

SPECK X

speck-pumps.co.za



BADU® ECO VSD PRO

Revolutionising ECO-FRIENDLY PUMPS

With a track record of excellence, SPECK is proud to introduce our latest product innovation – The BADU®ECO VSD Pro. This revolutionary range offers consumers high performance with energy efficiency for all their water pump needs.

BADU®ECO VSD PRO



The BADU®ECO VSD Pro is revolutionising the industry with its innovative motor technology, allowing for decreased carbon emissions and operating costs. Perfect for various-sized pools and small koi ponds, this energy efficient self-priming circulation pump meets high water quality standards – all while giving users control over their power usage!

With new BADU®ECO VSD Pro filtration technology, enjoy improved water quality without relying on harsh chemicals. This not only saves time and money but also has a positive environmental impact!



BADU®ECO VSD Pro 18
(0.45kW)



BADU®ECO VSD Pro 20
(0.75kW)



BADU®ECO VSD Pro 23
(1.50kW)

BADU® pumps have been expertly designed and constructed from the finest materials to ensure superior product quality.



**0.45
KW**



BADU® ECO VSD PRO 18

The BADU®ECO VSD Pro 18 offers innovative motor technology for decreased carbon emissions and lower operating costs. This energy-efficient self-priming unit pairs with a 2-bag filtration system to assist in high water quality standards without reliance on harsh chemicals.

FEATURES:

- Corrosion-resistant.
- Made from high-quality 100% recyclable plastics.
- Stainless steel shaft.
- Electrical separation to ensure safety.
- 2-part easy screw on/off lid.
- Temperature stability up to 60°C.
- Easy and user friendly speed controls.
- Pump on/off button on panel.
- Default speed are 2830/2430/2000 RPM on High, Medium and Low.
- Adjustable RPM higher and lower than default speeds.
- Priming time function can be switched on or off.
- Fully factory tested.
- 24-month ex-factory warranty under normal operating conditions from date of purchase.



**0.75
KW**



BADU® ECO VSD PRO 20

The BADU®ECO VSD Pro 20 embraces a revolutionary motor technology design to provide an energy-efficient, cost-effective, self-priming circulation pump. This unit pairs with a 3-bag filtration system to maintain high water quality standards.

FEATURES:

- Corrosion-resistant.
- Made from high-quality 100% recyclable plastics.
- Stainless steel shaft.
- Electrical separation to ensure safety.
- 2-part easy screw on/off lid.
- Temperature stability up to 60°C.
- Easy and user friendly speed controls.
- Fully factory tested.
- Default speed are 2830/2430/2000 RPM on High, Medium and Low.
- Adjustable RPM higher and lower than default speeds.
- Priming time function can be switched on or off.
- Pump on/off button on panel.
- 24-month ex-factory warranty under normal operating conditions from date of purchase.



**1.50
KW**

BADU® ECO VSD PRO 23

The BADU®ECO VSD Pro 23 self-priming circulation unit has an innovative design for advanced energy-efficiency. This unit lowers operating costs and pairs with a 4- or 7-bag filtration system to assist in high water quality without the use of harsh chemicals.

FEATURES:

- Corrosion-resistant.
- Made from high-quality 100% recyclable plastics.
- Stainless steel shaft.
- Electrical separation to ensure safety.
- 2-part easy screw on/off lid.
- Temperature stability up to 60°C.
- Easy and user friendly speed controls.
- Pump on/off button on panel.
- Default speed are 2830/2430/2000 RPM on High, Medium and Low.
- Adjustable RPM higher and lower than default speeds.
- Priming time function can be switched on or off.
- Fully factory tested.
- 24-month ex-factory warranty under normal operating conditions from date of purchase.

CONTROLLER FUNCTION **BADU®ECO VSD PRO RANGE**

The lower the pump's motor speed, the lower the energy consumption – it is that simple. This new and improved unit has a user-friendly controller to aid its exceptional energy-saving capabilities.



BADU®ECO VSD Pro 18
(0.45kW)

BADU®ECO VSD Pro 20
(0.75kW)

BADU®ECO VSD Pro 23
(1.50kW)

The BADU®ECO VSD Pro pump has 2 operational modes, automatic and manual.

AUTOMATIC (DEFAULT SETTINGS)

The default speeds are 2830/2430/2000 rpm on High (3), Medium (2), and Low (1), respectively.

No 3 – High (2850) = 100% of the motor power capacity.

No 2 – Medium (2400) = 80% of the motor power capacity.

No 1 – Low (2000) = 60% of the motor power capacity.

When starting the pump, the unit will begin “priming” on high for 5 minutes. The priming speed is at 2850rpms. When completed, it will automatically default to the predetermined speed setting. The pump will immediately stop when the “0” button is pressed and can be restarted with any of the speed buttons.

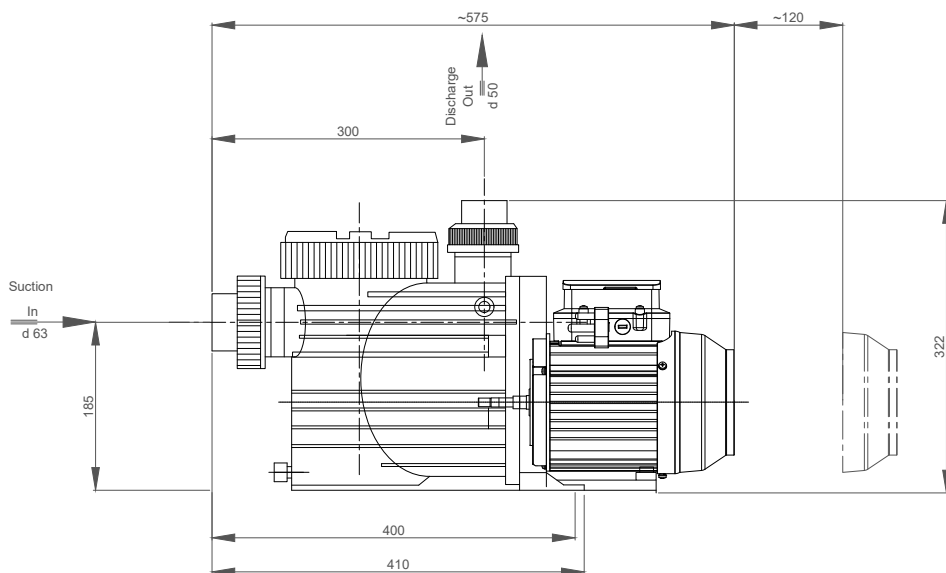


RECOVER FACTORY DEFAULT SETTINGS

The motor can be reset to the state of factory delivery by pressing the “SET” button for at least 15 seconds. The three lights of the fixed speeds and the power light turn on.

The motor starts to run by the default pre-set speed after the “SET” button is released.

PRODUCT INFORMATION

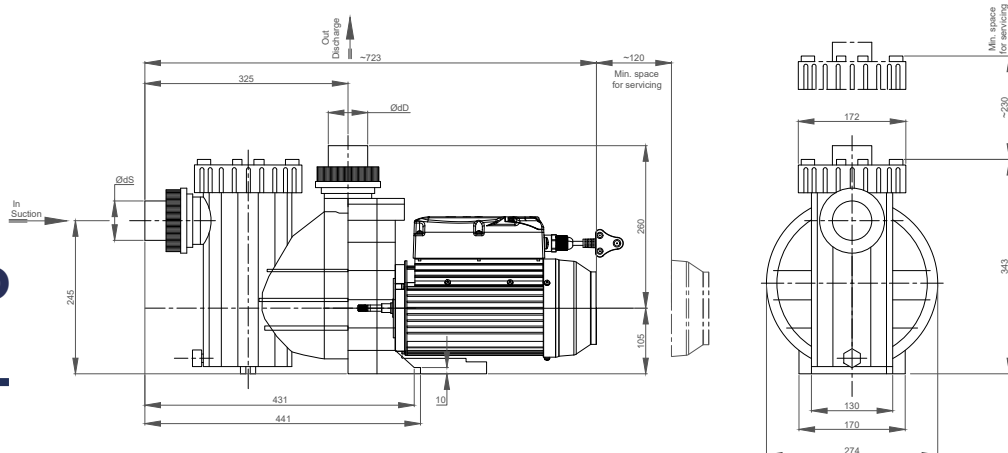


BADU®ECO VSD Pro 18 & 20

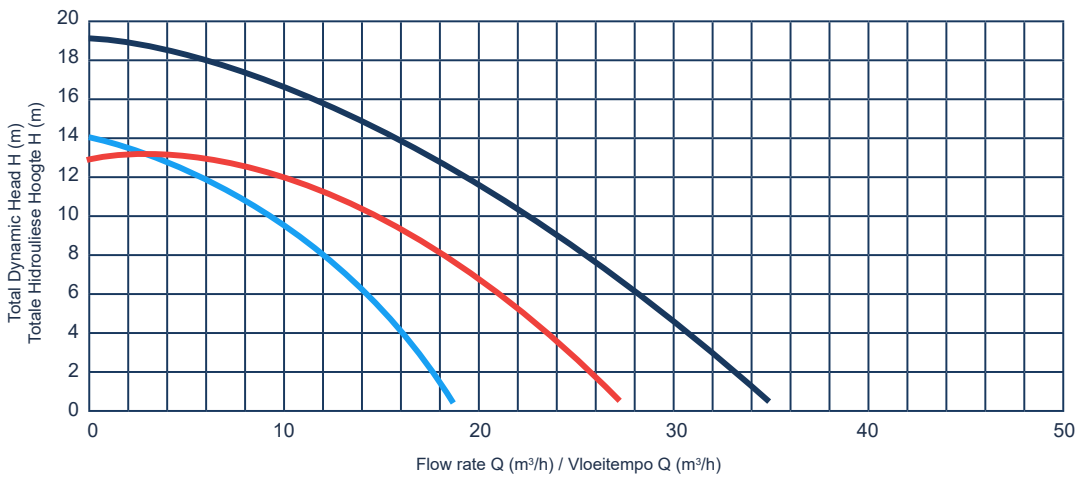
BADU®Eco VSD Pro range dimension table (mm)

Type	Height	Length	Width	Weight
BADU®Eco VSD Pro 18	322	575	196	8.3kg
BADU®Eco VSD Pro 20	322	575	196	9.4kg
BADU®Eco VSD Pro 23	260	723	274	17.55kg

BADU®ECO VSD Pro 23



TECHNICAL INFORMATION



- **BADU®Eco VSD Pro 23**
n=3027 min⁻¹ (High)
- **BADU®Eco VSD Pro 20**
n=2879 min⁻¹ (High)
- **BADU®Eco VSD Pro 18**
n=2869 min⁻¹ (High)

Flow rate (Q) in L/h and L/minute

Vloeitempo (Q) in L/h en L/min.

5m ³ /h	≈ 5 000L/h	≈ 83L/minute
10m ³ /h	≈ 10 000L/h	167L/minute
15m ³ /h	≈ 15 000L/h	250L/minute
20m ³ /h	≈ 20 000L/h	333L/minute
25m ³ /h	≈ 25 000L/h	417L/minute
30m ³ /h	≈ 30 000L/h	500L/minute
40m ³ /h	≈ 40 000L/h	667L/minute

Pool size equipment recommendations

Toerusting aanbeveel volgens swembadgrootte.

Pool Size / Swembadgrootte	Pump / Pomp	Filter/Filter
30 000 to 55 000 lit	0.45 kW	2 Bag
50 000 to 85 000 lit	0.75 kW	3 Bag
80 000 to 190 000 lit	1.50 kW	4-7 Bag

Technical Data	BADU®Eco VSD Pro 18	BADU®Eco VSD Pro 20	BADU®Eco VSD Pro 23
Inlet/Outlet connection (Rp)2*	63/50	63/50	63/63
Inlet/Outlet pipe, PVC-pipe (d4*)	63/50	63/50	63/63
Default setting power input P1 (kW)	0.54	0.86	1.76
Default setting power output P2 (kW)	0.45	0.75	1.5
Default setting rated current (A)	2.08	3.9	13.3

DURBAN BRANCH

P.O. Box 267
Pinetown, 3600
Unit 1 & 2, Goodwood Park
10 Goodwood Road
Westmead, Pinetown, 3610
Tel: +27 31 700 8005
Fax: +27 31 700 8006

JOHANNESBURG BRANCH

P.O. Box 2425
Bedfordview, 2008
4 Bart Street
Wilbart
Germiston, 1609
Tel: +27 11 455 4300
Fax: +27 11 455 1949

HEAD OFFICE

CAPE TOWN BRANCH

P.O. Box 39340
Capricorn Square, 7948
Unit 7, Southern Cross Village
Capricorn Boulevard South
Capricorn Park
Muizenberg, 7945
Tel: +27 21 704 1143
Fax: +27 21 703 4374

PRETORIA BRANCH

P.O. Box 2425
Bedfordview, 2008
Unit 4, 123 Mosaic Street
Silvertondale, Pretoria, 0184
Tel: +27 12 804 1294
Fax: +27 12 804 1295

SPECK

speck-pumps.co.za

