



MULTIBOOST

Brochure 2019

Packaged Solution for
Boosting Water Pressure



The MULTIBOOST Range



Boost Water Pressure & Flow



Compact Design



Quiet & Reliable



Ease of Installation



Dry Run Protection

Applications Include:

 Domestic

 Commercial

 Agricultural

 Industrial

 Municipal

› Need to boost your water pressure?

There are many reasons for experiencing low water pressure problems including high demand, location and shared supply. The Multiboost range is a self-contained cold water booster set specifically designed for use in domestic and light commercial properties where existing water pressure and flow is insufficient to meet demand. The range caters for all space and storage capacity requirements.

› Why do I need a tank and a pump?

To increase water flow there must first be more water. If your mains is not delivering, then you need a break tank to store your own water supply, ready for when you need it. This can then be pumped to your outlets on demand giving you sufficient water pressure and supply.

› Why can't I just fit a pump onto the mains?

Water Authority by-laws prevent a pump being directly connected to the mains supply, so when your mains water pressure needs a boost, a break tank must be incorporated into the system. There is an exemption for pumps up to 12 L/min but this is not guaranteed and relies on your mains being capable of delivering this volume. To put this into context, a single shower typically requires between 9-15 L/min.

› Will it be noisy?

All pumps create noise, but by incorporating an ultra-quiet running submersible pump within a tank unit, this means that the Multiboost range is about as quiet as you can get in the market.

› Is it easy to install?

Our all-in-one tank and pump unit is designed to remove the headache for your installer. It is a packaged unit and therefore is fast and easy to install.

› What extra products are available for the Multiboost?

EPS has a number of installation jackets and drip trays available to compliment the product range.

› Where am I going to put it?

The Multiboost range has been designed to provide the end user with a variety of options in terms of water storage, usage requirements and maximising space. Typical installation areas include garages, plant rooms, utility rooms and basements. These units are to be installed in a safe and secure manner. The use of drip trays is highly recommended.

› What is the difference between the fixed speed and the variable speed version?

The fixed speed version has an adjustable pump controller that ensures you always have a minimum set pressure to your outlets. As demand increases, the pressure will reduce as this is a characteristic of a fixed speed unit.

The variable speed version has an intelligent pump controller that will supply a smooth flow of water to every outlet by maintaining a constant pressure throughout your property, speeding up and slowing down the pump to suit demand. This ensures efficient operation of the pump leading to reduced energy consumption.

› What size property will this supply?

The Multiboost range is scalable and additional capacity can be added for large properties or those with particularly poor incoming flow rates. We have designed the range to fit in all domestic and commercial properties (incoming flow rate and required usage must be taken into consideration). If you have a weak incoming water supply, yet a high demand for water, you also have the option to link a slave tank to ensure you have enough stored water to meet demand.

› What if my tank runs out of water?

The controller will turn off the pump if there is no water in the tank. It will automatically reset after a short delay allowing the water volume in the tank to recover. This pump protection feature ensures a long and happy life for the pump.

Disclaimer: We reserve the right to change specifications at any time without prior notice.

Multiboost Compact: 125L

The Multiboost Compact has been specifically designed for smaller properties with low water pressure and flow and where space is at a premium i.e. apartments/townhouses. Fitting into the space of a standard kitchen unit, the Multiboost Compact is a similar size to a compact washing machine, so can be hidden away behind a cupboard door. The electronic controller automatically starts and stops the pump when a drop in pressure is sensed i.e. a tap is opened and closed.

Key Features

- › Non-corrosive holding tank (WRAS approved material)
- › Pre-fitted WRAS approved fill valve
- › Integral overflow weir
- › Overflow connection
- › Optional tank drain-off fitting
- › Adjustable LED digital display flow controller
- › Dry run protection with auto restart (time delay)
- › Minimum installation required



Fill Valve



Variable Speed Option

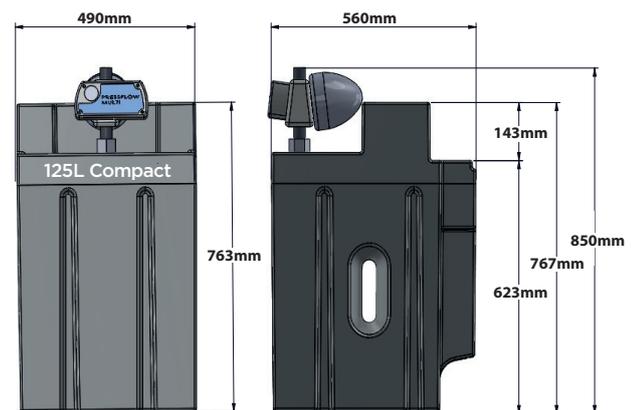
Range Options

| Product Code | Model |
|--------------|------------------------------------|
| 1019648 | 125L Compact Fixed Speed |
| 1019649 | 125L Compact Variable Speed |
| 1028178 | 125L Compact Fixed Speed Auto Tech |

System Connections

| Connection | Size |
|------------|---------|
| Inlet* | ¾" BSP |
| Outlet | 1" BSP |
| Overflow | 1¼" BSP |
| Drain Off | 1" BSP |

*Bypass unit recommended to be fitted on inlet supply



| | Fixed Speed Option | Variable Speed Option |
|--------------------------|--|--|
| Power supply | 240 volt, 50Hz | 240 volt, 50Hz |
| Pump | Pedrollo Top Multi 2 (240 volt) | Pedrollo Nkm 2/4 GE-N (240 volt) |
| Controller | Presflo1.5 supplied with 2L pressure vessel | Steadypres M/M 8.5amp (D01141091) |
| Current Input | 3.4 amp | 6 amp |
| Mains Power Cable | 2mtr x 1mm ² 3 core | 2mtr x 1mm ² 3 core |
| Pump dB Rating (approx.) | <65dB | <65dB |
| Tank Weight Empty | 30 kg | 34 kg |
| Tank Weight Full | 1L of water = 1 kg plus weight of empty tank | 1L of water = 1 kg plus weight of empty tank |
| Access Cover Ø | 190mm | 190mm |

| Pump Type | Power | | Q l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
|--------------|-------|------|----------|----|----|----|----|----|----|----|------|----|
| | kW | HP | | | | | | | | | | |
| Top Multi 2 | 0.55 | 0.75 | H Metres | 42 | 40 | 38 | 34 | 30 | 24 | 18 | 11.5 | 5 |
| Nkm 2/4 GE-N | 0.75 | 1 | H Metres | 63 | 61 | 59 | 57 | 54 | 50 | 45 | 39 | 31 |

Multiboost Slimline: 200L & 350L

The Multiboost Slimline range can fit through a standard doorway. This makes it very convenient for new or existing properties, as it can be easily fitted under a stairs or in a utility room. The Slimline range is ideal for 3 - 5 bedroom houses, with poor water pressure and flow and where floor space is limited.

Key Features

- › Non-corrosive holding tank (WRAS approved material)
- › Protective lid enclosure as standard
- › Manual adjustable start-up pressure function
- › Dry run protection with auto restart (time delay)
- › 2 L water accumulator tank
- › 16 amp rated controller with pressure gauge as standard
- › 3 piece union on outlet (for easy maintenance for crimp piping)



Variable Speed Option



Overflow → Inlet



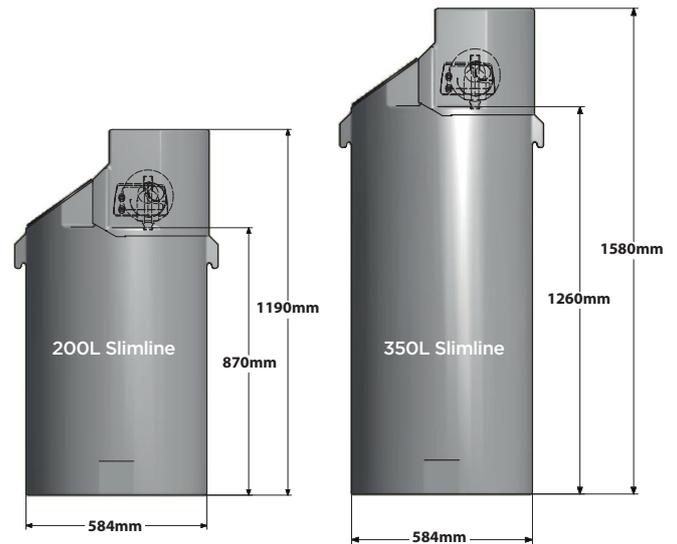
Range Options

| Product Code | Model |
|--------------|------------------------------|
| 1012150 | 200L Slimline Fixed Speed |
| 1001906 | 350L Slimline Fixed Speed |
| 1001905 | 350L Slimline Variable Speed |

System Connections

| Connection | Size |
|------------|--------|
| Inlet* | ½" BSP |
| Outlet | 1" BSP |
| Overflow | 1" BSP |
| Drain Off | 1" BSP |

*Bypass unit recommended to be fitted on inlet supply
Available Drip Tray is recommended to be used on installation



| | Fixed Speed Option | | Variable Speed Option | |
|--------------------------|---|-------------|-----------------------------------|-------------|
| Power supply | 240 volt, 50Hz | | 240 volt, 50Hz | |
| Pump | Pedrollo Top Multi 2 (240 volt) | | Pedrollo Nkm 2/4 GE-N (240 volt) | |
| Controller | Presflo Multi with integral 2 litre pressure vessel | | Steadypres M/M 8.5amp (D01141091) | |
| Current Input | 3.4 amp | | 6 amp | |
| Mains Power Cable | 5mtr x 1.5mm ² 3 core | | 5mtr x 1.5mm ² 3 core | |
| Pump dB Rating (approx.) | <65dB | | <65dB | |
| Tank Weight Empty | 200L = 26kg | 350L = 32kg | 200L = 33kg | 350L = 36kg |
| Tank Weight Full | 1L of water = 1 kg plus weight of empty tank | | | |
| Access Cover Ø | 285mm | | 285mm | |

| Pump Type | Power | | Ql/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
|--------------|-------|------|----------|----|----|----|----|----|----|----|------|----|
| | kW | HP | | | | | | | | | | |
| Top Multi 2 | 0.55 | 0.75 | H Metres | 42 | 40 | 38 | 34 | 30 | 24 | 18 | 11.5 | 5 |
| Nkm 2/4 GE-N | 0.75 | 1 | H Metres | 63 | 61 | 59 | 57 | 54 | 50 | 45 | 39 | 31 |

Multiboost Utility: 250L, 450L, 750L

The Multiboost Utility range is designed for domestic and light commercial use where there is low mains water pressure and where pressure fluctuates. It is electronically controlled through a flow switch unit which starts and stops the pump automatically when a tap is opened and closed. The Utility range is designed for areas where floor space is not restricted. This range caters for a wider variation of tank options.

Key Features

- › Non-corrosive holding tank (WRAS approved material)
- › Protective lid enclosure as standard
- › Manual adjustable start-up pressure function
- › Dry run protection with auto restart (time delay)
- › 2 L water accumulator tank
- › 16 amp rated controller with pressure gauge as standard
- › 3 piece union on outlet (for easy maintenance for crimp piping)



Variable Speed Option



Overflow → Inlet



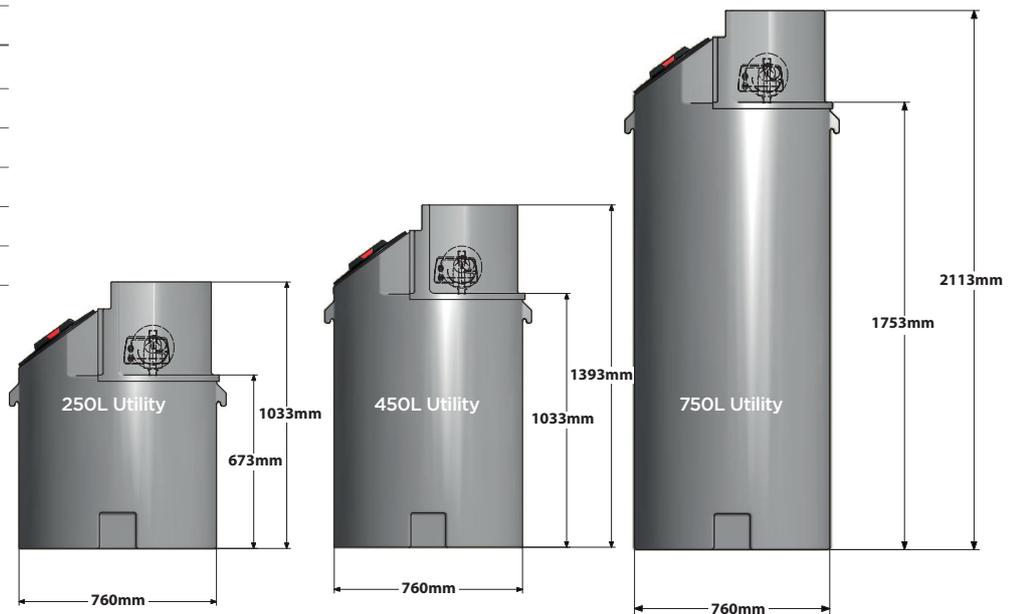
Range Options

| Product Code | Model |
|--------------|-----------------------------|
| 1001909 | 250L Utility Fixed Speed |
| 1012151 | 250L Utility Variable Speed |
| 1001911 | 450L Utility Fixed Speed |
| 1001912 | 450L Utility Variable Speed |
| 1001916 | 750L Utility Fixed Speed |
| 1012152 | 750L Utility Variable Speed |

System Connections

| Connection | Size |
|------------|--------|
| Inlet* | ½" BSP |
| Outlet | 1" BSP |
| Overflow | 1" BSP |
| Drain Off | 1" BSP |

*Bypass unit recommended to be fitted on inlet supply
Available Drip Tray is recommended to be used on installation



| | Fixed Speed Option | | | Variable Speed Option | | |
|--------------------------|---|-------------|-------------|--|-------------|-------------|
| Power supply | 240 volt, 50Hz | | | 240 volt, 50Hz | | |
| Pump | Pedrollo Top Multi 2 (240 volt) | | | Pedrollo Nkm 2/4 GE-N (240 volt) | | |
| Controller | Presflo Multi with integral 2 litre pressure vessel | | | Steadypres M/M 8.5amp (D01141091) | | |
| Current Input | 3.4 amp | | | 6 amp | | |
| Mains Power Cable | 5mtr x 1.5mm ² 3 core | | | 5mtr x 1.5mm ² 3 core | | |
| Pump dB Rating (approx.) | <65dB | | | <65dB | | |
| Tank Weight Empty | 250L = 28kg | 450L = 35kg | 750L = 46kg | 250L = 35kg | 450L = 42kg | 750L = 53kg |
| Tank Weight Full | 1L of water = 1 kg plus weight of empty tank | | | 1L of water = 1 kg plus weight of empty tank | | |
| Access Cover Ø | 285mm | | | 285mm | | |

| Pump Type | Power | | Ql/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
|--------------|-------|------|----------|----|----|----|----|----|----|----|------|----|
| | kW | HP | | | | | | | | | | |
| Top Multi 2 | 0.55 | 0.75 | H Metres | 42 | 40 | 38 | 34 | 30 | 24 | 18 | 11.5 | 5 |
| Nkm 2/4 GE-N | 0.75 | 1 | H Metres | 63 | 61 | 59 | 57 | 54 | 50 | 45 | 39 | 31 |

Multiboost Utility: 650L & 1000L

The Multiboost Utility range is designed for commercial use on a larger scale where there is low mains water pressure and where pressure fluctuates. It is electronically controlled through a flow switch unit which starts and stops the pump automatically when a tap is opened and closed. The Utility range is designed for areas where the floor space is not restricted. This range caters for a wider variation of tank options to suit various applications.

Key Features

- › Non-corrosive holding tank (WRAS approved material)
- › Manual adjustable start-up pressure function
- › Dry run protection with auto restart (time delay)
- › 2 L water accumulator tank
- › 16 amp rated controller with pressure gauge as standard
- › 3 piece union on outlet (for easy maintenance for crimp piping)



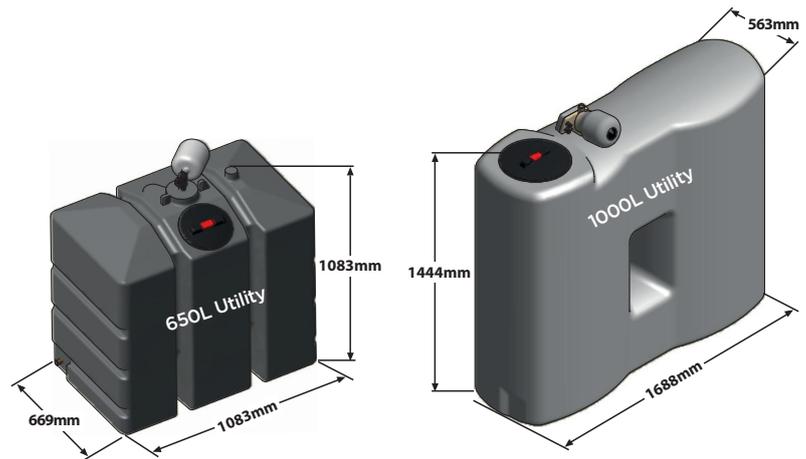
Range Options

| Product Code | Model |
|--------------|------------------------------|
| 1028679 | 650L Utility Fixed Speed |
| 1001925 | 1000L Utility Fixed Speed |
| 1012153 | 1000L Utility Variable Speed |

System Connections

| Connection | Size |
|------------|--------|
| Inlet* | ½" BSP |
| Outlet | 1" BSP |
| Overflow | 1" BSP |
| Drain Off | 1" BSP |

*Bypass unit recommended to be fitted on inlet supply



| | Fixed Speed Option | Variable Speed Option |
|--------------------------|---|--|
| Power supply | 240 volt, 50Hz | 240 volt, 50Hz |
| Pump | Pedrollo Top Multi 2 (240 volt) | Pedrollo Nkm 2/4 GE-N (240 volt) |
| Controller | Presflo Multi with integral 2 litre pressure vessel | Steadypres M/M 8.5amp (D01141091) |
| Current Input | 3.4 amp | 6 amp |
| Mains Power Cable | 5mtr x 1.5mm ² 3 core | 5mtr x 1.5mm ² 3 core |
| Pump dB Rating (approx.) | <65dB | <65dB |
| Tank Weight Empty | 63kg | 70kg |
| Tank Weight Full | 1L of water = 1 kg plus weight of empty tank | 1L of water = 1 kg plus weight of empty tank |
| Access Cover Ø | 285mm | 285mm |

| Pump Type | Power | | Ql/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
|--------------|-------|------|----------|----|----|----|----|----|----|----|------|----|
| | kW | HP | | | | | | | | | | |
| Top Multi 2 | 0.55 | 0.75 | H Metres | 42 | 40 | 38 | 34 | 30 | 24 | 18 | 11.5 | 5 |
| Nkm 2/4 GE-N | 0.75 | 1 | H Metres | 63 | 61 | 59 | 57 | 54 | 50 | 45 | 39 | 31 |

Multiboost Bunded: 250L & 650L

The Multiboost Bunded range is designed for commercial use where there is low mains water pressure and pressure fluctuates. Every Multiboost Bunded tank benefits from a 'tank within a tank' bunded construction, with the outer tank able to maintain a minimum of 110% of the volume of the inner tank. The inner tank acts as the primary storage container, whilst the outer tank acts as a fail safe in the event of a spill. The Bunded range is designed for areas where the floor space is not restricted.

The Top Multi 2 Auto is a submersible pump equipped with electronic features for starting and stopping the pump as the tap is turned on and off. In the event of the pump running dry, it automatically tries to resume normal service at intervals of increasing time (15, 30, 60 minutes / max 24 hours).

Key Features

- › Non-corrosive bunded tank (WRAS approved internal material)
- › Protective lid enclosure as standard
- › Minimal installation requirement
- › An internal electronic device starts or stops the pump automatically when the tap is open or closed
- › After long periods of pump inactivity the electronic device starts the pump every 48 hours for 10 seconds
- › Dry run protection with auto restart (time delay)
- › Start-up pressure 1.5 bar



Variable Speed Option



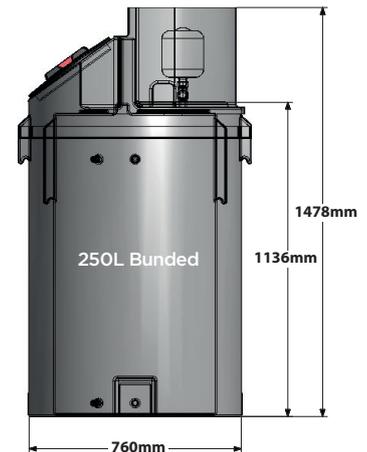
Overflow

Inlet



Range Options

| Product Code | Model* |
|--------------|--------------------------------|
| 1019276 | 250L Bunded Fixed Speed (Auto) |
| 1019650 | 250L Bunded Variable Speed |
| 1028680 | 650L Bunded Fixed Speed (Auto) |



System Connections

| Connection | Size |
|------------|--------|
| Inlet* | ½" BSP |
| Outlet | 1" BSP |
| Overflow | 1" BSP |
| Drain Off | 1" BSP |

*Bypass unit recommended to be fitted on inlet supply

| | Fixed Speed Option | Variable Speed Option |
|--------------------------|---|--|
| Power supply | 240 volt, 50Hz | 240 volt, 50Hz |
| Pump | Pedrollo Top Multi 2 - Tech (240 volt) | Pedrollo Nkm 2/4 GE-N (240 volt) |
| Controller | Presflo Multi with integral 2 litre pressure vessel | Steadypres M/M 8.5amp (D01141091) |
| Current Input | 3.4 amp | 6 amp |
| Mains Power Cable | 5mtr x 1.5mm ² 3 core | 5mtr x 1.5mm ² 3 core |
| Pump dB Rating (approx.) | <65dB | <65dB |
| Tank Weight Empty | 45kg | 53kg |
| Tank Weight Full | 1L of water = 1 kg plus weight of empty tank | 1L of water = 1 kg plus weight of empty tank |
| Access Cover Ø | Internal 190mm, External 285mm | Internal 190mm, External 285mm |

| Pump Type | Power | | Ql/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
|--------------------|-------|------|----------|----|----|----|----|----|----|----|------|----|
| | kW | HP | | | | | | | | | | |
| Top Multi 2 - Tech | 0.55 | 0.75 | H Metres | 42 | 40 | 38 | 34 | 30 | 24 | 18 | 11.5 | 5 |
| Nkm 2/4 GE-N | 0.75 | 1 | H Metres | 63 | 61 | 59 | 57 | 54 | 50 | 45 | 39 | 31 |

Multiboost Rectangular: 200L

The Multiboost Rectangular 200L is an ideal solution for apartments where there is low mains water pressure and where pressure fluctuates. The Multiboost Rectangular range is perfect for areas where height restrictions and access are an issue. It is electronically controlled through a flow switch unit which starts and stops the pump automatically when the tap is opened and closed.

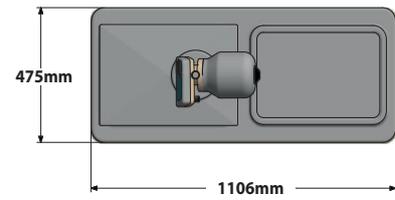
Key Features

- › Non-corrosive holding tank (WRAS approved material)
- › Manual adjustable start-up pressure function
- › Dry run protection with auto restart (time delay)
- › 2 L water accumulator tank
- › 16 amp rated controller with pressure gauge as standard
- › 3 piece union on outlet (for easy maintenance for crimp piping)



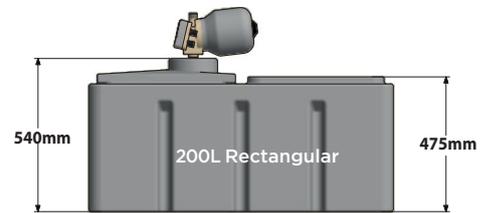
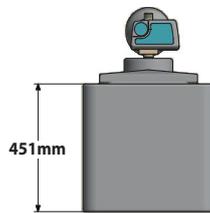
Range Options

| Product Code | Model |
|--------------|-----------------------------------|
| 1036388 | 200 L Multi Fixed Speed (Presflo) |



System Connections

| Connection | Size |
|------------|--------|
| Inlet* | ½" BSP |
| Outlet | 1" BSP |
| Overflow | 1" BSP |
| Drain Off | 1" BSP |



*Bypass unit recommended to be fitted on inlet supply
Available Drip Tray is recommended to be used on installation

| | Fixed Speed Option |
|--------------------------|---|
| Power supply | 240 volt, 50Hz |
| Pump | Pedrollo Top Multi 2 (240 volt) |
| Controller | Presflo Multi with integral 2 litre pressure vessel |
| Current Input | 3.4 amp |
| Mains Power Cable | 5mtr x 1.5mm ² 3 core |
| Pump dB Rating (approx.) | <65dB |
| Tank Weight Empty | 23kg |
| Tank Weight Full | 1L of water = 1 kg plus weight of empty tank |
| Access Cover Ø | Removable Lid |

Some key features



| Pump Type | Power | | Q I/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
|-------------|-------|------|----------|----|----|----|----|----|----|----|------|----|
| | kW | HP | | | | | | | | | | |
| Top Multi 2 | 0.55 | 0.75 | H Metres | 42 | 40 | 38 | 34 | 30 | 24 | 18 | 11.5 | 5 |

Multiboost Rectangular: 270L

The Multiboost Rectangular 270L is an ideal solution for houses and apartments with low mains water pressure and where pressure fluctuates. The Multiboost Rectangular range is perfect for areas where height restrictions and access are an issue. It is electronically controlled through a flow switch unit which starts and stops the pump automatically when the tap is opened and closed.

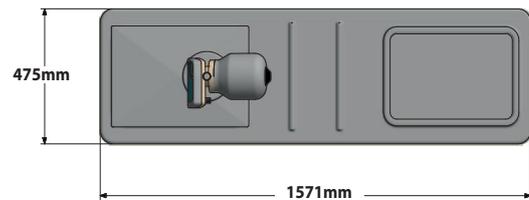
Key Features

- › Non-corrosive holding tank (WRAS approved material)
- › Manual adjustable start-up pressure function
- › Dry run protection with auto restart (time delay)
- › 2 L water accumulator tank
- › 16 amp rated controller with pressure gauge as standard
- › 3 piece union on outlet (for easy maintenance for crimp piping)



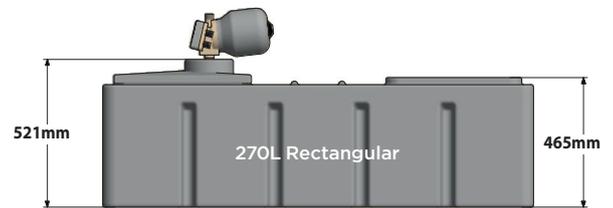
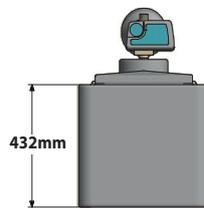
Range Options

| Product Code | Model |
|--------------|----------------------------------|
| 1036439 | 270L Multi Fixed Speed (Presflo) |



System Connections

| Connection | Size |
|------------|--------|
| Inlet* | ½" BSP |
| Outlet | 1" BSP |
| Overflow | 1" BSP |
| Drain Off | 1" BSP |



*Bypass unit recommended to be fitted on inlet supply
Available Drip Tray is recommended to be used on installation

| | Fixed Speed Option |
|--------------------------|---|
| Power supply | 240 volt, 50Hz |
| Pump | Pedrollo Top Multi 2 (240 volt) |
| Controller | Presflo Multi with integral 2 litre pressure vessel |
| Current Input | 3.4 amp |
| Mains Power Cable | 5mtr x 1.5mm ² 3 core |
| Pump dB Rating (approx.) | <65dB |
| Tank Weight Empty | 27kg |
| Tank Weight Full | 1L of water = 1 kg plus weight of empty tank |
| Access Cover Ø | Removable Lid |

Some key features



| Pump Type | Power | | Q l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
|-------------|-------|------|----------|----|----|----|----|----|----|----|------|----|
| | kW | HP | | | | | | | | | | |
| Top Multi 2 | 0.55 | 0.75 | H Metres | 42 | 40 | 38 | 34 | 30 | 24 | 18 | 11.5 | 5 |

Multiboost Rectangular: 300L

The Multiboost Rectangular 300L is an ideal solution for houses and apartments with low mains water pressure and where pressure fluctuates. The Multiboost Rectangular range is perfect for areas where height restrictions and access are an issue. It is electronically controlled through a flow switch unit which starts and stops the pump automatically when the tap is opened and closed.

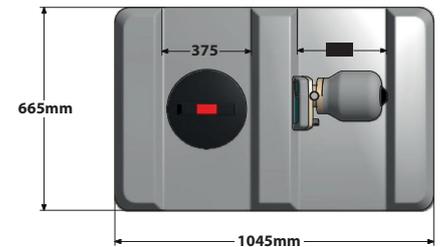
Key Features

- › Non-corrosive holding tank (WRAS approved material)
- › Manual adjustable start-up pressure function
- › Dry run protection with auto restart (time delay)
- › 2 L water accumulator tank
- › 16 amp rated controller with pressure gauge as standard
- › 3 piece union on outlet (for easy maintenance for crimp piping)



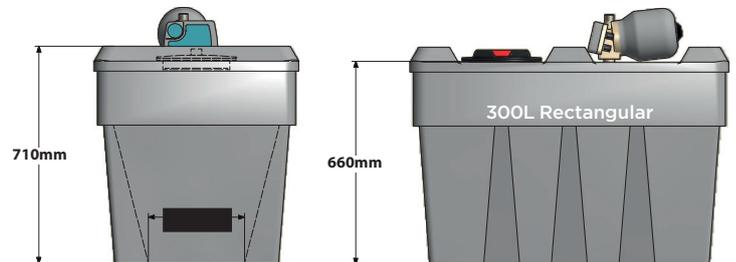
Range Options

| Product Code | Model |
|--------------|----------------------------------|
| 1017488 | 300L Multi Fixed Speed (Presflo) |



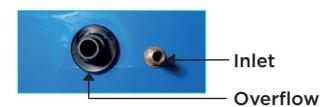
System Connections

| Connection | Size |
|------------|--------|
| Inlet* | ½" BSP |
| Outlet | 1" BSP |
| Overflow | 1" BSP |
| Drain Off | 1" BSP |



*Bypass unit recommended to be fitted on inlet supply

| | Fixed Speed Option |
|--------------------------|---|
| Power supply | 240 volt, 50Hz |
| Pump | Pedrollo Top Multi 2 (240 volt) |
| Controller | Presflo Multi with integral 2 litre pressure vessel |
| Current Input | 3.4 amp |
| Mains Power Cable | 5mtr x 1.5mm ² 3 core |
| Pump dB Rating (approx.) | <65dB |
| Tank Weight Empty | 29kg |
| Tank Weight Full | 1L of water = 1 kg plus weight of empty tank |
| Access Cover Ø | 190mm |



| Pump Type | Power | | Q l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
|-------------|-------|------|----------|----|----|----|----|----|----|----|------|----|
| | kW | HP | | | | | | | | | | |
| Top Multi 2 | 0.55 | 0.75 | H Metres | 42 | 40 | 38 | 34 | 30 | 24 | 18 | 11.5 | 5 |

Multiboost Rectangular: 345L

The Multiboost Rectangular 345L is an ideal solution for houses and apartments with low mains water pressure and where pressure fluctuates. The Multiboost Rectangular range is perfect for areas where height restrictions and access are an issue. It is electronically controlled through a flow switch unit which starts and stops the pump automatically when the tap is opened and closed.

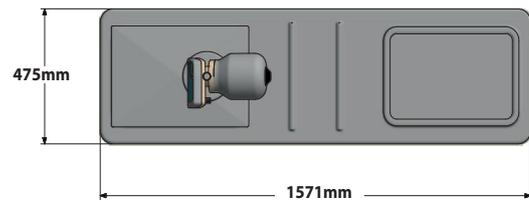
Key Features

- › Non-corrosive holding tank (WRAS approved material)
- › Manual adjustable start-up pressure function
- › Dry run protection with auto restart (time delay)
- › 2 L water accumulator tank
- › 16 amp rated controller with pressure gauge as standard
- › 3 piece union on outlet (for easy maintenance for crimp piping)



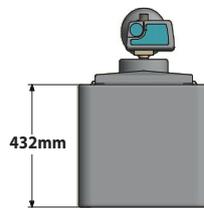
Range Options

| Product Code | Model |
|--------------|----------------------------------|
| 1081644 | 345L Multi Fixed Speed (Presflo) |



System Connections

| Connection | Size |
|------------|--------|
| Inlet* | ½" BSP |
| Outlet | 1" BSP |
| Overflow | 1" BSP |
| Drain Off | 1" BSP |



*Bypass unit recommended to be fitted on inlet supply
Available Drip Tray is recommended to be used on installation

| | Fixed Speed Option |
|--------------------------|---|
| Power supply | 240 volt, 50Hz |
| Pump | Pedrollo Top Multi 2 (240 volt) |
| Controller | Presflo Multi with integral 2 litre pressure vessel |
| Current Input | 3.4 amp |
| Mains Power Cable | 5mtr x 1.5mm ² 3 core |
| Pump dB Rating (approx.) | <65dB |
| Tank Weight Empty | 27kg |
| Tank Weight Full | 1L of water = 1 kg plus weight of empty tank |
| Access Cover Ø | Removable Lid |

Some key features



| Pump Type | Power | | Q l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
|-------------|-------|------|----------|----|----|----|----|----|----|----|------|----|
| | kW | HP | | | | | | | | | | |
| Top Multi 2 | 0.55 | 0.75 | H Metres | 42 | 40 | 38 | 34 | 30 | 24 | 18 | 11.5 | 5 |

Multiboost Rectangular: 455L

The Multiboost Rectangular 455L is an ideal solution for houses and apartments with low mains water pressure and where pressure fluctuates. The Multiboost Rectangular range is perfect for areas where height restrictions and access are an issue. It is electronically controlled through a flow switch unit which starts and stops the pump automatically when the tap is opened and closed.

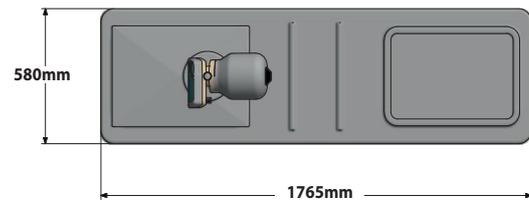
Key Features

- › Non-corrosive holding tank (WRAS approved material)
- › Manual adjustable start-up pressure function
- › Dry run protection with auto restart (time delay)
- › 2 L water accumulator tank
- › 16 amp rated controller with pressure gauge as standard
- › 3 piece union on outlet (for easy maintenance for crimp piping)



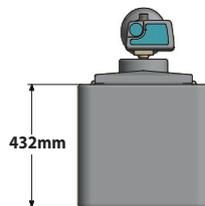
Range Options

| Product Code | Model |
|--------------|----------------------------------|
| 1070476 | 455L Multi Fixed Speed (Presflo) |



System Connections

| Connection | Size |
|------------|--------|
| Inlet* | ½" BSP |
| Outlet | 1" BSP |
| Overflow | 1" BSP |
| Drain Off | 1" BSP |



*Bypass unit recommended to be fitted on inlet supply
Available Drip Tray is recommended to be used on installation

| | Fixed Speed Option |
|--------------------------|---|
| Power supply | 240 volt, 50Hz |
| Pump | Pedrollo Top Multi 2 (240 volt) |
| Controller | Presflo Multi with integral 2 litre pressure vessel |
| Current Input | 3.4 amp |
| Mains Power Cable | 5mtr x 1.5mm ² 3 core |
| Pump dB Rating (approx.) | <65dB |
| Tank Weight Empty | 34kg |
| Tank Weight Full | 1L of water = 1 kg plus weight of empty tank |
| Access Cover Ø | Removable Lid |

Some key features



| Pump Type | Power | | Q l/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
|-------------|-------|------|----------|----|----|----|----|----|----|----|------|----|
| | kW | HP | | | | | | | | | | |
| Top Multi 2 | 0.55 | 0.75 | H Metres | 42 | 40 | 38 | 34 | 30 | 24 | 18 | 11.5 | 5 |

Multiboost Rectangular: 500L

The Multiboost Rectangular 500L is an ideal solution for houses, apartments and agricultural use where there is low mains water pressure and where pressure fluctuates. The Multiboost Rectangular range is perfect for areas where height restrictions and access are an issue. It is electronically controlled through a flow switch unit which starts and stops the pump automatically when the tap is opened and closed.

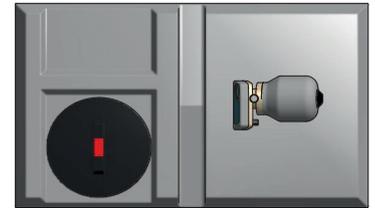
Key Features

- › Non-corrosive holding tank (WRAS approved material)
- › Manual adjustable start-up pressure function
- › Dry run protection with auto restart (time delay)
- › 2 L water accumulator tank
- › 16 amp rated controller with pressure gauge as standard
- › 3 piece union on outlet (for easy maintenance for crimp piping)



Range Options

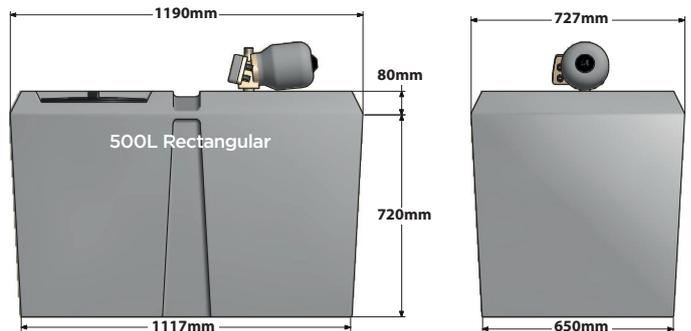
| Product Code | Model |
|--------------|----------------------------------|
| 1017490 | 500L Multi Fixed Speed (Presflo) |



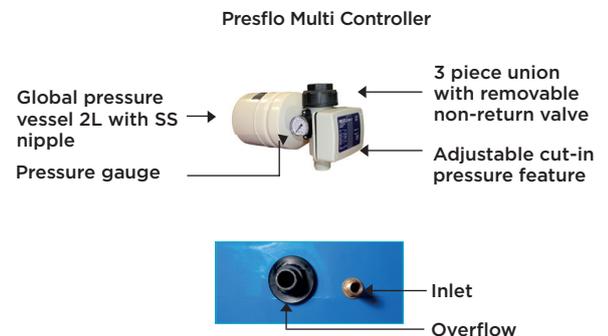
System Connections

| Connection | Size |
|------------|--------|
| Inlet* | ½" BSP |
| Outlet | 1" BSP |
| Overflow | 1" BSP |
| Drain Off | 1" BSP |

*Bypass unit recommended to be fitted on inlet supply



| | Fixed Speed Option |
|--------------------------|---|
| Power supply | 240 volt, 50Hz |
| Pump | Pedrollo Top Multi 2 (240 volt) |
| Controller | Presflo Multi with integral 2 litre pressure vessel |
| Current Input | 3.4 amp |
| Mains Power Cable | 5mtr x 1.5mm ² 3 core |
| Pump dB Rating (approx.) | <65dB |
| Tank Weight Empty | 34kg |
| Tank Weight Full | 1L of water = 1 kg plus weight of empty tank |
| Access Cover Ø | 285mm |



| Pump Type | Power | | QI/min | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
|-------------|-------|------|----------|----|----|----|----|----|----|----|------|----|
| | kW | HP | | | | | | | | | | |
| Top Multi 2 | 0.55 | 0.75 | H Metres | 42 | 40 | 38 | 34 | 30 | 24 | 18 | 11.5 | 5 |

MULTIBOOST

Key Features & Information



Presflo Multi

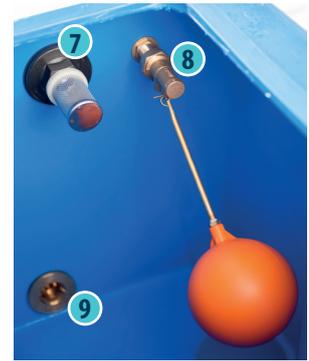


Vario



Steadypres

- 1 Pressure Vessel (*Presflo Multi Version Only*)
- 2 Removal union to access flow valve
- 3 Split union for easy maintenance
- 4 Drip tray built in to mould (*Selected models only*)
- 5 Easy adjustable cut in pressure function
- 6 Variable speed option available
- 7 Vermin screen
- 8 Ball cock unit & float
- 9 Drain off facility to clean tank
- 10 Overflow
- 11 Inlet water supply
- 12 Total Removal Design of Pump and Controller System (2018 Version)
200Ls & 270Ls Rectangular Versions Only



Information Label on each tank



DO NOT REMOVE THIS LABEL

(Removal of this label will void warranty)

- > Customer/installer to check unit for any damage or leaks on delivery prior to installation of unit
- > Bundled tank or tank with drip tray should be used for in-house installations (depending on tank application & location)
- > Tank installation above ceiling level is not recommended. Unit's ideal support base is concrete due to weight. (i.e. 1L of water = 1 kg)
- > Unit to be fitted in a safe place away from any potential hazards & kept out of direct sunlight
- > Protective lid of tank to be installed over control unit
- > EPS is unable to service any unit installed above ceiling level unless in accordance with H&S regulations
- > Unit to be installed by qualified persons only
- > EPS recommends a by-pass valve be fitted on both the inlet & outlet in the unlikely event of a pump failure
- > Isolation shut-off valve to be fitted on supply & delivery side of tank (for maintenance purposes)

- > The overflow pipe that is fitted should be twice the size of the inlet supply minimum (it may have to be enlarged further, depending on incoming pressure and flow) and should be piped away to safe drainage zone. (It's recommended that a full test is carried out by the installer).
- > Overflow test to be completed after every installation. This is to ensure the capacity of the overflow pipe is able to handle any ballcock failure, blockage or restriction. Ensure pipe is not restricted & is laid straight with a sufficient fall without lags.
- > The overflow pipe must not be obstructed or restricted (no sharp elbows), factoring in the distance being piped away to the drainage zone.
- > Overflow/vermin screen needs to be cleaned regularly to ensure removal of any impurities present in the water.
- > Pressure vessel air pre-charge to be checked every 6 months (set 2lbs below cut-in pressure)
- > High pressure ballcock fitted as standard. (Low range available on request)
- > EPS recommends testing water for any impurities or any water treatment required
- > EPS accept no responsibility whatsoever for leaks inside /outside of tank which are outside of our control

Typical example of installation



MULTIBOOST
Range

Fitting of a bypass unit & drip tray with correct overflow capability is highly recommended

Full overflow test is necessary on every installation

Use of sharp elbows that may cause flow restrictions is not recommended

| | | |
|---------------|-------|------|
| ASSEMBLED BY: | DATE: | |
| INSTALLED BY: | DATE: | TEL: |

Scan for O&M Manual or download on Multiboost.ie





Rethinking Water

Xilent Range

Multiboost Xilent is the premium range of the Multiboost family. Combining a Multiboost tank with the innovative technology provided by the Xilent unit conveniently replaces traditional pump systems and adjust water pressure and flow according to demand. The Multiboost Xilent range provides constant pressure, silent running, maximum performance as well as reductions in energy usage and costs.

It has been designed for use in homes, apartments, commercial applications where space is restricted and there is a requirement for a silent, all-in-one compact unit which is quick & easy to install.



Xilent Single Unit

| MODEL | STOCK CODE | WEIGHT KG | ELECTRIC PERFORMANCES | | | | HYDRAULIC PERFORMANCES | | | | | | |
|-------|------------|--------------|-----------------------|--------|-----|-------------------|------------------------|----|----|----|----|-----|-----|
| | | | Power V | P1 MAX | | Max. Current A | H (m) | 55 | 50 | 40 | 30 | 20 | 10 |
| | | | | KW | HP | | | | | | | | |
| X/3* | 1069984 | 16 | 1x230 | 0.9 | 1.2 | 5.8 | Q= l/min | 28 | 33 | 45 | 55 | 65 | 75 |
| X/5* | 1069985 | 16 | 1x230 | 1.5 | 2 | 9.4 | Q= l/min | 62 | 70 | 83 | 98 | 110 | 123 |

*Inlet/outlet connection: 1" male BSP.



Xilent Twin Unit

| MODEL | STOCK CODE | WEIGHT KG | ELECTRIC PERFORMANCES | | | | HYDRAULIC PERFORMANCES | | | | | | |
|--------|------------|--------------|-----------------------|--------|-----|-------------------|------------------------|-----|-----|-----|-----|-----|-----|
| | | | Power V | P1 MAX | | Max. Current A | H (m) | 55 | 50 | 40 | 30 | 20 | 10 |
| | | | | KW | HP | | | | | | | | |
| DX/33* | 1079548 | 39 | 2x230 | 1.8 | 2.4 | 11.6 | Q= l/min | 56 | 67 | 90 | 110 | 130 | 150 |
| DX/35* | 1079550 | 39 | 2x230 | 2.4 | 3.2 | 15.2 | Q= l/min | 90 | 103 | 128 | 153 | 175 | 198 |
| DX/55* | 1079551 | 39 | 2x230 | 3.0 | 4.0 | 18.8 | Q= l/min | 123 | 140 | 167 | 197 | 220 | 247 |

*Inlet/outlet connection: 1 1/2" female BSP.



Xilent Multiboost Unit

| MODEL | STOCK CODE | WEIGHT KG | POWER | | Max. Current A | HEIGHT mm | DEPTH mm | WIDTH mm | CAPACITY TANK/L |
|----------|------------|--------------|----------------|-----|-------------------|--------------|-------------|-------------|--------------------|
| | | | P ₂ | | | | | | |
| | | | kW | HP | | | | | |
| X3 Multi | 1070491 | 38 | 0.9 | 1.2 | 5.8 | 1200 | 510 | 570 | 210 |
| X5 Multi | 1070492 | 38 | 1.5 | 2.0 | 9.4 | 1200 | 510 | 570 | 210 |

W/1 Kit



- › Wall Mount for Single Unit
- › **Product Code:** 1070479

W/2 Kit



- › Wall Mount for Twin Unit
- › **Product Code:** 1070481

D-Kit



- › Connects 2 Single Units
- › **Product Code:** 1070478

FIX-Kit



- › Permanent Floor Fixings (4pk)
- › **Product Code:** 1070482

Expansion Board



- › Connects 2 single units or to manage input/output signals
- › **Product Code:** 1070483

210L Tank



- › Assist tank
- › **Product Code:** 1040431



www.xilent.ie

MULTIBOOST

Drip Trays



Multiboost Slimline Tray: 200L

- › Height: 603mm
- › Width: 760mm
- › Product Code: 1019180



Multiboost Slimline Tray: 300L

- › Height: 603mm
- › Width: 760mm
- › Product Code: 1019180



Multiboost Utility Tray: 750L

- › Height: 650mm
- › Width: 1050mm
- › Product Code: 1028827



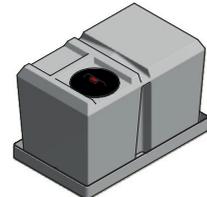
Multiboost Utility Tray: 250L

- › Height: 650mm
- › Width: 1050mm
- › Product Code: 1028827



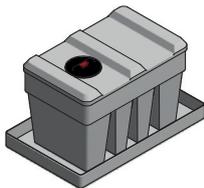
Multiboost Utility Tray: 450L

- › Height: 650mm
- › Width: 1050mm
- › Product Code: 1028827



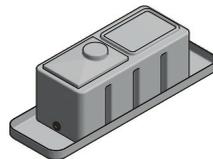
Multiboost Rectangular Tray: 500L

- › Height: 80mm
- › Width: 760mm
- › Length: 1250mm
- › Product Code: 1061457



Multiboost Rectangular Tray: 300L

- › Height: 80mm
- › Width: 760mm
- › Length: 1250mm
- › Product Code: 1061457



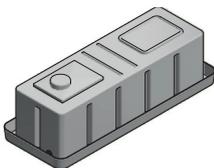
Multiboost Rectangular Tray: 200L

- › Height: 80mm
- › Width: 515mm
- › Length: 1648mm
- › Product Code: 1033640



Multiboost Rectangular Tray: 270L

- › Height: 115mm
- › Width: 745mm
- › Length: 1935mm
- › Product Code: 1079554



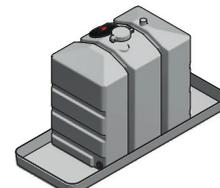
Multiboost Rectangular Tray: 455L

- › Height: 115mm
- › Width: 745mm
- › Length: 1935mm
- › Product Code: 1079554



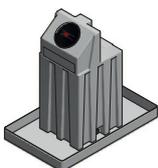
Multiboost Rectangular Tray: 1000L

- › Height: 115mm
- › Width: 745mm
- › Length: 1935mm
- › Product Code: 1079554



Multiboost Rectangular Tray: 650L

- › Height: 115mm
- › Width: 745mm
- › Length: 1935mm
- › Product Code: 1079554



Multiboost Xilent Tray: 210L

- › Height: 80mm
- › Width: 760mm
- › Length: 1250mm
- › Product Code: 1061457

NOTE: These drip trays will arrive with a separate overflow connection. The overflow connection must be installed on site by a qualified fitter to determine the correct positioning. Please ensure correct overflow pipe size is calculated, taking into account the overflow pipe distance, the incoming flow rate and the pressure of the inlet valve. A full test is recommended once installation is complete to ensure the overflow pipework has the capacity to handle an excess volume of water in the unlikely event of an overflow occurring.

**All dimensions are for drip trays only. Tank not included.*

Pedrollo Top Multi 2



- › Flow rate up to 80L/min
- › Head pressure up to 4.2 bar
- › Float switch protection
- › Max liquid temperature 40°C
- › Power consumption 0.55kW
- › **Product Code:** 1001902 (c/w Float)
- › **Product Code:** 1032994 (No Float)

Pedrollo NKM 2/4 GE-N Pump



- › Flow rate up to 80L/min
- › Head pressure up to 6 bar
- › Float switch protection
- › Power consumption 0.75kW
- › **Product Code:** 1001539

Wall Bracket Support



- › Adjustable arm length
- › 1" connection
- › **Product Code:** 1004953

Steady Pres



- › LCD display unit
- › Energy efficient
- › Dry running protection
- › Excessively frequent starts
- › Overcurrent protection
- › **Product Code:** 1005156

Presflo Vario



- › Adjustable start pressure 0.8 to 2.5 bar
- › 3 piece union as standard
- › Pressure gauge as standard
- › Dry running protection with auto restart
- › Same water volume at different start pressure
- › **Product Code:** 1005160

Presflo Multi Comfort



- › Adjustable cut-in feature
- › Range 1 to 5 bar
- › Overflow protection (adjustable)
- › 2 L surge tank
- › Dry running protection with auto restart
- › **Product Code:** 1005165

Presflo Surge Tank



- › 2L vessel
- › 3/4" connection
- › 10 bar working pressure
- › Wras approved product
- › **Product Code:** 1033556

Pressure Wave



- › 8L vessel
- › Stainless steel nipple 1"
- › 10 bar working pressure
- › Wras approved product
- › **Product Code:** 1004918

Multi-Stage UV Filtration



- › Flow rate up to 23L/min at 30mJ/cm²
- › Flow rate up to 40L/min at 16mJ/cm²
- › ULa violet disinfection
- › Odour removal
- › Enclosed cabinet plug and play
- › **Product Code:** 1019182

Integrated UV System



- › Flow rate up to 23L/min at 30mJ/cm²
- › Flow rate up to 40L/min at 16mJ/cm²
- › Plug and play
- › **Product Code:** 1040015

Ball Cock High/Low Pressure



- › Ball cock 6" arm
- › Size 1/2"
- › **Product Code:** 1005345 (HP)
- › **Product Code:** 1021576 (LP)

Insulated Jackets (Foil)



- › Available for Slimline, Utility, Rectangular
- › **Product Code 270L:** 1036647
- › **Product Code 300L:** 1036648
- › **Product Code 500L:** 1036649

MULTIBOOST

Centrifugal Pump

3/4/5CRm 80 Multi-Stage Centrifugal Pump

The CRm 80 Multi-Stage Centrifugal pump range is specifically designed for domestic water boosting applications. With its low power consumption motor, this pump is extremely quiet in operation. An additional flow control unit (Presflo Multi) allows the user the option to change and control the cut-in pressure required for each application. This unit also has a dry run feature in the event of the water supply system running dry with a time delay auto restart. The unit also includes a 2 litre surge tank on the control unit which prevents the pump from cutting on and off if there is a minor leak/drip, thus avoiding unnecessary starts and prolonging the life of the pump.

Technical Characteristics

- › Recently updated range with new design
- › New improved hydraulic, even more reliable and with higher performance
- › Reduced energy consumption
- › The most silent model in the centrifugal series

dB Rating

| Model | dB(A) at 1m |
|-------------|-------------|
| 3CRm 80 - N | 53 |
| 4CRm 80 - N | 54 |
| 5CRm80 - N | 55 |

System Connections

| Connection | Size |
|------------|--------|
| Inlet | 1" BSP |
| Outlet | 1" BSP |



| Model | | Power | | | m ³ /h | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 6.6 | 7.2 | 7.8 |
|--------------|--------------|-------|------|-----|-------------------|----|-----|-----|-----|------|-----|-----|------|------|------|------|------|------|-----|-----|-----|-----|
| Product Code | Single-phase | kW | HP | AMP | l/min | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 |
| 1029506* | 2CRm 80 - N | 0.37 | 0.50 | 2.2 | H metres | 27 | 26 | 25 | 24 | 22.5 | 21 | 20 | 16.5 | 13 | 9 | 5 | / | / | / | / | / | / |
| 1000259* | 3CRm 80 - N | 0.45 | 0.60 | 3.3 | | 40 | 38 | 37 | 36 | 34.5 | 33 | 31 | 27 | 22.5 | 17 | 11 | 5 | / | / | / | / | / |
| 1000272* | 4CRm 80 - N | 0.55 | 0.75 | 3.8 | | 52 | 50 | 49 | 47 | 44.5 | 42 | 40 | 34 | 28.5 | 22.5 | 16 | 10 | / | / | / | / | / |
| 1019163* | 5CRm80 - N | 0.75 | 1 | 5.5 | | 67 | 66 | 64 | 62 | 59 | 56 | 53 | 44.5 | 37.5 | 29.5 | 20.5 | 12 | / | / | / | / | / |
| 1030752* | 4CRm100 - N | 0.75 | 1 | 5.8 | | 50 | 50 | 49 | 48 | 47 | 46 | 45 | 42 | 39.5 | 37 | 34 | 30.5 | 26.5 | 22 | 17 | 11 | 5 |

*The declared performances are valid for liquids with density 1.0 kg/dm³ and kinematic viscosity 1mm²/s. Pump & motor complete with Press Multi controller.

| | | | | | | | | | | | | | | | | | | | | | | |
|-----------|------------------|------|------|-----|----------|----|----|----|----|------|------|----|----|------|----|----|------|------|----|----|----|---|
| 1030892** | 3CR80VSD230/3PH | 0.45 | 0.60 | 2.5 | H metres | 40 | 38 | 37 | 36 | 34.5 | 33 | 31 | 27 | 22.5 | 17 | 11 | 5 | / | / | / | / | / |
| 1030894** | 3CR100VSD230/3PH | 0.55 | 0.75 | 3.4 | | 38 | 37 | 36 | 35 | 34.5 | 33.5 | 33 | 31 | 28 | 26 | 23 | 20 | / | / | / | / | / |
| 1030895** | 4CR100VSD230/3PH | 0.75 | 1 | 4.5 | | 50 | 50 | 49 | 48 | 47 | 46 | 45 | 42 | 39.5 | 37 | 34 | 30.5 | 26.5 | 22 | 17 | 11 | 5 |

Multipack

EPS has designed a unique water boosting solution in the form of customisable slimline tanks. These tanks are constructed from WRAS approved material and are available in 50 Ls, 100 Ls and 200 Ls.

Due to the large selection and availability of pumps and motors in stock, these units can be designed and built specifically for individual applications especially where space is a premium.



MULTIBOOST

Assist Tanks

Assist Tanks

The Multiboost is a single pump booster set for cold water storage with capacity options ranging from 125L to 1000L. By simply adding an additional 'slave' tank, water storage capacity can be increased.

Compact

| Product Code | Model | HEIGHT | LENGTH | WIDTH |
|--------------|----------------|--------|--------|-------|
| 1019647 | 125L tank only | 767mm | 560 mm | 490mm |



Slimline

| Product Code | Model | HEIGHT | LENGTH | WIDTH |
|--------------|----------------|--------|--------|-------|
| 1012940 | 200L tank only | 1190mm | N/A | 584mm |
| 1005122 | 300L tank only | 1580mm | N/A | 584mm |



Utility

| Product Code | Model | HEIGHT | LENGTH | WIDTH |
|--------------|----------------|--------|--------|-------|
| 1005121 | 250L tank only | 1033 | N/A | 760 |
| 1005123 | 500L tank only | 1393 | N/A | 760 |
| 1028894 | 650L tank only | 1083 | 1083 | 669 |
| 1005124 | 750L tank only | 2113 | N/A | 760 |



| Product Code | Model | HEIGHT | LENGTH | WIDTH |
|--------------|-----------------|--------|--------|-------|
| 1005125 | 1000L tank only | 1444 | 1688 | 563 |



Rectangular

| Product Code | Model | HEIGHT | LENGTH | WIDTH |
|--------------|----------------|--------|--------|-------|
| 1036383 | 200L tank only | 540 | 1106 | 475 |
| 1021215 | 270L tank only | 456 | 1571 | 475 |
| 1070475 | 455L tank only | 525 | 1765 | 580 |



| Product Code | Model | HEIGHT | LENGTH | WIDTH |
|--------------|----------------|--------|--------|-------|
| 1016971 | 300L tank only | 710 | 1045 | 665 |
| 1016972 | 500L tank only | 800 | 1190 | 727 |



Xilent

| Product Code | Model | HEIGHT | LENGTH | WIDTH |
|--------------|----------------|--------|--------|-------|
| 1040431 | 210L tank only | 1211 | 570 | 512 |



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MULTIBOOST
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Mountrath, Co. Laois
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Naas, Co. Kildare
 045 843614