

# Verderflex

## Vantage 3000 C EZ



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### Verderflex Vantage 3000 C EZ Specification

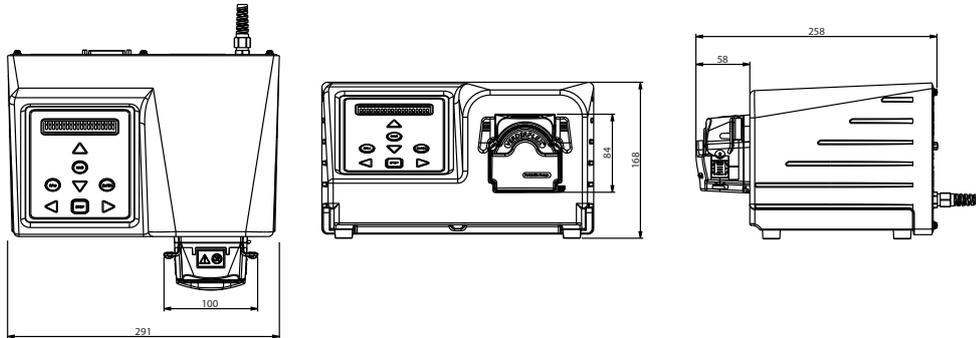
Pump head	Acetal and Polyamide, Stainless Steel Shafts, Nylatron® Rollers, Ball Race Bearings
Control Options	Analogue Inputs (0-10V DC / 4 to 20mA), Potentiometer (10kΩ), Remote Stop / Start / Reverse (Footswitch Option Available)
Software Features	Keypad Lock, Memory Dose
Display	2 Line Alphanumeric Display
Motor	24 Hour Duty Brushless DC
Rotor	Polycarbonate with Nylatron® Rollers
Power Supply	85 - 265V AC 50/60Hz with Fuseless Resettable Switch
Speed	10 to 250 RPM
Protection Class	IP66
Standard Tube	Verderprene, Silicone, Tygon®, Viton®
Tube Sizes	0.8 x 1.6mm, 1.6 x 1.6mm, 3.2 x 1.6mm, 4.8 x 1.6mm, 6.4 x 1.6mm and 8.0 x 1.6mm
Weight	4.5 kg
Number of Heads	Single Head Standard, expandable to 4 using ES Stacking Heads (depending on tube size)

### Flow Rates

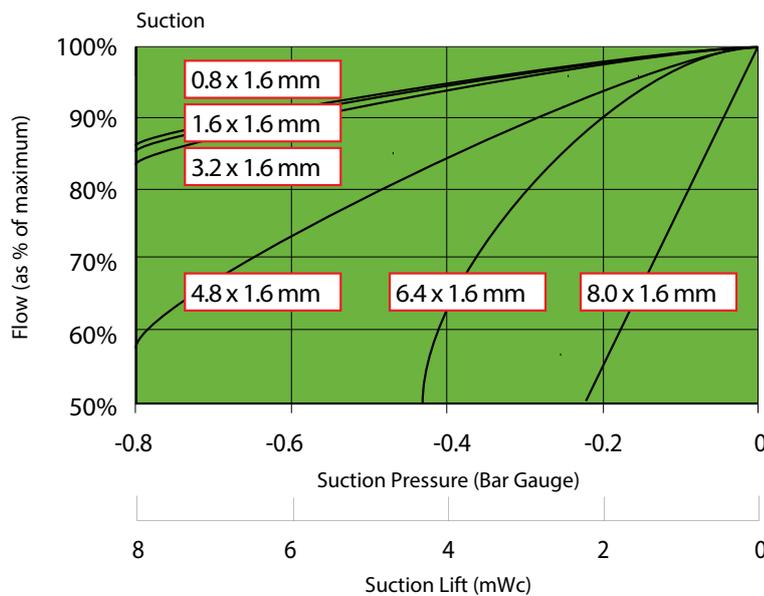
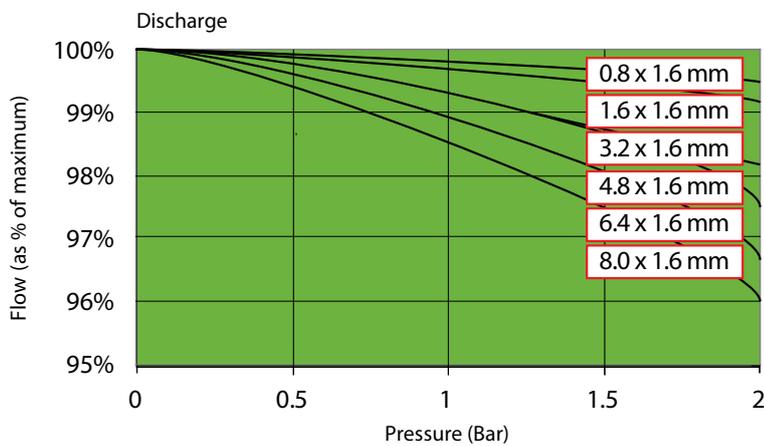
Tube (ID x WT)	RPM	Flow ml/min	Flow l/hr
0.8 x 1.6 mm	10	0.9	0.05
0.8 x 1.6 mm	75	5.6	0.34
0.8 x 1.6 mm	150	11.3	0.68
0.8 x 1.6 mm	250	18.8	1.13
1.6 x 1.6 mm	10	2.9	0.17
1.6 x 1.6 mm	75	21	1.3
1.6 x 1.6 mm	150	42	2.5
1.6 x 1.6 mm	250	70	4.2
3.2 x 1.6 mm	10	10.7	0.64
3.2 x 1.6 mm	75	81	4.9
3.2 x 1.6 mm	150	161	9.7
3.2 x 1.6 mm	250	268	16
4.8 x 1.6 mm	10	23.3	1.4
4.8 x 1.6 mm	75	175	10.5
4.8 x 1.6 mm	150	353	21.1
4.8 x 1.6 mm	250	588	35.3
6.4 x 1.6 mm	10	37.3	2.24
6.4 x 1.6 mm	75	282	16.9
6.4 x 1.6 mm	150	563	33.8
6.4 x 1.6 mm	250	938	56
8.0 x 1.6 mm	10	52.7	3.16
8.0 x 1.6 mm	75	393	23.6
8.0 x 1.6 mm	150	788	47.3
8.0 x 1.6 mm	250	1310	78.8

Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

# Verderflex Vantage 3000 C EZ



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## Vantage 3000 C R3i



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<b>Verderflex Vantage 3000 C R3i Specification</b>	
Pump head	Aluminium, Powder Coated, Perspex Front Cover
Control Options	Analogue Inputs (0-10V DC / 4 to 20mA), Potentiometer (10kΩ), Remote Stop / Start / Reverse (Footswitch)
Software Features	Keypad Lock, Memory Dose
Display	2 Line Alphanumeric Display
Motor	24 Hour Duty Brushless DC
Rotor	Anodised Aluminium Nylatron® Rollers
Power Supply	85 - 265V AC 50/60Hz with Fuseless Resettable Switch
Speed	10 to 250 RPM
Protection Class	IP66
Standard Tube	Verderprene, Silicone (Tygon®, Viton® : some sizes to special order)
Tube Sizes	6.4 x 3.2mm, 8.0 x 3.2mm, 9.6mm x 3.2mm
Weight	5 kg

### Flow Rates

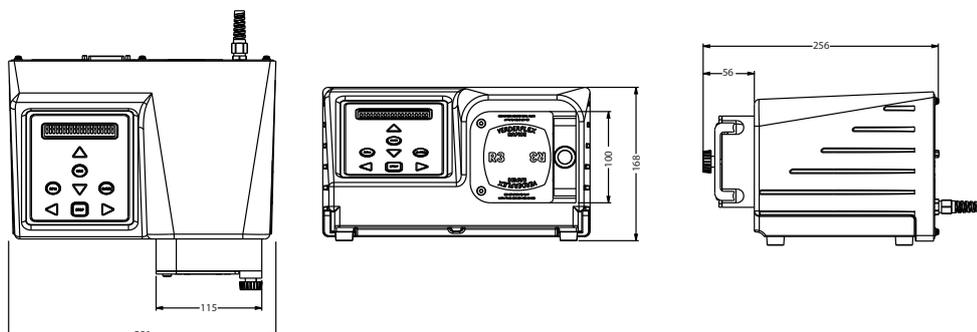
Tube (ID x WT)	RPM	Flow ml/min	Flow l/hr
6.4 x 3.2 mm	10	55	3.3
6.4 x 3.2 mm	120	660	39.6
6.4 x 3.2 mm	200	1100	66
6.4 x 3.2 mm	250	1375	82.5
8.0 x 3.2 mm	10	97	5.8
8.0 x 3.2 mm	120	1164	69.8
8.0 x 3.2 mm	200	1940	116.4
8.0 x 3.2 mm	250	2425	145
9.6 x 3.2 mm	10	130	7.8
9.6 x 3.2 mm	120	1560	93.6
9.6 x 3.2 mm	200	2600	156
9.6 x 3.2 mm	250	3250	195

Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

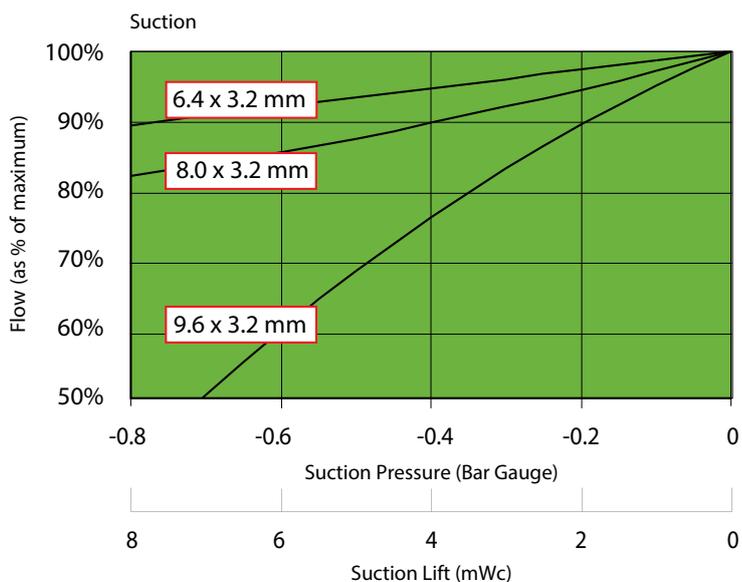
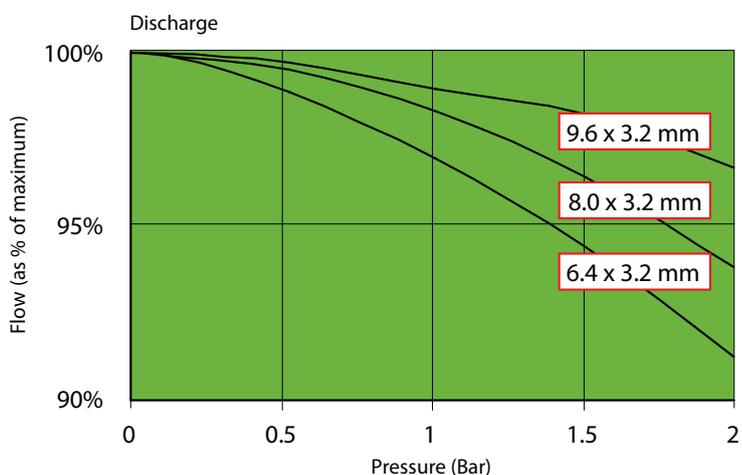


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## Vantage 3000 C R3i



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## Vantage 3000 C S10



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### Verderflex Vantage 3000 C S10 Specification

Pump head	Polyoxymethylene (POM) and Aluminium, Powder Coated with Polymethylmethacrylate (PMMA) Front Cover
Control Options	Analogue Inputs (0-10V DC / 4 to 20mA), Potentiometer (10kΩ), Remote Stop / Start / Reverse (Footswitch)
Software Features	Keypad Lock, Memory Dose
Display	2 Line Alphanumeric Display
Motor	24 Hour Duty Brushless DC
Rotor	Polyoxymethylene with Stainless Steel Rollers
Power Supply	85 - 265V AC 50/60Hz with Fuseless Resettable Switch
Speed	10 to 250 RPM
Protection Class	IP66
Standard Tube	Verderprene, Silicone
Tube Sizes	3.2 x 2.4mm, 4.8 x 2.4mm, 6.4 x 2.4mm, 8.0 x 2.4mm
Weight	5.5 kg
Number of Heads	Single Head Standard, Two to Special Order

### Flow Rates

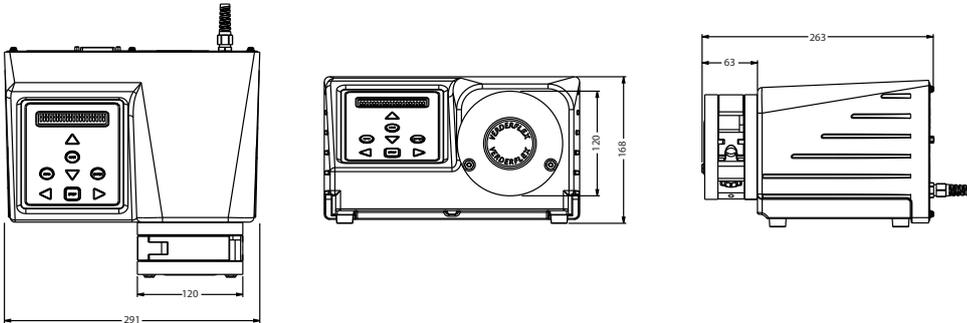
Tube (ID x WT)	RPM	Flow ml/min	Flow l/hr
3.2 x 2.4 mm	10	20	1.2
3.2 x 2.4 mm	120	240	14.4
3.2 x 2.4 mm	200	390	23.4
3.2 x 2.4 mm	250	469	28.1
4.8 x 2.4 mm	10	25	1.5
4.8 x 2.4 mm	120	370	22.2
4.8 x 2.4 mm	200	580	34.8
4.8 x 2.4 mm	250	729	43.8
6.4 x 2.4 mm	10	50	2.7
6.4 x 2.4 mm	120	500	32.4
6.4 x 2.4 mm	200	900	53.4
6.4 x 2.4 mm	250	1000	65.6
8.0 x 2.4 mm	10	80	4.8
8.0 x 2.4 mm	120	900	52.8
8.0 x 2.4 mm	200	1500	88.8
8.0 x 2.4 mm	250	1780	106.8

Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

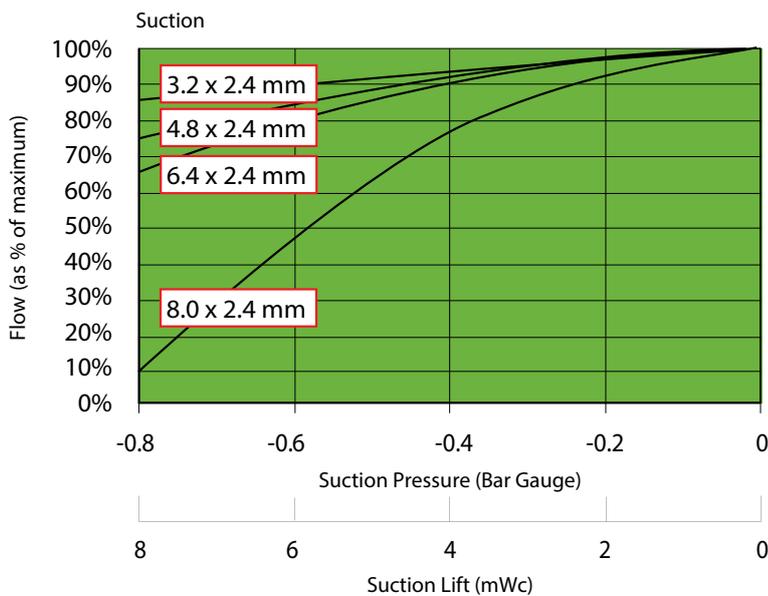
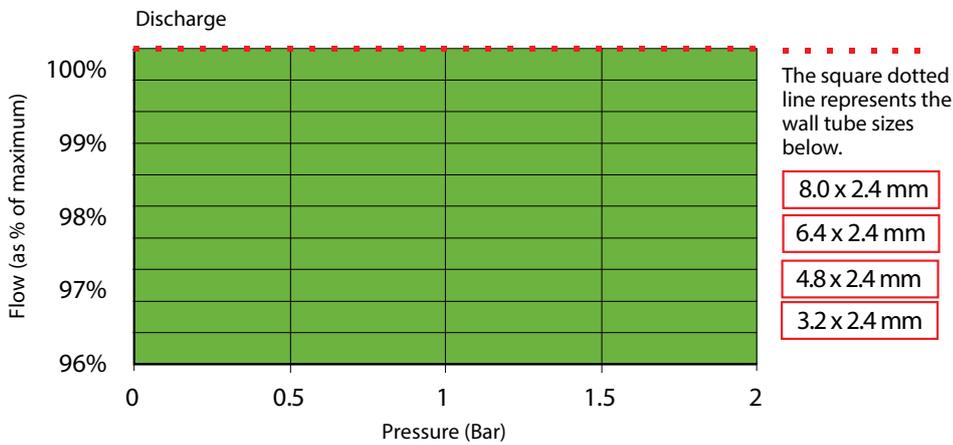


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## Vantage 3000 C S10



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## Vantage 3000 P EZ



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<b>Verderflex Vantage 3000 P EZ Specification</b>	
Pump head	Acetal and Polyamide, Stainless Steel Shafts, Nylatron® Rollers, Ball Race Bearings
Control Options	Analogue Inputs (0-10V DC / 4 to 20mA), Potentiometer (10kΩ), Remote Stop / Start / Reverse (Footswitch Option Available), Digital Interface (RS232)
Software Features	Keypad Lock, Memory Dose, Dispensing, 10 Program Memory Dose
Display	2 Line Alphanumeric Display
Motor	24 Hour Duty Brushless DC
Rotor	Polycarbonate with Nylatron® Rollers
Power Supply	85 - 265V AC 50/60Hz with Fuseless Resettable Switch
Speed	15 to 250 RPM
Protection Class	IP66
Standard Tube	Verderprene, Silicone, Tygon®, Viton®
Tube Sizes	0.8 x 1.6mm, 1.6 x 1.6mm, 3.2 x 1.6mm, 4.8 x 1.6mm, 6.4 x 1.6mm and 8.0 x 1.6mm
Weight	4.5 kg
Number of Heads	Single Head Standard, expandable to 4 using ES Stacking Heads (depending on tube size)

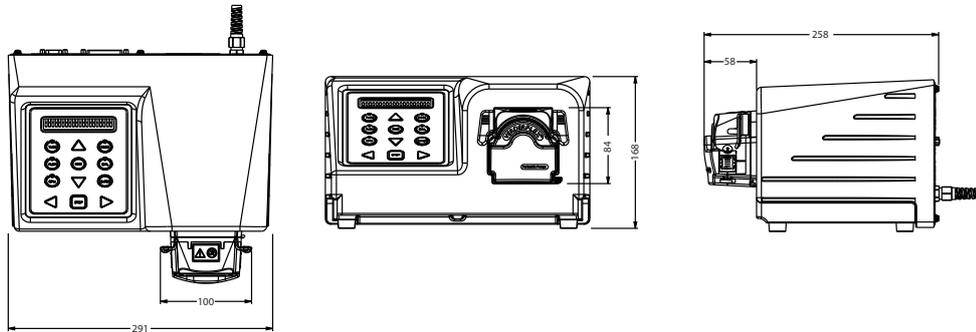
### Flow Rates

Tube (ID x WT)	RPM	Flow ml/min	Flow l/hr
0.8 x 1.6 mm	10	0.9	0.05
0.8 x 1.6 mm	75	5.6	0.34
0.8 x 1.6 mm	150	11.3	0.68
0.8 x 1.6 mm	250	18.8	1.13
1.6 x 1.6 mm	10	2.9	0.17
1.6 x 1.6 mm	75	21	1.3
1.6 x 1.6 mm	150	42	2.5
1.6 x 1.6 mm	250	70	4.2
3.2 x 1.6 mm	10	10.7	0.64
3.2 x 1.6 mm	75	81	4.9
3.2 x 1.6 mm	150	161	9.7
3.2 x 1.6 mm	250	268	16
4.8 x 1.6 mm	10	23.3	1.4
4.8 x 1.6 mm	75	175	10.5
4.8 x 1.6 mm	150	353	21.1
4.8 x 1.6 mm	250	588	35.3
6.4 x 1.6 mm	10	37.3	2.24
6.4 x 1.6 mm	75	282	16.9
6.4 x 1.6 mm	150	563	33.8
6.4 x 1.6 mm	250	938	56
8.0 x 1.6 mm	10	52.7	3.16
8.0 x 1.6 mm	75	393	23.6
8.0 x 1.6 mm	150	788	47.3
8.0 x 1.6 mm	250	1310	78.8

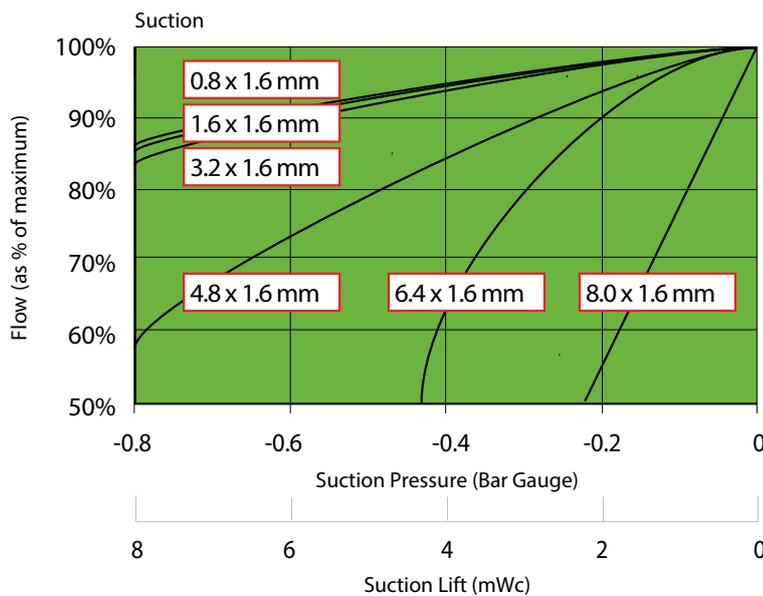
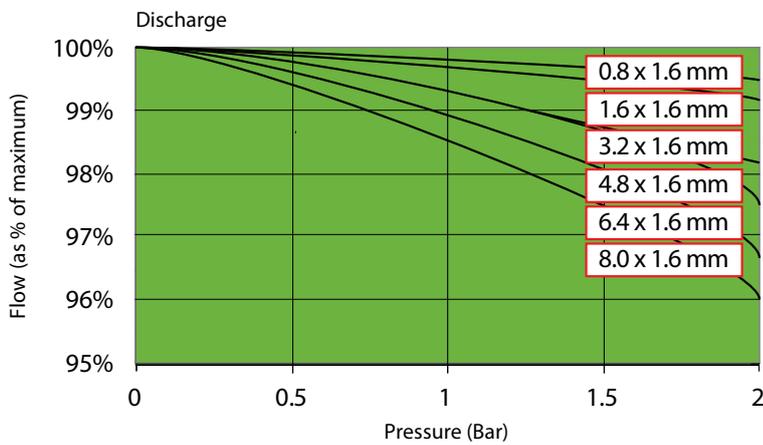
Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.



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## Vantage 3000 P R3i



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### Verderflex Vantage 3000 P R3i Specification

Pump head	Aluminium, Powder Coated, Perspex Front Cover
Control Options	Analogue Inputs (0-10V DC / 4 to 20mA), Potentiometer (10kΩ), Remote Stop / Start / Reverse (Footswitch Option Available) Digital Interface (RS232)
Software Features	Keypad Lock, Memory Dose, Dispensing, 10 Program Memory Dose
Display	2 Line Alphanumeric Display
Motor	24 Hour Duty Brushless DC
Rotor	Anodised Aluminium Nylatron® Rollers
Power Supply	85 - 265V AC 50/60Hz with Fuseless Resettable Switch
Speed	10 to 250 RPM
Protection Class	IP66
Standard Tube	Verderprene, Silicone (Tygon®, Viton® : some sizes to special order)
Tube Sizes	6.4 x 3.2mm, 8.0 x 3.2mm, 9.6mm x 3.2mm
Weight	5 kg

### Flow Rates

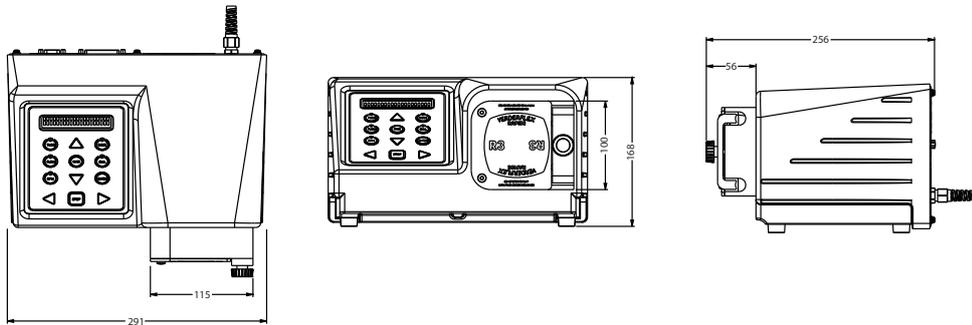
Tube (ID x WT)	RPM	Flow ml/min	Flow l/hr
6.4 x 3.2 mm	10	55	3.3
6.4 x 3.2 mm	120	660	39.6
6.4 x 3.2 mm	200	1100	66
6.4 x 3.2 mm	250	1375	82.5
8.0 x 3.2 mm	10	97	5.8
8.0 x 3.2 mm	120	1164	69.8
8.0 x 3.2 mm	200	1940	116.4
8.0 x 3.2 mm	250	2425	145
9.6 x 3.2 mm	10	130	7.8
9.6 x 3.2 mm	120	1560	93.6
9.6 x 3.2 mm	200	2600	156
9.6 x 3.2 mm	250	3250	195

Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

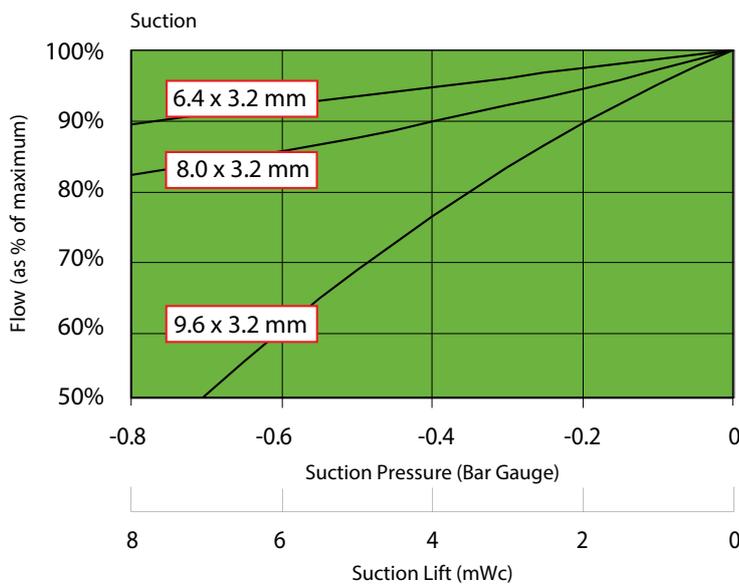
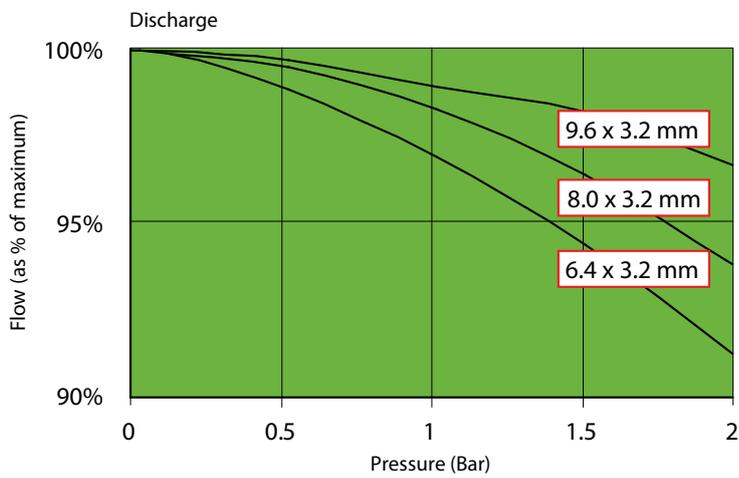


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## Vantage 3000 P S10



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### Verderflex Vantage 3000 P S10 Specification

Pump head	Polyoxymethylene (POM) and Aluminium, Powder Coated with Polymethylmethacrylate (PMMA) Front Cover
Control Options	Analogue Inputs (0-10V DC / 4 to 20mA), Potentiometer (10kΩ), Remote Stop / Start / Reverse (Footswitch) Digital Interface (RS232)
Software Features	Keypad Lock, Memory Dose, Dispensing, 10 Program Memory Dose
Display	2 Line Alphanumeric Display
Motor	24 Hour Duty Brushless DC
Rotor	Polyoxymethylene with Stainless Steel Rollers
Power Supply	85 - 265V AC 50/60Hz with Fuseless Resettable Switch
Speed	10 to 250 RPM
Protection Class	IP66
Standard Tube	Verderprene, Silicone
Tube Sizes	3.2 x 2.4mm, 4.8 x 2.4mm, 6.4 x 2.4mm, 8.0 x 2.4mm
Weight	5.5 kg
Number of Heads	Single Head Standard, Two to Special Order

### Flow Rates

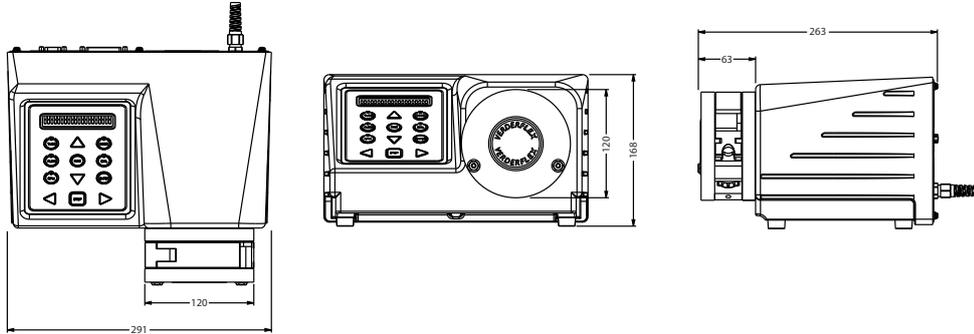
Tube (ID x WT)	RPM	Flow ml/min	Flow l/hr
3.2 x 2.4 mm	10	20	1.2
3.2 x 2.4 mm	120	240	14.4
3.2 x 2.4 mm	200	390	23.4
3.2 x 2.4 mm	250	469	28.1
4.8 x 2.4 mm	10	25	1.5
4.8 x 2.4 mm	120	370	22.2
4.8 x 2.4 mm	200	580	34.8
4.8 x 2.4 mm	250	729	43.8
6.4 x 2.4 mm	10	50	2.7
6.4 x 2.4 mm	120	500	32.4
6.4 x 2.4 mm	200	900	53.4
6.4 x 2.4 mm	250	1000	65.6
8.0 x 2.4 mm	10	80	4.8
8.0 x 2.4 mm	120	900	52.8
8.0 x 2.4 mm	200	1500	88.8
8.0 x 2.4 mm	250	1780	106.8

Flows are typical and were measured with water at 20°C with no suction lift or discharge pressure. Actual flows will vary according to suction conditions, discharge pressure and normal component production tolerances.

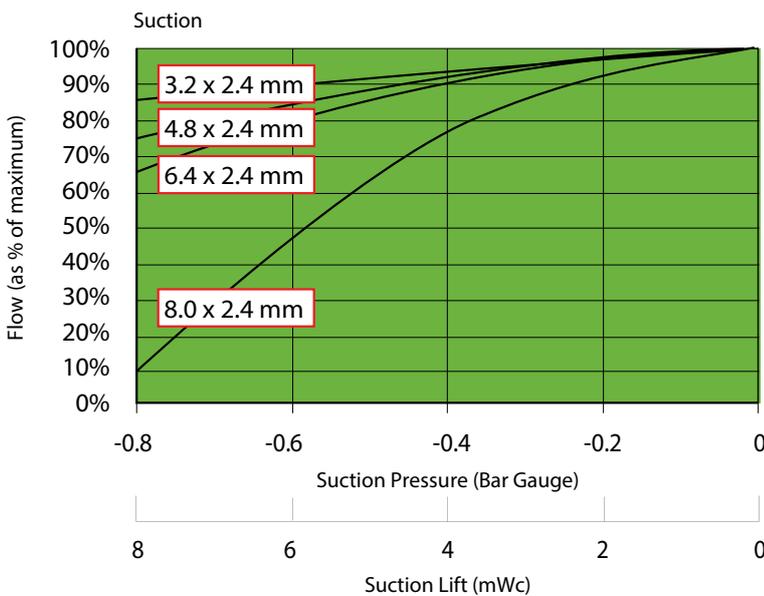
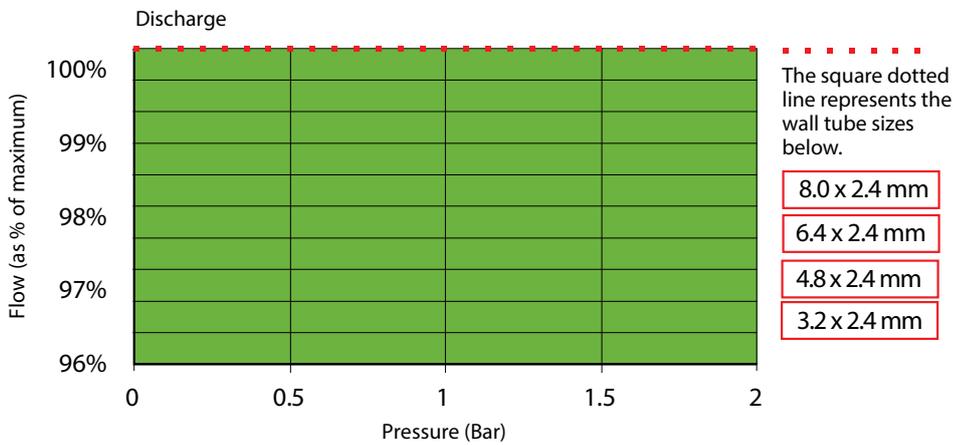


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## Vantage 3000 B EZ



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### Verderflex Vantage 3000 B EZ Specification

Pump head	Acetal and Polyamide, Stainless Steel Shafts, Nylatron® Rollers, Ball Race Bearings
Motor	Permanent Magnet with Long Life Brushed Motor
Rotor	Polycarbonate with Nylatron® Rollers
Power Supply	85 - 265V AC 50/60Hz with Fuseless Resettable Switch
Speed	15 to 150 RPM
Protection Class	IP40
Standard Tube	Verderprene, Silicone, Tygon®, Viton®
Tube Sizes	0.8 x 1.6mm, 1.6 x 1.6mm, 3.2 x 1.6mm, 4.8 x 1.6mm, 6.4 x 1.6mm and 8.0 x 1.6mm
Weight	4.5 kg
Number of Heads	Single Head

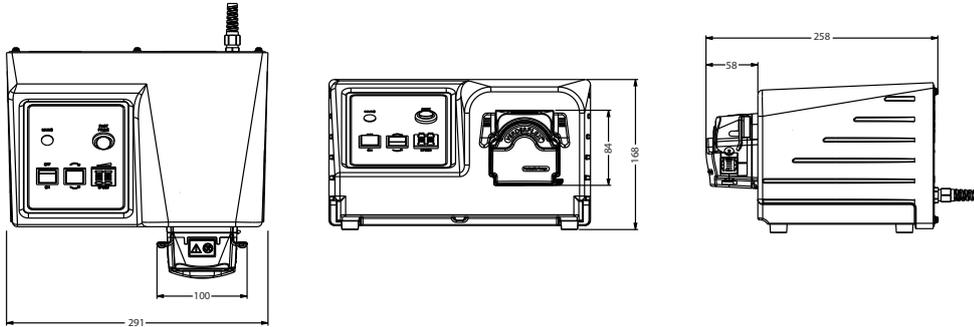
### Flow Rates

Tube (ID x WT)	RPM	Flow ml/min	Flow l/hr
0.8 x 1.6 mm	15	1.2	0.07
0.8 x 1.6 mm	30	2.3	0.14
0.8 x 1.6 mm	75	5.6	0.34
0.8 x 1.6 mm	150	11.3	0.68
1.6 x 1.6 mm	15	4.3	0.26
1.6 x 1.6 mm	30	9	0.5
1.6 x 1.6 mm	75	21	1.26
1.6 x 1.6 mm	150	42	2.5
3.2 x 1.6 mm	15	16	0.96
3.2 x 1.6 mm	30	32	1.9
3.2 x 1.6 mm	75	81	4.9
3.2 x 1.6 mm	150	161	9.7
4.8 x 1.6 mm	15	35	2.1
4.8 x 1.6 mm	30	70	4.2
4.8 x 1.6 mm	75	175	10.5
4.8 x 1.6 mm	150	353	21.1
6.4 x 1.6 mm	15	56	3.36
6.4 x 1.6 mm	30	113	6.8
6.4 x 1.6 mm	75	282	16.9
6.4 x 1.6 mm	150	563	33.8
8.0 x 1.6 mm	15	79	4.74
8.0 x 1.6 mm	30	158	9.5
8.0 x 1.6 mm	75	393	23.6
8.0 x 1.6 mm	150	788	47.3

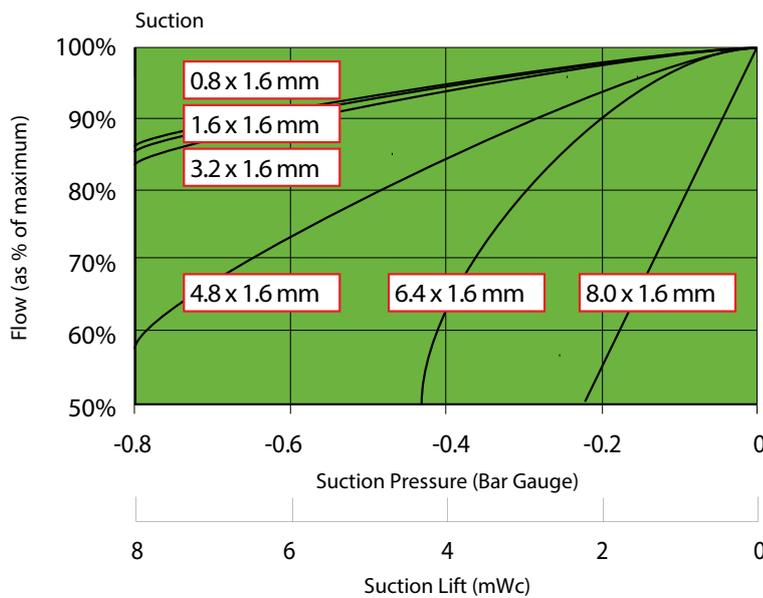
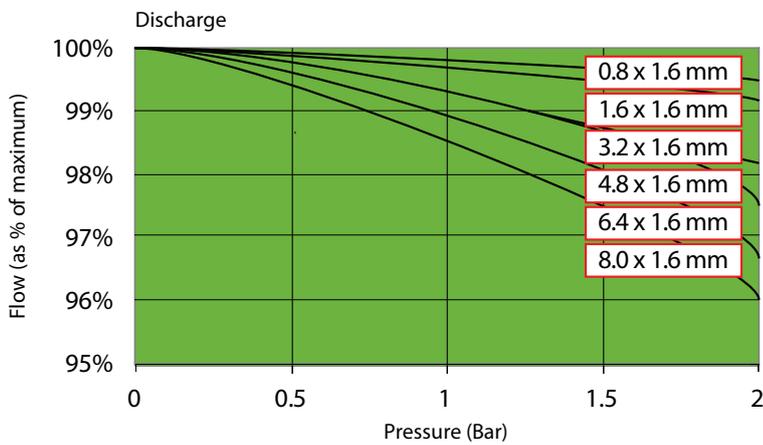
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