



THE VADA PUMP RANGE



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www.reece.com.au/productquality

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.

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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 Multistage	V80-H			V110-H		
	Submersible	V35-S					---
Double Storey Home	Jet Pump	V60-J		V90-J			---
	Horizontal Multistage	V80-H			V110-H		
	Submersible	V35-S					---
		---	V75-S				
				V75-S			---
Jet Pump	Although noisier than multistage or submersible pumps, these pumps are great for situations where high suction lift is required.	Horizontal Multistage		Excellent efficiency makes these pumps ideal for high pressure applications and where low noise levels are required.		Submersible	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



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.

Also available as
Ready2Go
See page 5

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

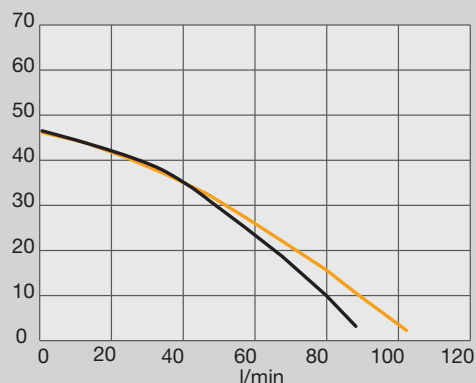


9501385
V110-H Horizontal Multistage Pump with Vada Rain2Main

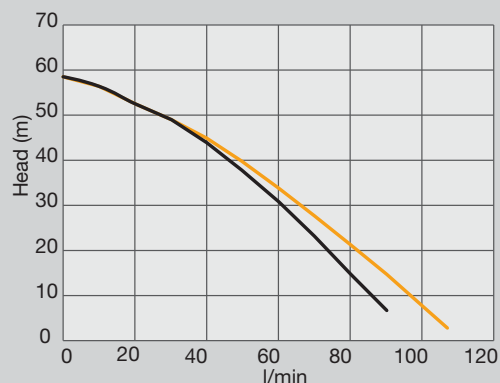


9500732
V110-H Horizontal Multistage Pump

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



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.

Also available as
Ready2Go
See page 5



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

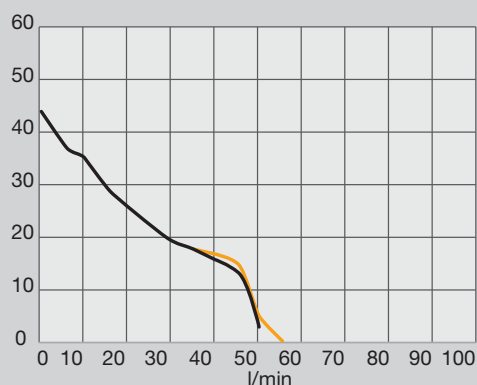
V90-J Jet Pump
with Vada Rain2Main



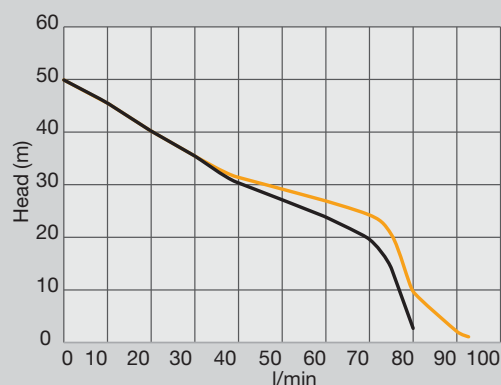
9500730

V90-J Jet Pump

V60-J

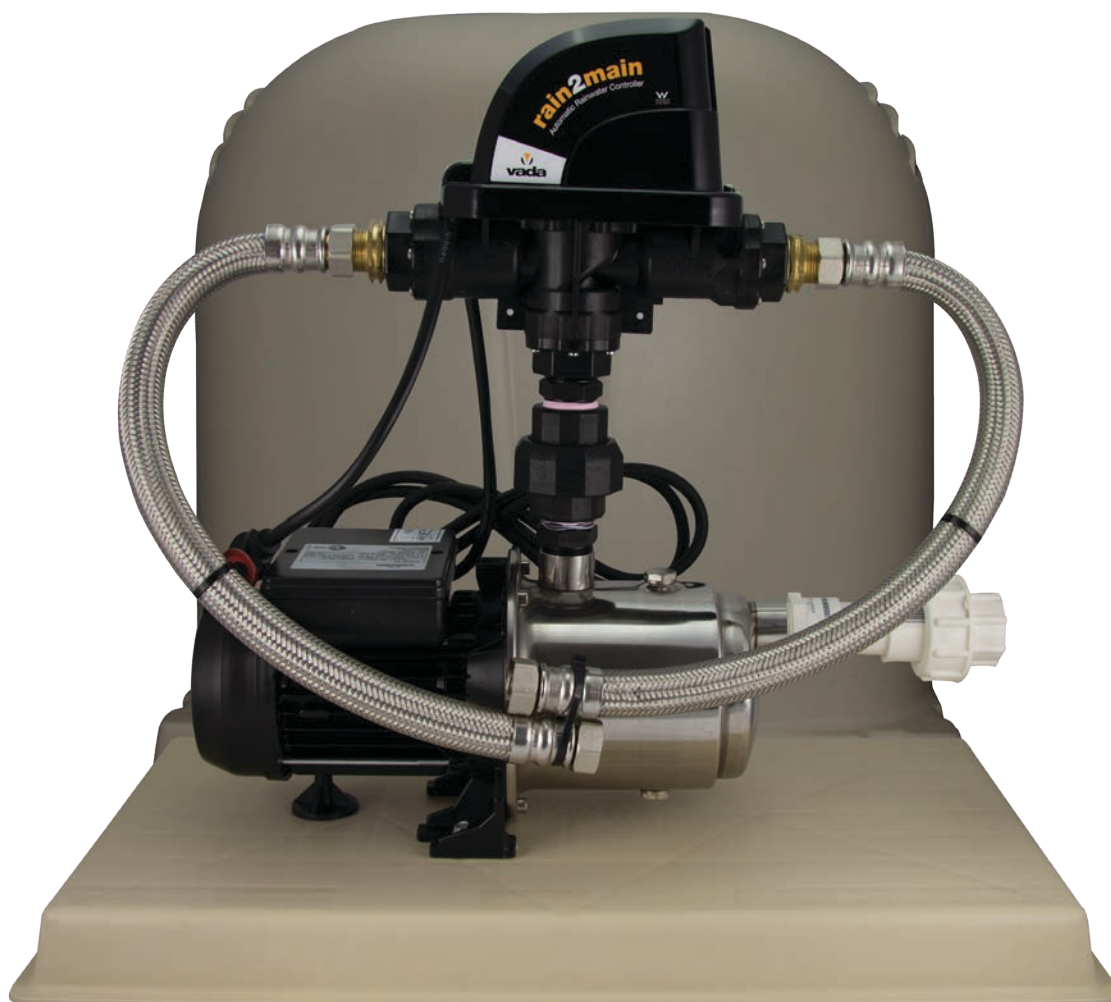


V90-J



Ready2Go

Complete Automatic Rainwater Control System



Fully Assembled Complete System

Ready to Install

Quick Installation

Save up to 45 minutes in time

Pump cover colours available



Charcoal



Merino



Rivergum

Includes

- Assembled Vada Rain2Main and pump mounted on base
- Flexible hoses, fittings and barrel union
- Protective slimline pump cover

Product Codes

9501413	Vada V60-J & Rain2Main Ready2Go	Merino
9501415	Vada V60-J & Rain2Main Ready2Go	Rivergum
9501417	Vada V60-J & Rain2Main Ready2Go	Charcoal

9501414	Vada V80-H & Rain2Main Ready2Go	Merino
9501416	Vada V80-H & Rain2Main Ready2Go	Rivergum
9501425	Vada V80-H & Rain2Main Ready2Go	Charcoal

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



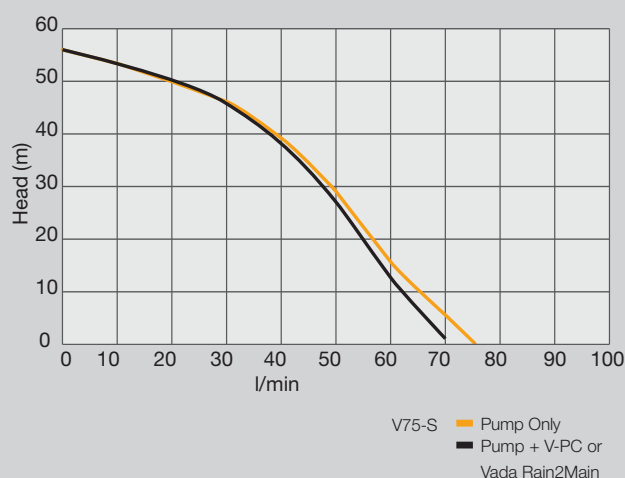
9501386
V75-S Submersible Pump with Vada Rain2Main



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.



Submersible Pumps

The Vada V35-S is a multistage submersible pump designed to provide water from your tank to your garden or house. Because it is submerged, the V35-S operates silently, and takes up no space at ground level.

Stainless steel shaft and casing

Corrosion resistant and tough

Supplied with 10m cable

Convenient installation

Dual seals

Reliable operation

Outlet

32mm BSP Male



Pressure System

Water Transfer



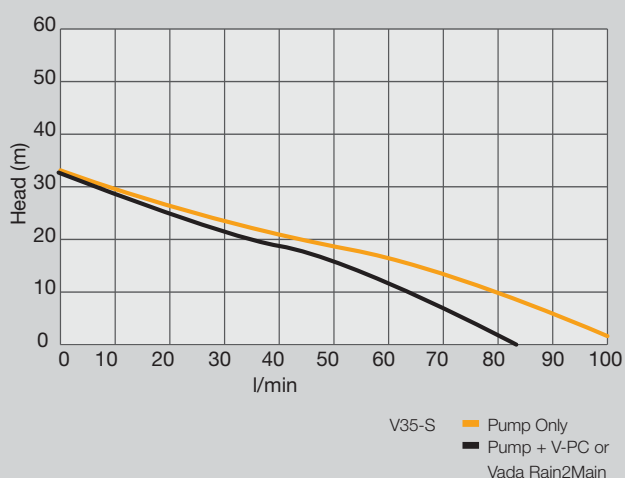
9501485
V35-S Submersible Pump with V-PC Auto Pressure Control

9501430
V35-S Submersible Pump with Vada Rain2Main

9501412
V35-S Submersible Pump

Applications

Silent household pressure systems, garden irrigation, or water transfer.



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

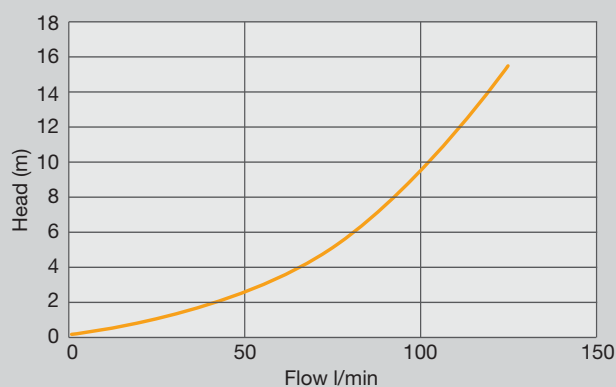
Inlet/Outlet

25mm BSP male

Applications

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

V-PC Pressure Loss



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.

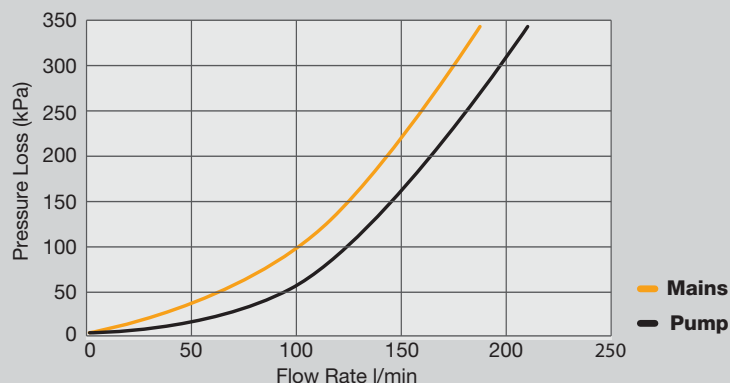
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Vada Rain2Main Automatic Rainwater Controller

Applications

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

Pressure Loss Vs Flow Rate



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



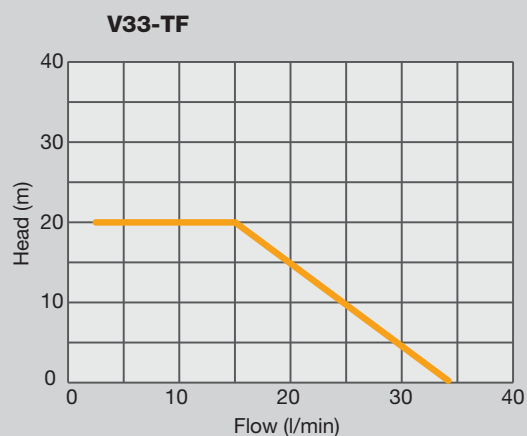
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V33-TF Tank Flow Pump

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.



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



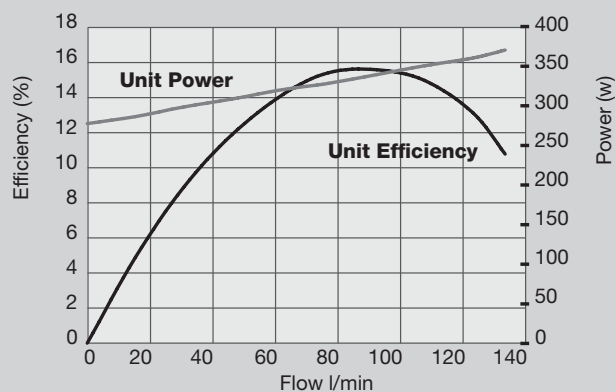
Applications

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

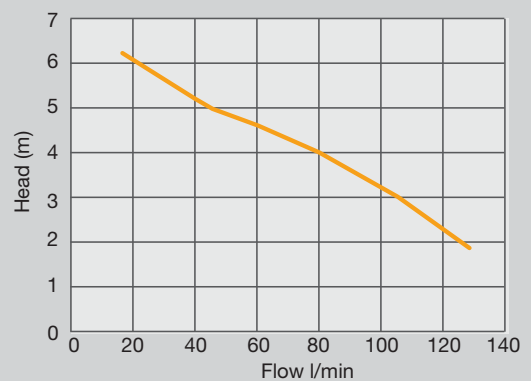


9500728
V150 Sump Pump

Efficiency Chart



Performance Chart



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

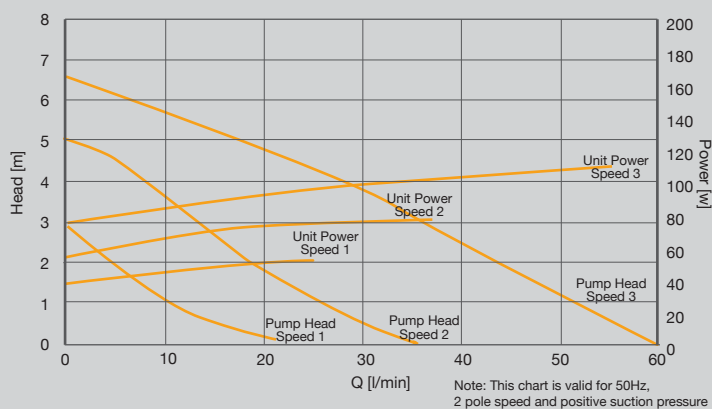


9502295
V2060-C Circulator Pump

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



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