

# THE VADA PUMP RANGE

Including the new  
**Vada Rain2Main**  
Automatic Rainwater  
Controller



  
**vada**

**Not all pumps are born equal. Vada pumps are tough. Powerful. Hardworking. They're serious pumps for serious jobs. If water needs to be moved efficiently and effectively - whether it's from a domestic water tank to the rose garden or from a dam to the fields on a working farm - the Vada range of Multistage, Jet, Tank Flow and Sump Pumps will help get the job done.**

---

<b>Pressure Systems</b>	<b>2-4</b>
- Horizontal Multistage	2
- Jet Pumps	3
- Submersible	4

---

<b>Water Transfer</b>	<b>2-4</b>
- Horizontal Multistage	2
- Jet Pumps	3
- Submersible	4

---

<b>Pressure Controller</b>	<b>5</b>
----------------------------	----------

---

<b>Vada Rain2Main Automatic Rainwater Controller</b>	<b>6</b>
--	----------

---

<b>Sump Pump</b>	<b>7</b>
------------------	----------

---

<b>Tank Flow Pump</b>	<b>8</b>
-----------------------	----------

---

<b>Circulator Pump</b>	<b>9</b>
------------------------	----------

---

# Pump Types

## Pressure System

Pressure systems are designed for the distribution and boosting of clean domestic water. Pressure systems are ideally suited for household water pressure and garden irrigation.

The Vada range offers you the choice of jet assisted centrifugal pumps or multistage centrifugal pumps coupled with either the Vada Rain2Main Auto Rainwater Controller or the V-PC Auto Pressure Controller.

**V-PC Auto Pressure Controller** for steady and reliable flow of water. The V-PC starts the pump as soon as an outlet is open and keeps running until it is closed, eliminating pressure fluctuations. It also protects the pump by turning it off should the water supply be interrupted.

- Ideal for boosting low water pressure in homes where the incoming municipal water supply pressure is inadequate.
- Increase water pressure from underground or surface water supplies.
- Automatic water transfer.
- Applications where pressure “cycling” must be avoided or where the pump may have interrupted water supply.

**Vada Rain2Main Auto Rainwater Controller** performs the same functions as the V-PC with the added benefit of allowing a dual water source system where rainwater is given priority over mains water for everyday applications such as filling the washing machine or flushing the toilet.



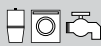



- Maximise the benefits of installing a rainwater tank, the Vada Rain2Main senses whether rainwater is available in the tank and automatically selects the appropriate water source - reverting to mains if the tank is empty or in the event of power failure.
- Unique design avoids high losses in pressure, meaning the Vada Rain2Main can be used for a broader range of applications including garden irrigation (pop-up sprinklers).
- True compliance - water switching, not water mixing. Unlike other products, the Vada Rain2Main does not mix rain water and mains water thereby maximising your water savings.

## Water Transfer

The Vada range of self priming pumps are suited to a wide variety of water supply and transfer duties in home, garden and hobby applications as well as in agriculture and horticulture - wherever a reliable water supply is needed. For example these pumps can be used for irrigation (in conjunction with an irrigation controller and pump start relay) or used for transfer of water from one location to another e.g. tank to tank.

## Flow Chart

This chart is a guide only for applications where rainwater is used to supplement a mains supply. For other applications please consult the flow curves on the following pages.

Usage							
Single Storey Home	Jet Pump	V60-J		V90-J		---	
	Horizontal Multi Stage	V80-H			V110-H		
	Submersible	---	V75-S				---
Double Storey Home	Jet Pump	V60-J		V90-J		---	
	Horizontal Multi Stage	V80-H			V110-H		
	Submersible	---	V75-S				---
<b>Jet Pump</b>	Although noisier than multi stage or submersible pumps, these pumps are great for situations where high suction lift is required.	<b>Horizontal Multi Stage</b>	Excellent efficiency makes these pumps ideal for high pressure applications and where low noise levels are required.	<b>Submersible</b>	Ideal where space is at a premium, vandalism may be an issue or silent operation is required.		

# Multistage Pumps

The Vada horizontal multistage pumps combine the functional benefits of centrifugal pumps and the practical benefits of self priming pumps. Offering a pump that delivers high hydraulic pressure and flow rate performance.

**Stainless Steel motor Shaft & Pump Casing**  
Corrosion resistant and tough

**Precision Moulded components**  
High Efficiency, Low noise

**Pump Inlet**  
25mm BSP Female

**Pump Outlet**  
25mm BSP Female



## Pressure System

## Water Transfer



**9501389**  
V80-H Horizontal Multistage Pump with V-PC Auto Pressure Control



**9501384**  
V80-H Horizontal Multistage Pump with Vada Rain2Main



**9500731**  
V80-H Horizontal Multistage Pump



**9501390**  
V110-H Horizontal Multistage Pump with V-PC Auto Pressure Control



**9501385**  
V110-H Horizontal Multistage Pump with Vada Rain2Main

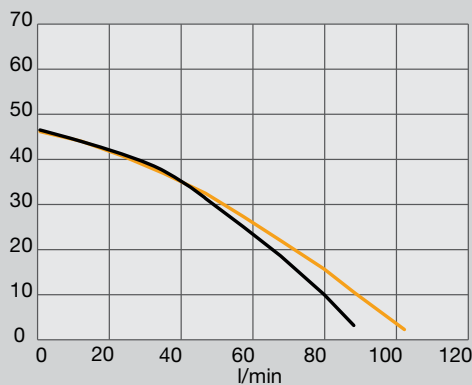


**9500732**  
V110-H Horizontal Multistage Pump

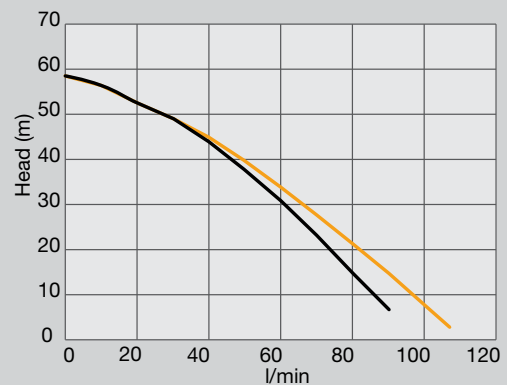
## Applications

Household pressure systems, garden irrigation, or water transfer. Excellent efficiency makes these pumps ideal for high pressure applications and where low noise levels are required.

**V80-H**



**V110-H**



# Jet Pumps

The Vada series of self priming jet pumps combine the functional benefits of centrifugal pumps and the practical and qualitative benefits of self-priming pumps. The pumps are fitted with a Venturi system guaranteeing optimum hydraulic efficiency and great performance under high suction lift applications.



**Stainless Steel motor Shaft & Pump Casing**  
Corrosion resistant and tough

### Venturi System

Lifts water from wells and low water sources

### V60-J Pump

**Inlet** 25mm BSP Female  
**Outlet** 25mm BSP Female

### V90-J Pump

**Inlet** 32mm BSP Male  
**Outlet** 25mm BSP Female

### Pressure System

### Water Transfer



**9501387**  
V60-J Jet Pump with V-PC Auto Pressure Control



**9501382**  
V60-J Jet Pump with Vada Rain2Main



**9500729**  
V60-J Jet Pump



**9501388**  
V90-J Jet Pump with V-PC Auto Pressure Control



**9501383**  
V90-J Jet Pump with Vada Rain2Main

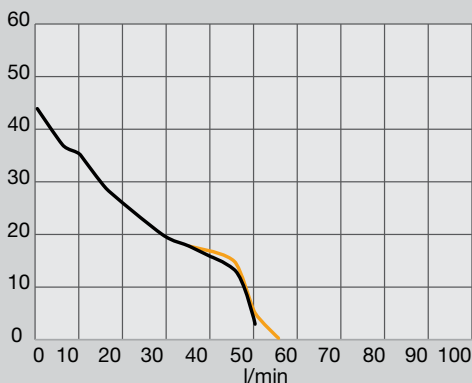


**9500730**  
V90-J Jet Pump

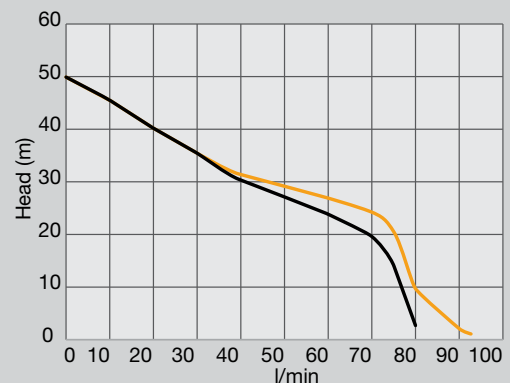
## Applications

Household pressure systems, garden irrigation, or water transfer. Perfect for use where the water source is located below ground or water must be lifted from below the level of the pump.

**V60-J**



**V90-J**



# Submersible Pumps



Submerged in a tank or well, the V75-S is a completely silent multistage pump. Coupled with the V-PC Auto Pump Controller the V75-S becomes a complete home pressure system. Ideal where space is at a premium, vandalism may be an issue or silent operation is required.

### High efficiency moulded impellers

Lower running costs, high performance

### Stainless steel suction, shaft and casing

Corrosion resistant and tough

### Supplied with 20m cable and 20m drop cord

Ready to install and run

### Mechanical seal with oil chamber

Highest quality motor protection

### Motor internally cooled

Can run even partially submerged (maximum submergence 20m)

### Outlet

32mm BSP Female

## Pressure System

## Water Transfer



**9501391**  
V75-S Submersible Pump with V-PC Auto Pressure Control



**9501386**  
V75-S Submersible Pump with Vada Rain2Main

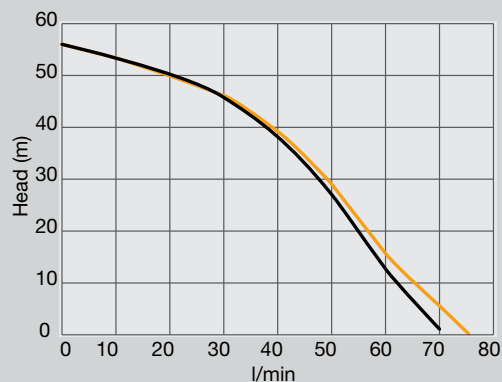


**9500733**  
V75-S Submersible Pump

## Applications

Silent household pressure systems, garden irrigation, or water transfer. Suitable for installation in traditional wells, water deposits, collection tanks, clear watercourses, lakes etc.

### V75-S



# Auto Pump Controller

The V-PC guarantees perfect control of household pressure pumps. In-built sensors are capable of simultaneously detecting both pressure and flow, using the information to control the pump and also protect it from abnormal running situations which could cause damage.

Completely automatic operation based on demand, the V-PC maintains constant pressure and temperature during delivery as the pump won't cycle. Plus, in-built loss of prime protection stops your pump from operating without water, preventing potential damage to your pump.

The V-PC also minimises the effects of water hammer, helping to protect household plumbing and appliances.



9500734

V-PC Auto Pressure Control

## Replaces the traditional expansion tank system

Far more compact than a tank, with reduced maintenance

## Operates the pump in accordance with demand

Completely automatic operation

## Maintains constant pressure during delivery

Keeps pressure and temperature constant for great showers

## Stops the pump on loss of prime

Protects the pump, reducing service costs

## Reduces the effect of water hammer

Protects household plumbing

## Pre-Wired Plug and Play

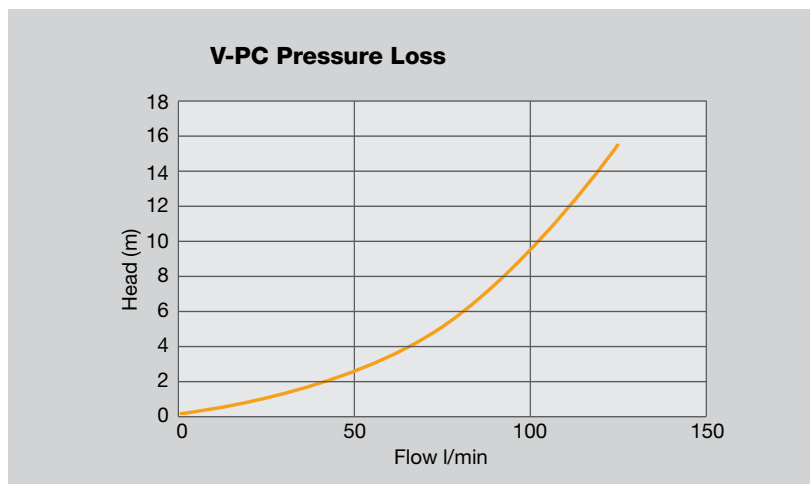
No need for Electrician to install

## Inlet/Outlet

25mm BSP male

## Applications

Compatible with the Vada range of Jet, Horizontal Multistage and Submersible pumps.



# Vada Rain2Main

## Automatic Rainwater Controller

The WaterMark approved Vada Rain2Main is an automatic rainwater controller utilised in dual water source systems where rainwater is given priority over mains water for everyday applications such as filling a washing machine or flushing a toilet. It senses whether rainwater is available in the tank and automatically selects the appropriate water source, ensuring the benefits of a rainwater tank are fully maximised

### Unique design avoids high losses in pressure

The Vada Rain2Main can be used for a broader range of applications including garden irrigation i.e. (pop-up sprinklers). Maximum mains water pressure = 1000kPa.

### High-flow design

It provides optimum energy efficiency and lower running costs by allowing smaller, more efficient pumps to be used.

### Pre-wired plug & play

No need for electrician to install.

### True compliance – water switching, not water mixing

Unlike other products, the Vada Rain2Main does not mix rain water and mains water.

### No need for a float switch

Allows for quicker and easier installation

### In-built backflow protection

Integrated dual check valve (mains) and single check valve on pump delivery eliminates backflow and siphoning.

### Inlets/Outlet

25mm BSP female



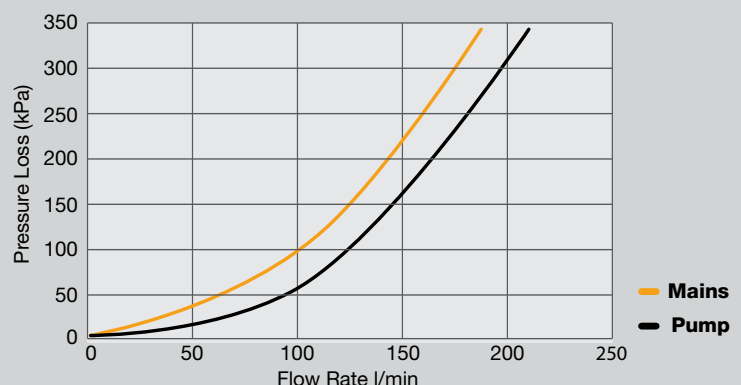
**9501393**  
**VADA RAIN2MAIN**  
**WALL MOUNT**  
**ACCESSORY KIT**  
For use with the V75-S submersible pump or remote mounting of the Rain2Main unit.

**9500754**  
Vada Rain2Main Automatic  
Rainwater Controller

## Applications

Compatible with the Vada range of Jet, Horizontal Multistage and Submersible pumps.

Pressure Loss Vs Flow Rate



# Sump Pump

The Vada V150 sump pump features strong and durable cast iron construction for long pump life. The Vortex impeller is capable of handling soft solids up to 15mm O.D. at a 10% content or fine solids at 1% concentration. Supplied as standard with a 6m power cable length and connections to suit 32mm, 25mm and 20mm.

## Cast Iron Construction

Strong and durable for longer pump life

## Vortex Impeller

Capable of handling soft solids up to 15mm

## Optimum Performance

4 Metres Head

80 Litres Per Minute

## Automatic Float Switch Operation

Protection against pump running dry

## Lip Seal and Dual Mechanical Seal

Improved service life

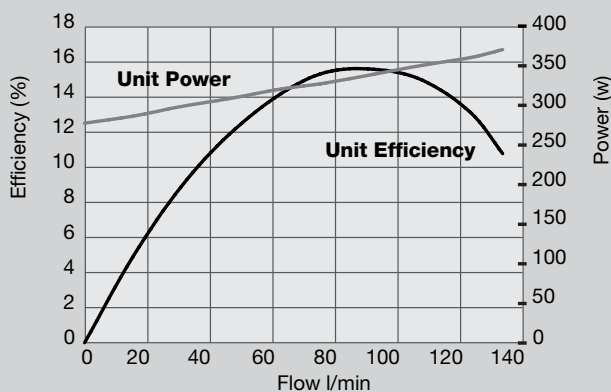


9500728  
V150 Sump Pump

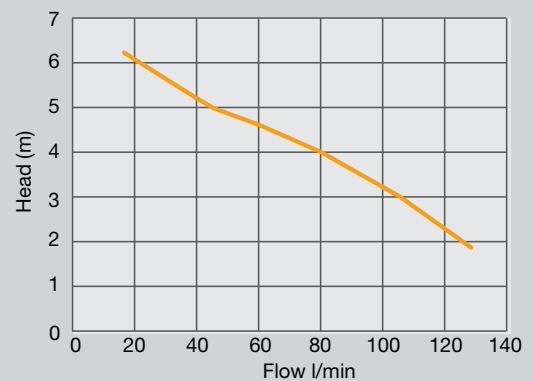
## Applications

A handy asset to plumbers, drainers and for household applications. Applications include septic effluent disposal, water transfer, grey water and sump pumping.

### Efficiency Chart



### Performance Chart



# Tank Flow Pump

The Vada V33-TF Tank Flow is a reliable and economical pump that is easy to install. The V33-TF comes complete with an automatic pressure control for easy operation and in-built loss of prime protection stops your pump from operating without water, preventing potential damage to your pump.

## Electrophoresis coating

Protects pump internals from corrosion for increased life

## Hard wired Pressure Control

Protects pump from running dry and maintains constant pressure

## Cast Iron Construction

Strong and durable for longer pump life

## Inlet

25mm BSP female

## Outlet

25mm BSP male

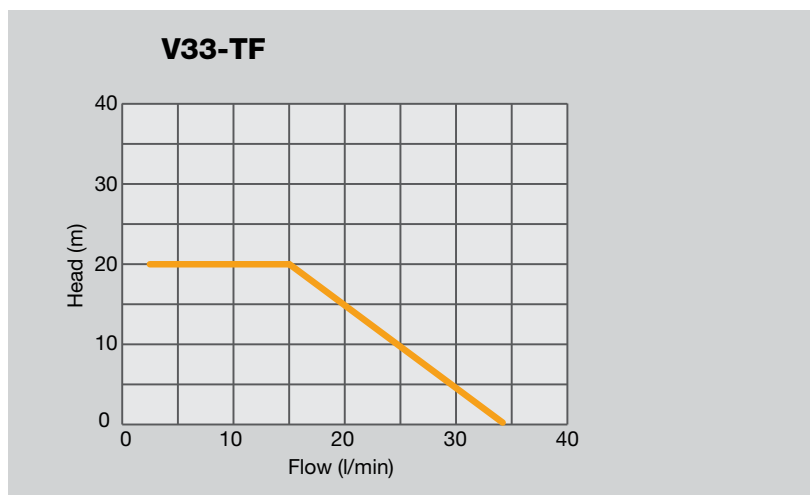


1907385  
V33-TF Tank Flow Pump

## Applications

Ideal for rainwater tank connection where a single tap is to be operated. (e.g. garden watering with a hand held hose)

Not suitable for connection to the home e.g. toilet flushing or washing machine.



# Circulator Pump

The VADA V2060-C Circulator Pump is designed for the circulation of hot water in heating and domestic hot water systems. It is capable of handling liquids up to 110°C.

### 3 Speed Operation

Flexibility in system design and performance

### DR Brass Pump Housing

Suitable for use on both open and closed systems

### Built in thermal protection

Prevents damage to the pump through overheating

### Barrel Unions Included

Quick and easy connection

### Maximum operating pressure

1000 kPa

### Maximum flow rate

60 l/min



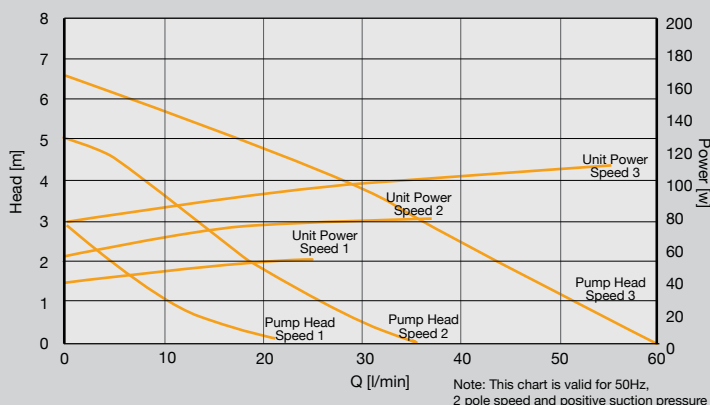
9502295

V2060-C Circulator Pump

## Applications

For the circulation of hot water in heating and domestic hot water systems. Suitable for use on both open and closed systems.

### Hydraulic Performance & Power Consumption



**Reece. Works for you.™**

Call **1800 032 566** or visit **[www.reece.com.au](http://www.reece.com.au)**

Due to limitations in the printing process the colours in this brochure are a guide only.  
The manufacturer/distributor reserves the right to vary specifications or delete models from their range without prior notification. The manufacturer/distributor takes no responsibility for printing errors.

V2 [BROCHURE CODE 2130134]

