

DAVEY

RainBank[®]

Collect It. Re-Use It.

Ideal for rainwater harvesting on homes, garden irrigation and toilet blocks, Davey RainBank uses patented, uncomplicated technology to provide a dependable solution for rainwater harvesting.



daveywater.com

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The Davey RainBank and RainBank EVO the original and market leading household water saving devices in their field.

When fitted to your tank, RainBank and RainBank EVO use the tank water first, directing to your water appliances such as your toilet, laundry and outdoor applications like irrigation and washing the car.

If the tank is low or empty, RainBank and RainBank EVO automatically senses this and switches to use mains water. In the event of a power shortage it has been designed to operate without the pump and revert back when power supply is re-established.

- Market-leading RainBank and RainBank EVO, is the smartest choice in rainwater harvesting controllers
- Designed and made by Davey an Australian owned company making dependable products in Australia for over 90 years.
- Easily installed RainBank EVO Each pipe connection has swivel barrel unions, making installation easy.
- High flow design allows maximum pump performance for high efficiency delivery of water up to 90 litres per minute for municipal toilets and laundries.
- High efficiency design allows for smaller pumps to be used, therefore saving energy.
- Float or No Float options - for surface mounted RainBank installations.
- No "easy to block and jam" solenoid valves.
- Seamless, positive water source selection with no mixing of tank and mains water.
- Clog and blockage free flat plate water flow detector with no moving parts to increase lifetime.
- Emergency override button in the event of no mains supply.
- Supported by a professional, trained service network.
- Primary and secondary filtration fitted as standard for RainBank EVO.

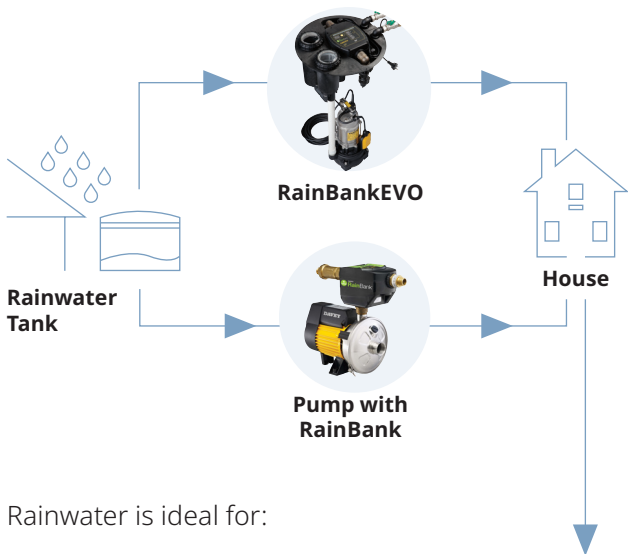
** Check regulations with your local council*

/ water authority for rainwater:

- use in hot water systems

- backflow prevention requirements

- garden watering restrictions / allowances



Rainwater is ideal for:

- **Flushing toilets** – rainwater is free of dissolved metals that could stain your toilet and is the most environmentally friendly way to flush
- **Washing clothes** – rainwater is naturally soft and chemical free, making soaps work well and clothes sparkle
- **Watering gardens** – rainwater on a garden is just as nature intended and can also be used to top up pools
- **Washing cars** – avoid water restrictions and wash your pride and joy with soft chemical free rainwater that won't leave streaks



Please note there are multiple ways to configure the Davey Rainbank controller and pump, this diagram shows two of the more typical options



It is possible to reduce your mains water consumption by as much as 40% or more with a RainBank, when connected to a rainwater tank.

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Points to consider when purchasing a Rainwater Harvesting device

	RainBank	Other Rainwater Harvesting Systems
Is the system easy to install?	Yes - Neat & tidy pump and controller combination	Require multiple components (pump, controller & solenoid valve) complicating the installation
Is user intervention required when the tank fills from empty?	No - RainBank automatically checks every 24 hours to ensure your tank water is always used first	Yes – some systems require the user to press a button on the controller. Until this is done, mains water is always sourced
Does the system limit mains pressure to a very low pressure?	No, RainBank offers great pressure handling at 900kPa	Some other systems limit incoming mains to 200kPa, resulting in slow filling of toilet systems and difficulty reaching to a second storey
If I have a slow leak, will the pump turn on?	RainBank has smarts built in and will only turn on when water demand is greater than 1.5 lpm and source from the mains instead	Other systems turn the pump on each time resulting in nuisance pump noise, unnecessary pump wear and higher energy costs
Is the system supplied with the necessary dual check valves/ backflow prevention devices?	Yes	Some systems require purchase of these valves separately
What is the pressure loss through the system?	RainBank's innovative design keeps pressure losses to a minimum	Some other systems incorporate multiple components & valves leading to high pressure loss through the system
What are the ongoing operating costs?	Energy cost of the pump when using water from the tank	Some systems fill mains to the tank and then pump to the home. The result is higher operating costs and greater pump wear as the pump is running each time water is used
Warranty	3 years	2 years



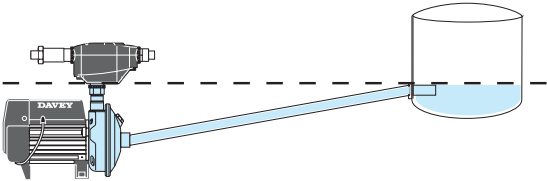
HOW IS THE FLOATLESS RAINBANK DIFFERENT TO A STANDARD RAINBANK?

- Floatless RainBank is only suited to flooded suction applications.
- The Floatless RainBank controller automatically detects the positive pump pressure indicating that water is available in the tank without the need for a float. Standard RainBank identifies presence of the water in the tank via the external float switch.
- If Floatless RainBank is installed in applications that are not on a flooded suction, an external float can easily be fitted. When connected to the flying lead, the presence of this connection overrides the programming and

RainBank Models	Flooded Suction	Suction lift	In tank option	Higher flows	Higher Pressures
Floatless	Y	-	-	Y	Y
Surface Mounted	Y	Y	-	Y	Y
Submersible	-	-	Y	Y	Y
In a Cabinet	Y	Y	Y	Y	Y

RainBank - Floatless models for surface mounted applications*

Model	Includes	Application	Flow @ 200kPa
KRB1NF	RainBank with HP45-05	Single storey homes	40 lpm
KRB2NF	RainBank with HS50-06	Double storey homes	46 lpm



Lowest tank water level needs to be higher than the top of the pump to keep pump primed with water

*suited to flooded suction only



KRB1NF



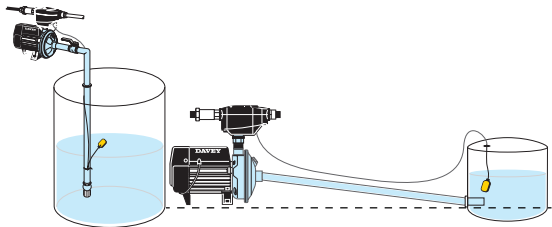
KRB2NF



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Rainbank products

Surface mounted models with top entry float switch

Model	Includes	Application	Flow @ 200kPa
KRBX1	RB2 & SJ35-04pump	Single Storey homes	25 lpm
KRB1	RB2 & HP45-05 pump	Single Storey homes	40 lpm
KRB2	RB2 & HS50-06L pump	Double Storey Homes	46 lpm
KRB3	RB2 & HM60-08 pump	Multi-storey homes	60 lpm
KRB4	RB2 & HM90-13 pump	Multi-storey homes	80 lpm



KRB1



KRB2



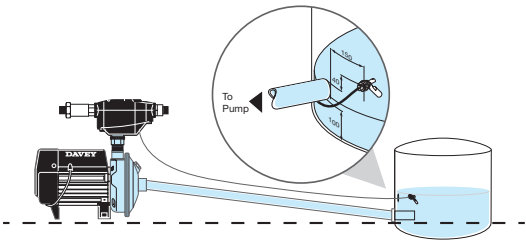
KRBX1



KRB3

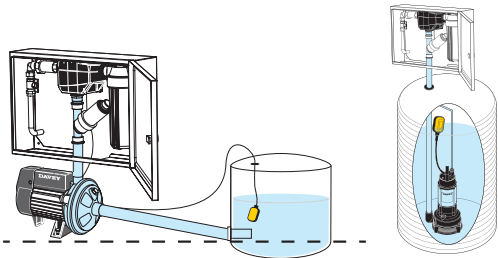
RainBank - Surface mounted with side entry float

Model	Includes	Application	Flow @ 200 kPa
KRBX1F	RB2 & SJ35-04	Single Storey Homes	25 lpm
KRB1F	RB2 & HP45-05	Single Storey Homes	40 lpm
KRB2F	RB2 & HS50-06L	Double Storey Homes	46 lpm



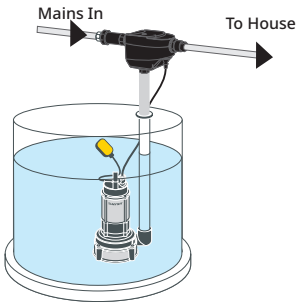
Cabinet mounted RainBank for security in a lockable cabinet

Model	Includes	Application	Flow @ 200 kPa
KRBCAB1F	RB2CAB & HP45-05	Surface mounted, Single Storey homes	40 lpm
KRBCABS1/20	RB2CAB & D42A/B 20	Submersible, Single Storey homes	40 lpm
KRBCABS2/20	RB2CAB & D53A/B20	Submersible, Double Storey Homes	63 lpm



Submersible pump models with float for quieter running, cleaner installation

Model	Includes	Application	Flow @ 200 kPa
KRBSA1	RB2/S & D23A/B	1-2 taps	10 lpm
EVO2	Pre-wired kit including D42A/B	1-2 taps	28 lpm
KRBS1	RB2/S & D42A/B	Single Storey Homes	40 lpm
KRBS1/20	RB2/S & D42A/B20 (with 20m lead)	Single Storey Homes	40 lpm
KRBS2	RB2/S & D53A/B	Double Storey Homes	63 lpm
KRBS2/20	RB2/S & D53A/B20 (with 20m lead)	Double Storey Homes	63 lpm



KRBSA1



EVO2



KRBS2



KRBS2



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SELECTION GUIDE

FLOW

90 lpm

Up to 15 toilets
or large irrigation
systems



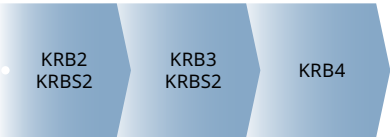
70 lpm

Larger homes
and families, 5+
bathrooms and
garden watering



50 lpm

Larger homes
and families, 3+
bathrooms and
garden watering



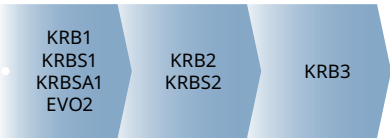
35 lpm

Average sized
homes, 1 to 2
bathrooms and
modern appliances



25 lpm

1 to 2 bathrooms
or appliances



PRESSURE

300 kPa

Single
Storey



500 kPa

Single or
Two Storey

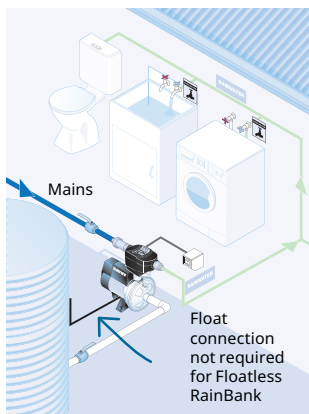


500 kPa

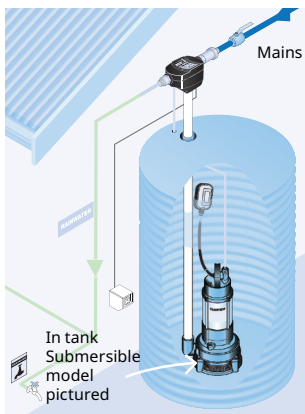
Two
Storey



TYPICAL INSTALLATIONS



Above Ground Options



In-tank Options

RainBank® is available as a kit with a range of dependable Davey pumps to suit a wide range of applications.



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For more information or to find
a Davey Dealer go to

daveywater.com or call 0800 654 333

Your nearest Davey Dealer:

H/O & MFG SCORESBY



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