DAVEY

# RainBank®

## Saves you up to 40% in water usage


daveywater.com

## Created by the experts at Davey, RainBank and RainBank EVO the original and market leading household water saving devices in their field.

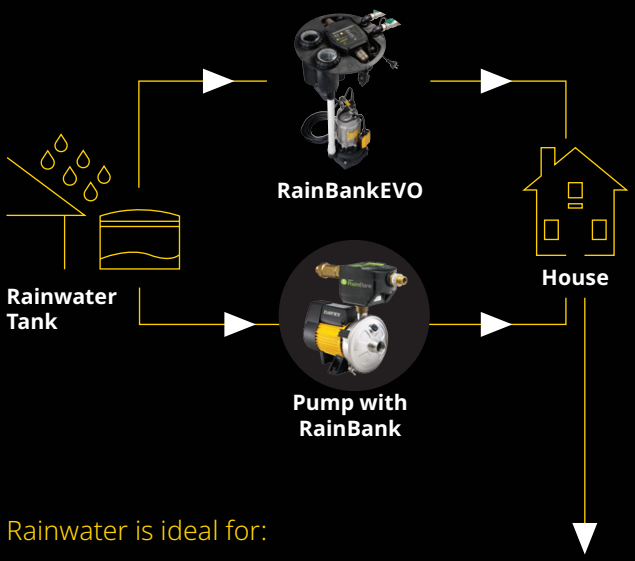
When fitted to your tank, RainBank and RainBank EVO uses the tank water first, directing to your water thirsty appliances such as your toilet, laundry and outdoor applications like irrigation and washing the car.

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; why?

- **Designed and made by Davey** an Australian owned company making dependable products in Australia for over 85 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 overide** 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

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

## 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** |

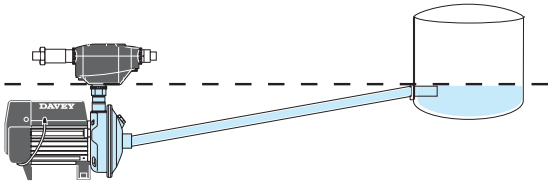
## How is the Floatless RainBank different to a standard RainBank?

- 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 operates in the same manner as a standard RainBank.

| 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

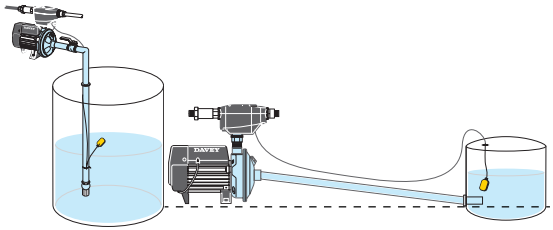
*suited to flooded suction only

KRB1NF

KRB2NF

## 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

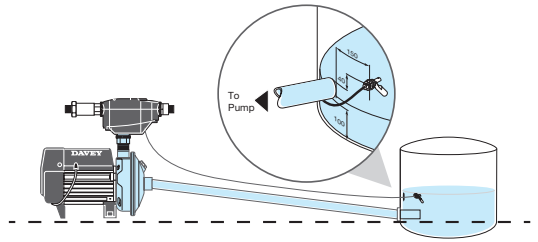
KRB2

KRBX1

KRB3

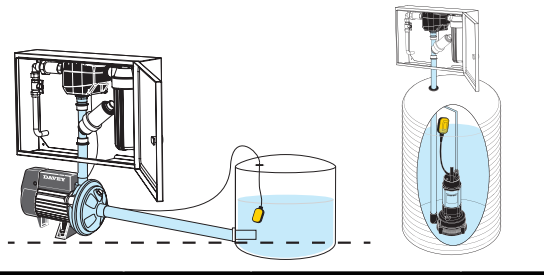
## RainBank - Surface mounted with side entry float

| 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 |



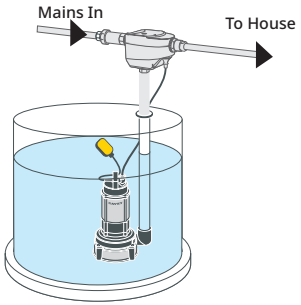

## Cabinet mounted RainBank for security in a lockable cabinet

| 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 |



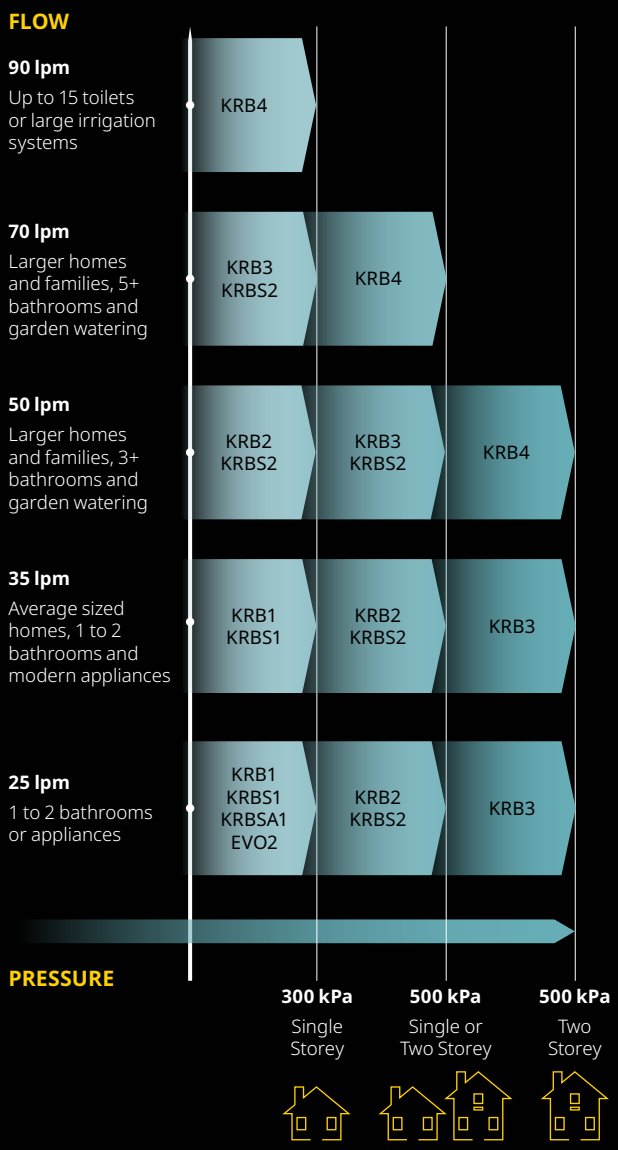
## Submersible pump models with float for quieter running, cleaner installation

| 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 |

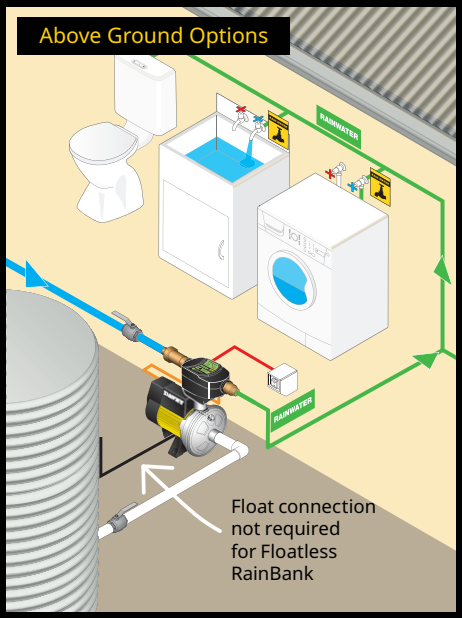


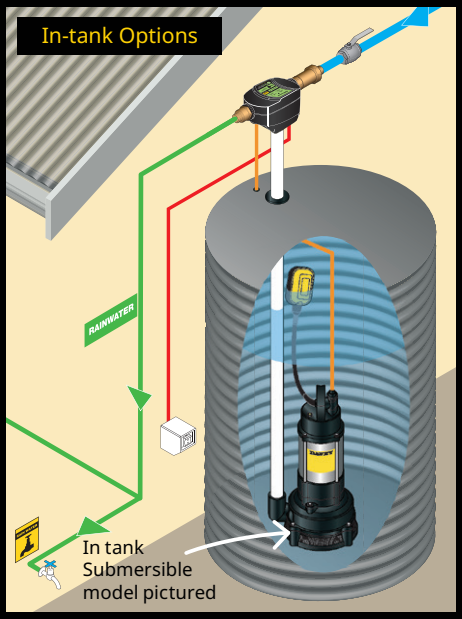

KRBSA1 EVO2 KRBS2 KRBS2

## Selection Guide




## Typical Installations



Your nearest Davey Dealer:

H/O & MFG SCORESBY

Certified System
Quality
ISO 9001

Certified System
Environment
ISO 14001

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