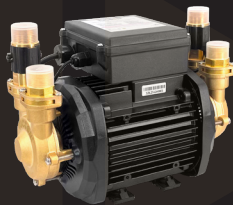


TUCSON[®]

MARK VITOW[™]

**Exclusive distributor of Tucson Pumps
to Plumbing and Heating Merchants.**



INNOVATIVE PUMPING SOLUTIONS

Since 2005

TUCSON[®]

Pumps

TUCSON
PUMPS



Innovative Pumping Solutions Since 2005.

When it comes to pumps, reliability is key. You don't have time for callbacks, and your clients expect the job done right the first time, no excuses. Tucson has been delivering innovative, hassle-free pumping solutions since 2005, giving you reliable performance with every install. Tucson Pumps are built to make your life easier, save time, and keep everything running like clockwork.

Since 2005, we've been making installs smoother. Our no-nonsense range of pumps are a breeze to install, and engineered using quality components so you can fit and forget, then get on with the rest of your day.

Need help? With our in-house after-sales support, you're never left hanging. Whether you need help on-site, training, or just some advice, our team of qualified plumbers are ready to back you up. And with most pumps covered by a solid 3-year guarantee when registered online, you can install with confidence, knowing you're covered.

Whether it's a domestic job or a light commercial installation, Tucson provides a solution that's built to perform flawlessly every time. Supported by the trusted Instantor name, it's more than just a pump - it's a dependable partner for every project you take on.





TUCSON
Pumps

3 YEAR WARRANTY

Tucson Cast Iron Circulating Pumps



5m & 6m
Circulating Pump



8m Circulating Pump

ErP
COMPLIANT

Product Components

- Tucson Circulating Pump x1
- Terminal x1
- Rubber gasket x2

Features

- Quick & easy to install
- User-friendly control panel
- Suitable for domestic & light commercial applications
- Robust construction
- Compact size
- 3 years manufacturers warranty

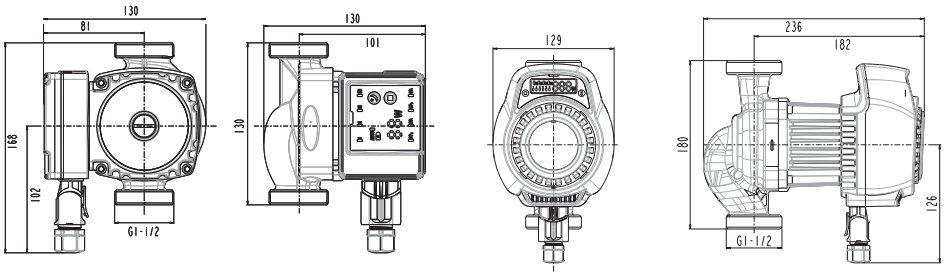
CODE	PRODUCT
771903	5 Metre Head
771904	6 Metre Head
771902	8 Metre Head

Technical Data

	5m & 6m	8m
Voltage	Single Phase, 230 volts +/-10%	Single Phase, 230 volts +/-10%
Frequency	50 Hz	50 Hz
Speed	1 to 3 + Auto	1 to 6 + Auto
Insulation Class	F	F
Operating Environment Temperature	5°C to 40°C	5°C to 40°C
Min and Max Fluid Temperature	5°C to 95°C	5°C to 95°C
Max Working Pressure	10 Bar	10 Bar
Min Working Pressure	0.05 Bar @ 50°C	0.05 Bar @ 50°C
Flowrate Range	up to 51.6 L/Min for 5m and 59 L/min for 6m	Up to 150 L/min
Ingress Protection Rating	IP44	IP44
Flange Threaded Connection	1 1/2" BSP/G 1 1/2	1 1/2" BSP/G 1 1/2
Volute / Manifold Material	Cast Iron	Cast Iron
Volute Coating Material	Electrophoresis	Electrophoresis
Pump Weight	2.35kg	3.6kg

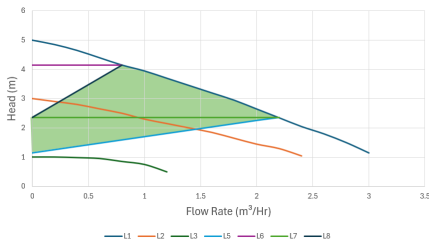
Pump Dimensions

5m & 6m Circulating Pump

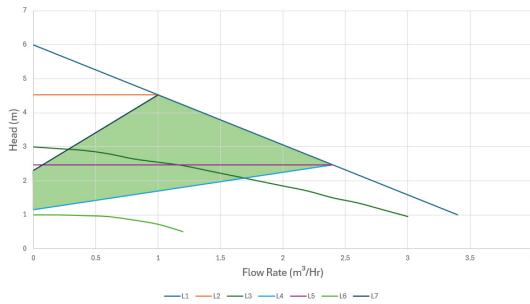


Dimensions in mm

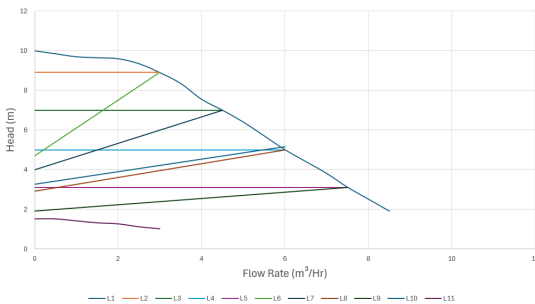
Performance Data



5m Circulating Pump



6m Circulating Pump



8m Circulating Pump

3 YEAR WARRANTY

Tucson Contract Circulating Pump



CODE	PRODUCT
772175	Tucson Contract 6 Metre Head

ErP
COMPLIANT

Tucson Contract 6m Circulating Pump

Product Components

- GBP Flo Circulating Pump x1
- Terminal x1
- Rubber gasket x2

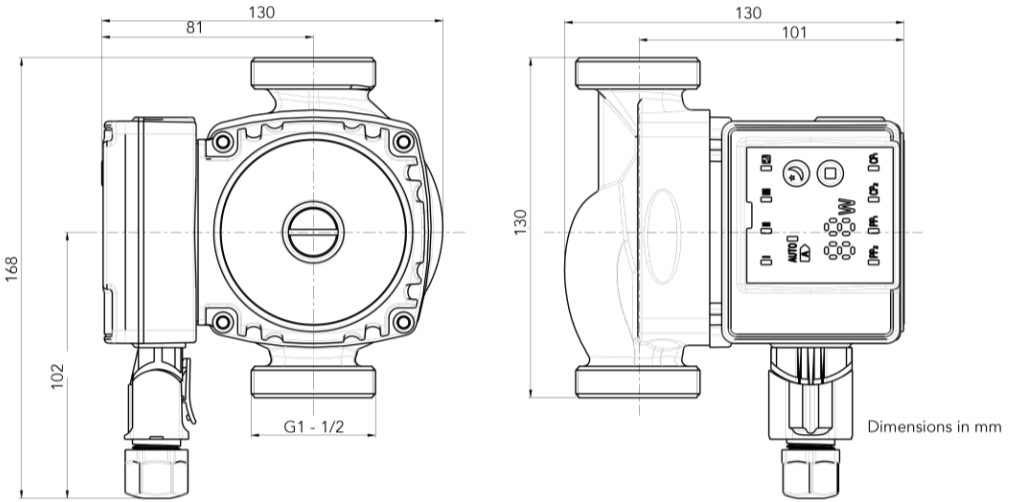
Features

- Quick & easy to install
- User-friendly control panel
- Suitable for domestic & light commercial applications
- Robust construction
- Compact size
- 3 years manufacturers warranty

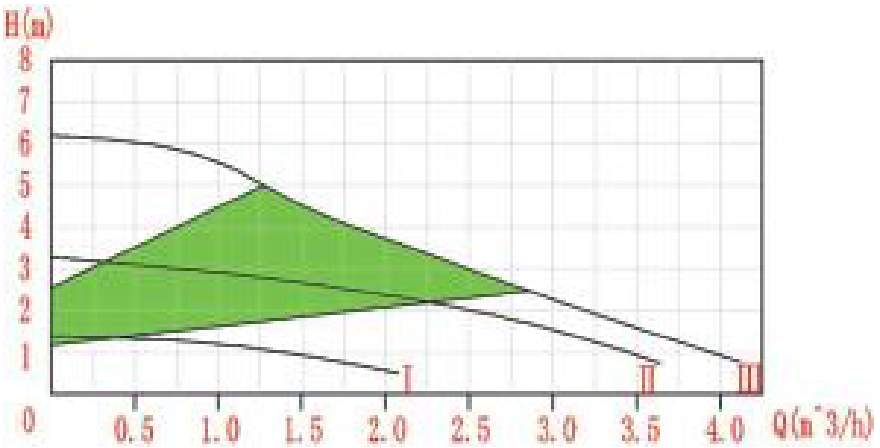
Technical Data

	GB FLO
Voltage	230V
Frequency	50 Hz
Insulation Class	F
Operating Environment Temperature	5°C to 40°C
Min and Max Fluid Temperature	5°C to 95°C
Max Working Pressure	10 Bar
Min Working Pressure	0.05 Bar @ 50°C
Ingress Protection Rating	IP44
Threaded Connection	1 1/2" BSP/G 11/2
Volute / Manifold Material	Cast Iron
Volute Coating Material	Electrophoresis
Pump Weight	2.35kg

Pump Dimensions



Performance Data



1 YEAR WARRANTY

Tucson

Universal Pump Head Replacement



ErP
COMPLIANT

Product Components

- Universal Pump Head Replacement x1
- Replacement flange O-ring x2
- Assembly Stud x4
- AC power cable (stripped end) x1
- IP Rated terminal block x1
- Quick-fit AC power cable adaptor x1
- PWM cable connectors (Wilco® & Grundfos® compatible)

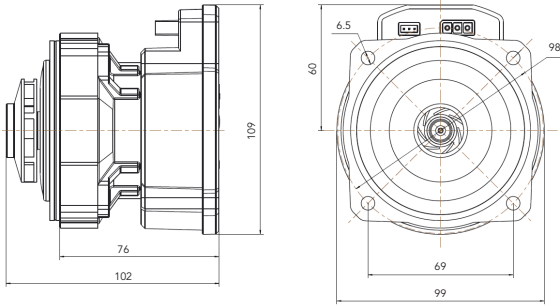
Features

- High performance modulating pump
- Optional pulse width modulation (PWM)
- Simple & easy retro-fit in most applications
- Easy set up to maximise boiler efficiency
- 1 year manufacturers warranty

CODE	PRODUCT
771928A	Uni Pump Head Replacement Kit (includes Wilco® PWM adaptor cable)
771929A	Uni Pump Head Replacement Kit (includes Grundfos® PWM adaptor cable)

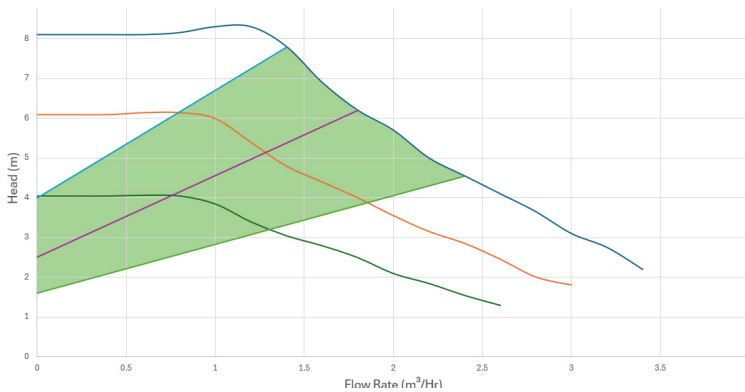
TUCSON PUMPS®

Pump Dimensions



Dimensions in mm

Performance Data



Technical Data

	UNI PUMP
Pump Head Pressure Range	4-8m
Voltage/Frequency	230V / 50Hz
Flowrate Range up to	31.6 L/min
Pumped Liquid Temperature Range	+2°C - 110°C
Operating Environment Temperature	0°C - 40°C
Relative Ambient Humidity	95%
Maximum System Pressure	10 bar
Ingress Protection Rating	IP44
Decibel Rating	43dB
Ingress Protection Rating	IP44
Insulation Class	F
Pump Weight	1.1kg

3 YEAR WARRANTY

Equinox

Positive Head Shower Pumps

Twin Impeller

TUCSON PUMPS®



Product Components

- Equinox Shower Pump x1
- 22mm stainless steel flexible hoses with aluminium lever isolating compression valves x4
- Anti-vibration base mat x1

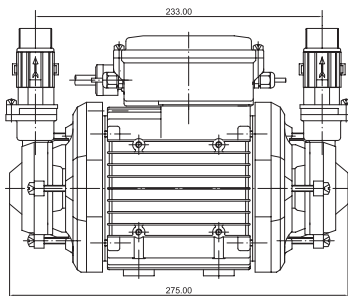
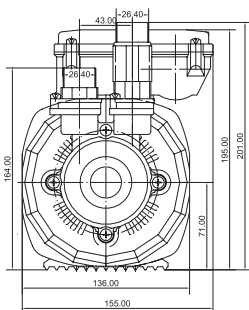
Features

- Brass Body Material - CW617N
- Robust and compact design
- 304 Stainless steel flexible hoses
- Compression fittings with thumb valve
- Powerful and efficient induction motor
- Carbon-Silicone-Carbide mechanical seals
- EPDM housing O rings & washers
- Quiet operation of less than 66 dB @5m
- 1.5 metre of pre-wired motor cable
- Easy to install and operate
- Auto reset thermal switch
- Continuous (S1) rated design
- 3 years manufacturer's warranty

CODE	PRODUCT
771932	2 Bar Positive Head (22mm Metric Connections)
771959	3 Bar Positive Head (22mm Metric Connections)
771934	4 Bar Positive Head (22mm Metric Connections)

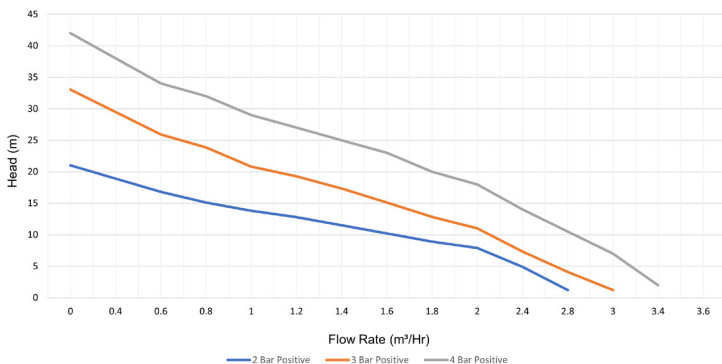


Pump Dimensions



Dimensions in mm

Performance Data



Technical Data

	2 BAR POSITIVE	3 BAR POSITIVE	4 BAR POSITIVE
Rate Voltage/Frequency	230V/50Hz	230V/50Hz	230V/50Hz
Rated Power Input P1	500 Watt	670 Watt	900 Watt
Rated Current Input (A)	2.2A	3A	3A
Fuse (Amps)	Fuse 7A	Fuse 10A	Fuse 10A
Electrical Class (I, II or III)	Class I	Class I	Class I
Ingress Protection Rating	IP44	IP44	IP44
Maximum Head	Hmax 21m	Hmax 32m	Hmax 42m
Maximum Inlet Head	8m	8m	8m
Minimum Inlet Head	0.5m	0.5m	0.5m
Qmax (Flowrate) L/Min	Qmax 47L/min	Qmax 53L/min	Qmax 57L/min
Pump Duty	Continuous (S1)	Continuous (S1)	Continuous (S1)
Capacitor Rating/Spec	CAP 12µF/450V S2	CAP 12µF/450V S2	CAP 12µF/450V S2
Insulation Class (F)	Class 155(F)	Class 155(F)	Class 155(F)
Motor Speed (P/µm)	2900 R/µm	2900 R/µm	2900 R/µm
Max Ambient Temperature (AMB -°C)	AMB 40°C	AMB 40°C	AMB 40°C
Max water temperature (°C)	Max 65°C	Max 65°C	Max 65°C
Acoustic Noise (dB)	<66 dB	<66 dB	<66 dB
Pump Weight	7.5Kg	10.3Kg	9Kg

3 YEAR WARRANTY

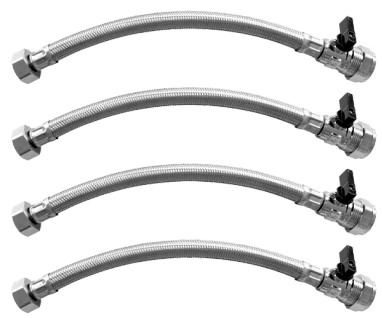
TUCSON PUMPS®



Equinox

Universal Head Shower Pumps

Twin Impeller



Product Components

- Equinox Shower Pump x1
- 22mm stainless steel flexible hoses with aluminium lever isolating compression valves x4
- Anti-vibration base mat x1

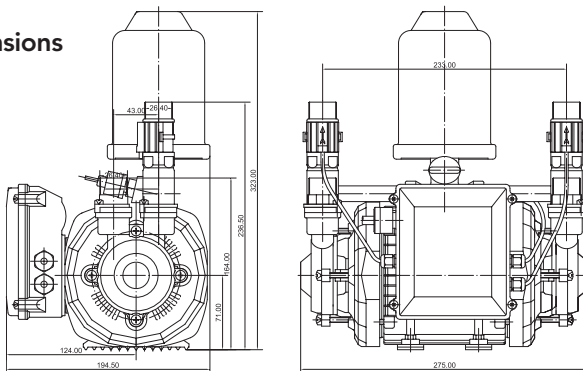
Features

- Brass Body Material - CW617N
- Robust and compact design
- 304 Stainless steel flexible hoses
- Compression fittings with thumb valve
- Powerful and efficient induction motor
- Carbon-Silicone-Carbide mechanical seals
- EPDM housing O rings & washers
- Quiet operation of less than 66 dB @5m
- 1.5 metre of pre-wired motor cable
- Easy to install and operate
- Auto reset thermal switch
- Continuous (S1) rated design
- 3 years manufacturer's warranty

CODE	PRODUCT
771933	2 Bar Universal Head (22mm Metric Connections)
771960	3 Bar Universal Head (22mm Metric Connections)
771935	4 Bar Universal Head (22mm Metric Connections)

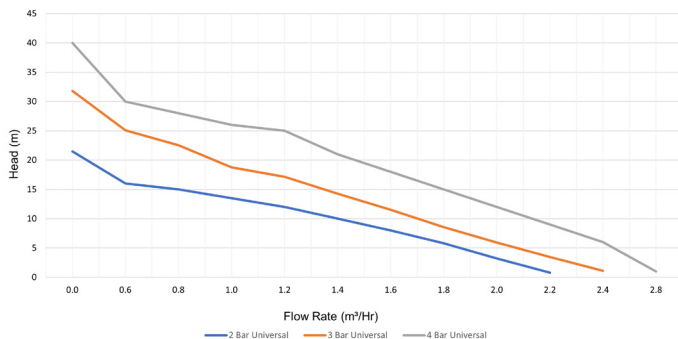


Pump Dimensions



Dimensions in mm

Performance Data



Technical Data

	2 BAR UNIVERSAL	3 BAR UNIVERSAL	4 BAR UNIVERSAL
Rate Voltage/Frequency	230V/50Hz	230V/50Hz	230V/50Hz
Rated Power Input P1	500 Watt	670 Watt	900 Watt
Rated Current Input (A)	2.2A	3A	3.6A
Fuse (Amps)	Fuse 7A	Fuse 10A	Fuse 10A
Electrical Class (I, II or III)	Class I	Class I	Class I
Ingress Protection Rating	IP44	IP44	IP44
Maximum Head	Hmax 21m	Hmax 32m	Hmax 40m
Maximum Inlet Head	12m	12m	12m
Minimum Inlet Head	0.5m	0.5m	0.5m
Qmax (Flowrate) L/Min	Qmax 37L/min	Qmax 40L/min	Qmax 46L/min
Pump Duty	Continuous (S1)	Continuous (S1)	Continuous (S1)
Capacitor Rating/Spec	CAP 12µF/450V S2	CAP 12µF/450V S2	CAP 12µF/450V S2
Insulation Class (F)	Class 155(F)	Class 155(F)	Class 155(F)
Motor Speed (P/pm)	2900 R/pm	2900 R/pm	2900 R/pm
Max Ambient Temperature (AMB -°C)	AMB 40°C	AMB 40°C	AMB 40°C
Max water temperature (°C)	Max 65°C	Max 65°C	Max 65°C
Acoustic Noise (dB)	<66 dB	<66 dB	<66 dB
Pump Weight	9Kg	11.5Kg	10.2Kg

3 YEAR WARRANTY

MetaBoost Constant Speed Booster Pumps



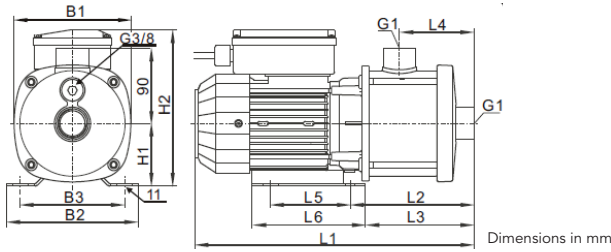
TUCSON PUMPS®

Features

- Easy to install and operate
- Utilises dry run protection
- Utilises an integrated flow switch, pressure switch & non-return valve
- Adjustable start-up pressure controller
- High-performance air-cooled motor housing
- Automatic multistage centrifugal pumping system
- Suitable for domestic & light commercial applications
- Robust construction with stainless steel bodied pump
- Quiet operation, less than 45 dB at five meters distance
- 3 years manufacturers warranty

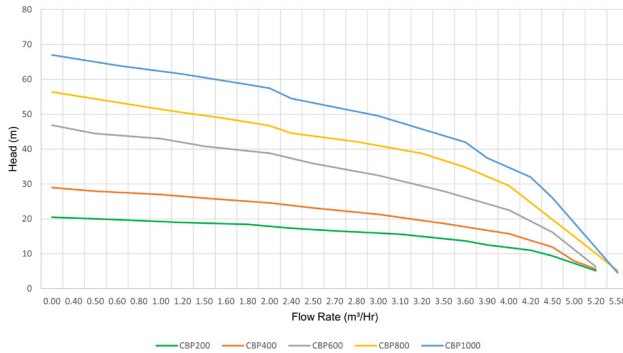
CODE	PRODUCT
771924	CBP400
771925	CBP600
771926	CBP800
771927	CBP1000

Pump Dimensions



Model	B1	B2	B3	H1	H2	L1	L2	L3	L4	L5	L6	G1
CBP400	140	158	125	75	174	318	131	131	72	96	136	1"FI BSP
CBP600	140	158	125	75	187	383	167	143	108	96	136	1"FI BSP
CBP800	140	158	125	75	200	416	203	179	144	96	155	1"FI BSP
CBP1000	140	158	125	75	200	416	203	179	144	96	155	1"FI BSP

Performance Data



Technical Data

	CBP400	CBP600	CBP800	CBP1000
Motor Size	½ HP / 370 Watt	¾ HP / 550 Watt	1 HP / 750 Watt	1.33 HP / 1000 Watt
Motor Type	Induction	Induction	Induction	Induction
Maximum Head	29m	47m	56m	67m
Maximum Flowrate	84 L/min	87 L/min	92 L/min	92L/min
Rated Head	21m	32m	39m	42m
Rated Flowrate	49 L/min	50 L/min	53 L/min	60L/min
Max Fluid Temperature	50°C	50°C	50°C	50°C
Operating Environment Temperature	5 - 50°C	5 - 50°C	5 - 50°C	5 - 50°C
Ingress Protection Rating	IP55	IP55	IP55	IP55
Controller Waterproof Rating	IP65	IP65	IP65	IP65
Controller Maximum Operating Pressure	10 Bar	10 Bar	10 Bar	10 Bar
Insulation Class	F	F	F	F
Pump Weight	9.2 Kg	10.2 Kg	11.2 Kg	12.2kg
Inlet & Outlet Connection Sizing	1" FI BSP/G1 & 1" MI BSP/G1			

3 YEAR WARRANTY

Tucson Bronze Volute Circulating Pump



TUCSON PUMPS®

ErP
COMPLIANT

Product Components

- AC power cable (stripped end) x1
- Rubber Gaskets

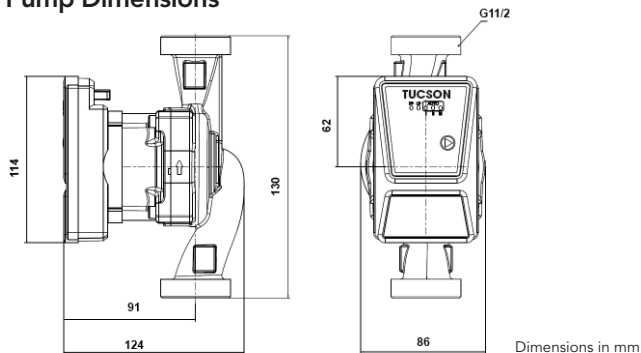
Features

- Suitable for Secondary-Return applications
- Quick & easy to install
- Robust construction
- Compact design dimensions
- Reduced weight design
- 3 years manufacturers warranty
- Plug & play cabling
- TF value of 110°C

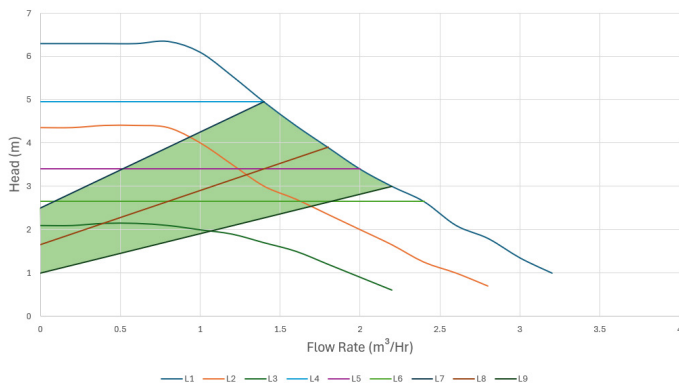
CODE	PRODUCT
771917K	6 Metre Head

General notes - ErP (ecological design) Directive
 The benchmark for the most efficient circulators is
 EEI ≤ 0.20 Part 2

Pump Dimensions



Performance Data



Technical Data

	6M
Voltage/Frequency	230V / 50Hz
Insulation Class	F
Pump Control Settings	Constant Speed 1-6 Constant Pressure 1-6 Proportional Pressure 1-6 Eco / Auto Setting
Operating Environment Temperature	0°C to 40°C
Min & Max Fluid Temperature	2°C to 110°C
Maximum Working Pressure	10 bar
Minimum Working Pressure	0.05 Bar @ 75°C
Flowrate Range	Up to 53.3 L/min
Ingress Protection Rating	IP44
Motor Housing Material	YL102
Flange Threaded Connection	1 1/2" BSP/G 11/2
Volute / Manifold Material	Bronze
Pump Weight	1.6kg

3 YEAR WARRANTY

Tucson

OB Circulating Pump with PWM Control



ErP
COMPLIANT



Product Components

- AC power cable (stripped end) x1
- AC power cable adaptor (Grundfos® Compatible Connection) x1
- AC power cable adaptor (Wilco® Compatible Connection) x1
- PWM cable adaptor (Grundfos® compatible) x1
- PWM cable adaptor (Wilco® Compatible) x1
- Rubber Gaskets x2

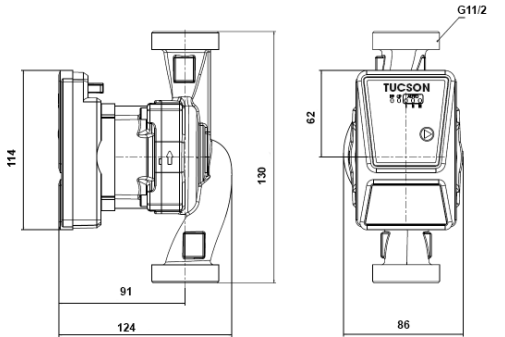
Features

- Domestic & light commercial applications
- Robust construction
- Compact design dimensions
- Reduced weight design
- Easy installation
- 3 years manufacturers warranty
- Plug & play cabling
- Pulse Width Modulation (PWM) terminal
- Boiler retro-fit friendly
- TF value of 110°C

CODE	PRODUCT
771946	6m Head OB Circulating Pump
771947	8m Head OB Circulating Pump

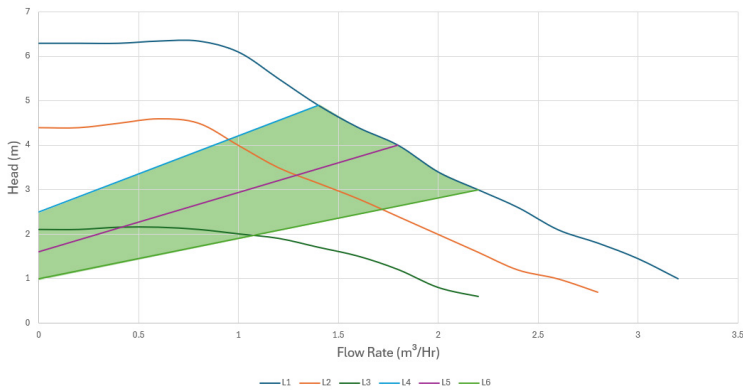
TUCSON PUMPS®

Pump Dimensions



Dimensions in mm

Performance Data



Technical Data

	6M	8M
Voltage/Frequency	Single Phase, 230V	Single Phase, 230v
Frequency	50Hz	50Hz
Insulation Class	F	F
Operating Environment Temperature	0°C - 40°C	0°C - 40°C
Min & Max Fluid Temperature	2°C -110°C	2°C -110°C
Maximum Working Pressure	10 bar	10 bar
Minimum Working Pressure	0.05 bar @ 75°C	0.05 bar @ 75°C
Flowrate Range	Up to 53.3 L/min	Up to 58.8 L/min
Ingress Protection Rating	IP44	IP44
Flange Threaded Connection	1½" BSP/G 1½	1½" BSP/G 1½
Pump Weight	1.6kg	1.6kg

3 YEAR WARRANTY

MetaBoost MBP35 Modulating Booster Pump



TUCSON PUMPS®

Product Components

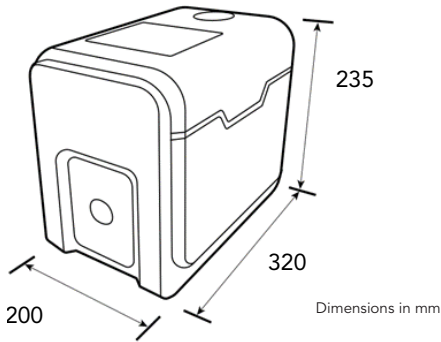
- 1" 304 stainless steel mesh filter
- 1" FI x MI brass adaptor bushing
- Spare O-ring seal set

Features

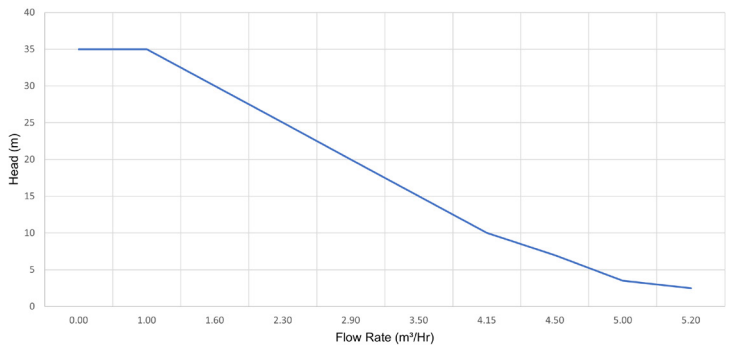
- Produces a maximum pressure of 3.5 Bar
- Maximum unrestricted flow rate of up to 70 litres per minute
- Demand responsive unit designed for domestic & light commercial pumping applications
- 304 stainless steel chamber & connection points
- Powerful 400-Watt variable speed motor
- Automatic pressure controlling interface setting
- Locked-rotor protection function
- Over-voltage protection function
- High-temperature warning
- Dry run protection
- Water leakage protection
- 3 years manufacturer's warranty

CODE	PRODUCT
771906	MBP35

Pump Dimensions



Performance Data



Technical Data

	MBP35
Motor Size	0.5 HP / 400 Watt
Voltage/Frequency	230V / 50Hz
Maximum Head	35m
Maximum Flowrate	86 L/min
Rated Head	25m
Rated Flowrate	38 L/min
Max Fluid Temperature	45°C
Operating Environment Temperature	5 - 50°C
Ingress Protection Rating	IP44
Insulation Class	F
Pump Weight	9.5Kg
Inlet & Outlet Connection Sizing	1" FI BSP/G1

**MARK
VITOW™**

**Exclusive distributor of Tucson Pumps to Plumbing
and Heating Merchants.**

online.markvitow.com | sales@markvitow.com | 020 8207 3784