MAX 60/120 M	2,68	3,6	12,5-11,5	1 1/4 - 2"	1 1/4 - 2"	69	69	69	69	69	61	53	50	46,5	40,5	37,2	21	3,9			
DB ESYBOX MAX 60/120 T	2,65	3,5	4,4	1 1/4 - 2"	1 1/4 - 2"	69	69	69	69	69	61	53	50	46,5	40,5	37,2	21	3,9			
DB ESYBOX MAX 85/120 T	3,5	4,7	5,6	1 1/4 - 2"	1 1/4 - 2"	96	96	96	96	96	84	75	71	65	56,7	51,6	29	9			