

# DAVEY



## DAVEY RainBank®

Model Numbers:

KRB1, KRB2, KRB1NF, KRB2NF, KRB3,  
KRB4, KRBX1, KRBS1, KRBS2, KRBSA1

GUARANTEE  
3 YEARS

### APPLICATIONS

Ideal for household and domestic water supply, farming and agricultural water systems, irrigation and turf watering systems and automatic general water transfer.

Tested in compliance with  
**AS/NZS 4020**  
for use in contact with safe drinking water

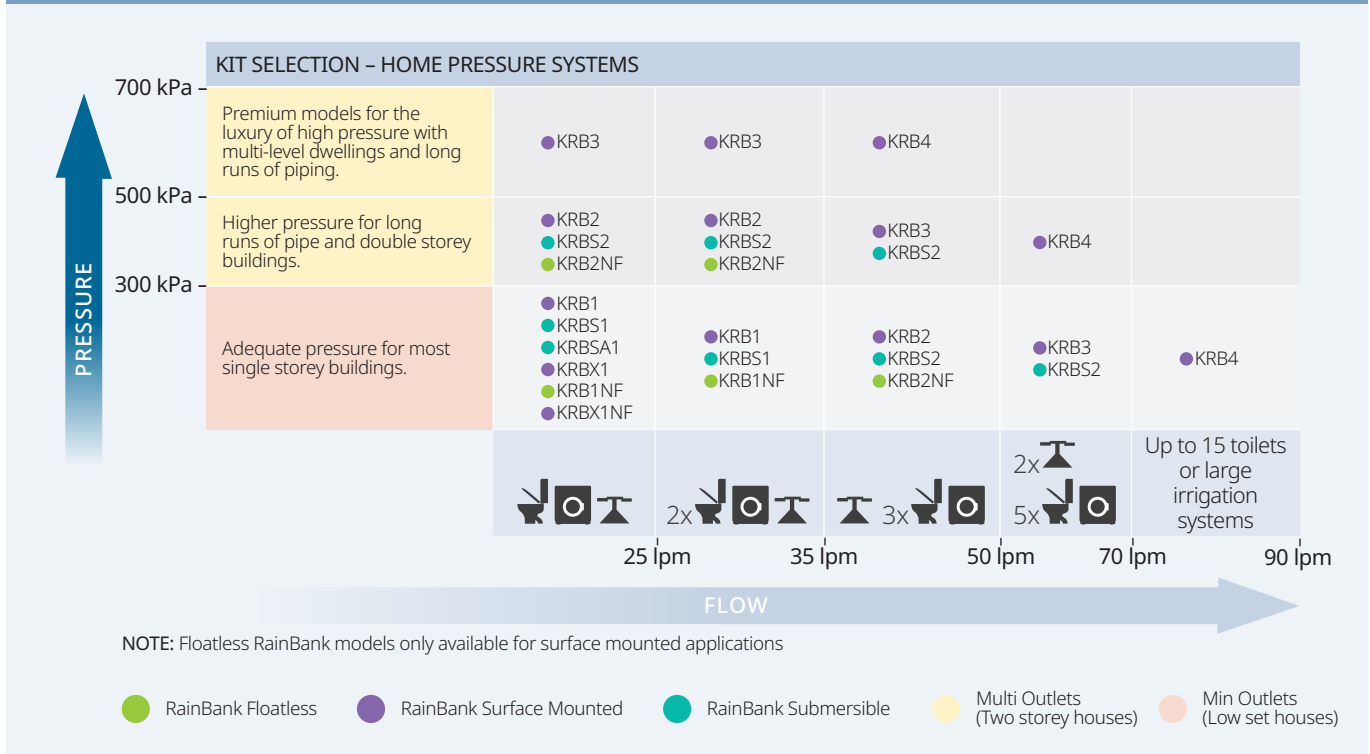
## DUAL SOURCE RAINWATER HARVESTING CONTROLLER

### FEATURES & BENEFITS

RainBank is a mains/tank water interconnection device sourcing rainwater as a priority with mains as a back up. Also suitable for exterior taps.

- **Option of Floatless, surface mounted and submersible "in tank" pump options** for installation convenience
- **Unique patented, yet uncomplicated technology**, providing a dependable solution to rainwater harvesting
- **Environmentally friendly:**
  - Saving water
  - Reduced inflow to stormwater systems
  - No re-pumping of mains water
  - Low power consumption in standby
- **No solenoid valves use**
- **Provides seamless mains back-up in the event of no rainwater or electrical interruptions**, for consumer convenience and comfort
- **Feedback lights** to indicate water source and faults
- **Built-in backflow protection valve (dual check valve) in compliance with the requirements of AS/NZS 3500-1** for added safety and assured protection of your mains water supply
- **Can be mounted on pump or on nearby wall** for easier installation and to suit a variety of applications. Best mounted near the laundry and away from bedrooms.
- **Simple to install with no adjustment necessary**, saving time and money at installation
- **Yellow LED** – fault condition

## SELECT THE RIGHT KIT FOR YOUR HOME



	RainBank Model	Pump Model	Float Type	Flow Rate @200kPa	Higher Pressure	Higher Flows
	<b>Surface Mounted - Floatless</b>					
	KRB1NF	HP45-05	Floatless	40 lpm	x	x
	KRB2NF	HS50-06	Floatless	46 lpm	✓	✓
	<b>Surface Mounted - Top Entry</b>					
	KRBX1	SJ35-04	Top Entry	25 lpm	x	x
	KRB1	HP45-05	Top Entry	40 lpm	x	x
	KRB2	HS50-06	Top Entry	46 lpm	✓	✓
	KRB3	HM60-08*	Top Entry	60 lpm	✓	✓
	KRB4	HM90-13*	Top Entry	80 lpm	✓	✓
	<b>Surface Mounted - Side Entry</b>					
KRBX1F	SJ35-04	Side Entry	25 lpm	x	x	
KRB1F	HP45-05	Side Entry	40 lpm	x	x	
KRB2F	HS50-06	Side Entry	46 lpm	✓	✓	
<b>Submersible</b>						
KRBSA1	D23A/B	Submersible Float	10 lpm	x	x	
KRBS1	D42A/B	Submersible Float	40 lpm	x	x	
KRBS2	D53A/B	Submersible Float	63 lpm	✓	✓	

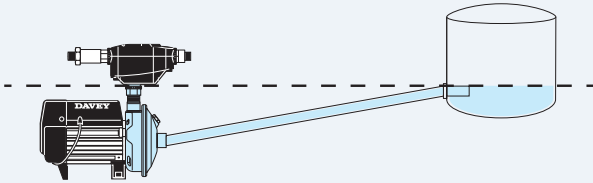
NOTE: HM models are suited to flooded suction applications

# Rainwater Harvesting

## FLOATLESS MODELS FEATURE:

- Benefit of a mains switching device without having to worry about a float
- Float can be easily be added if the application requires it
- Suited to flooded suction applications

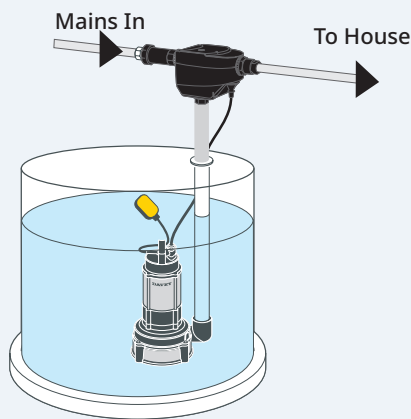
### Install it like this



## SUBMERSIBLE 'IN TANK' MODELS FEATURE:

- > Quieter running that can be a concern with smaller domestic lot sizes
- > Pump can not be tampered with by children or pets

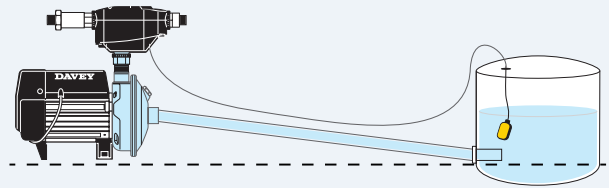
### Install it like this



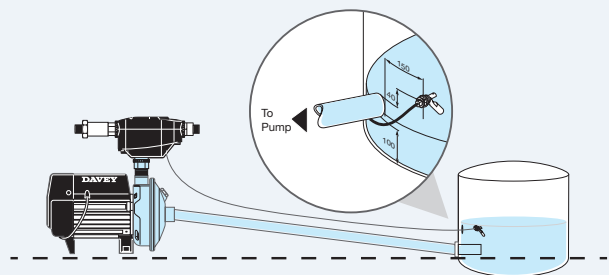
## SURFACE MOUNTED MODELS FEATURE:

- Higher pressure options and flow rates
- Option of top entry or side entry float
- Easy system access for maintenance and servicing
- In the event of a leak, this can be easily identified

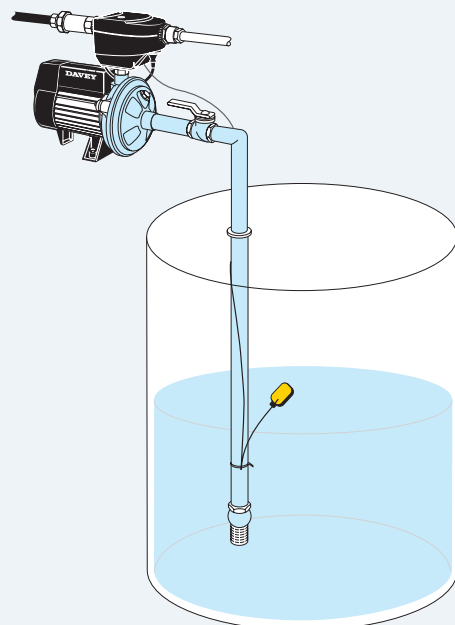
### Install it like this



**OR**



**OR**



OPERATING LIMITS	
Maximum flow rate (mains)	100 lpm
Maximum flow rate (pump)	100 lpm
Maximum mains water pressure	900 kPa*
Maximum pump pressure	600 kPa
Maximum pump amps	10 amps
Level switch voltage	12 volts DC
Maximum water temperature continuous	50°C
Minimum water temperature	1°C
Maximum ambient temperature	50°C
Mains water inlet size	¾" BSP(M)
Rainwater inlet size	1" BSP(M)
Outlet size	¾" BSP(M)

NOTE: RainBank/S model specifically designed for submersible pumps fitted with auto float switch.  
 \* Please refer to appropriate local standards for mains pressure operational requirements

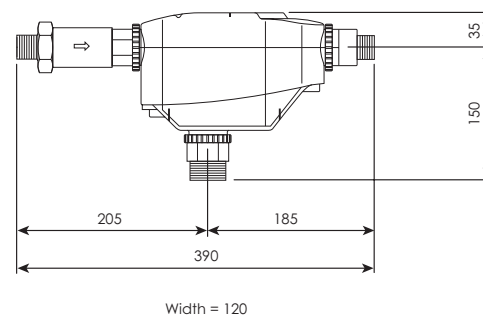
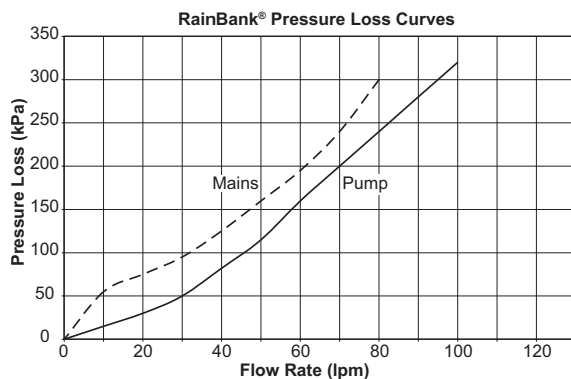
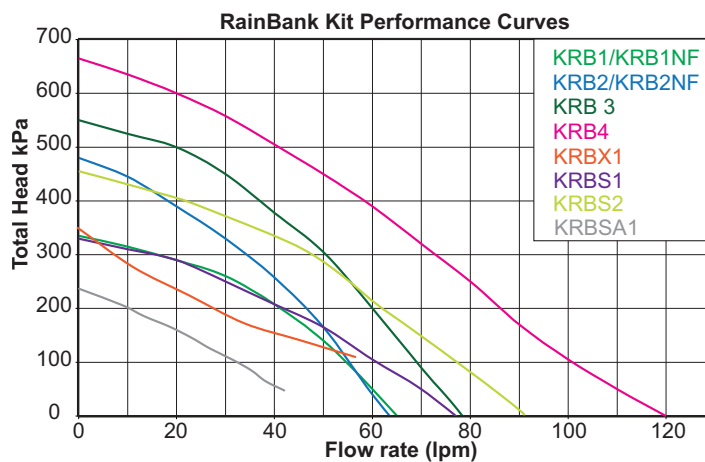
ELECTRICAL DATA	
Supply voltage	220-250V
Supply frequency	50Hz
Max. full load current	10A
Enclosure class	IP23
Power supply lead - incoming	2m
Level switch lead length: Side entry Top entry	5m 9m

NOTE: Refer to relevant pump datasheets for technical pump data

MATERIALS OF CONSTRUCTION	
PART	MATERIAL
<b>Dual check valve</b>	
Body	D.R. brass
Valves	Acetal
Springs	304 stainless steel
<b>Source control valve</b>	
Body	Nylon
Valves	Acetal
Plunger	Grivory
Diaphragm	Santoprene
Springs	316 stainless steel
Seal	Nitrile
Sensor plate	316 stainless steel
Enclosure	A.B.S.

APPROVALS
Safety: AS/NZS60335.1 Requirements
Complies with plumbing standards: AS/NZS3500-1 including provision of backflow protection when installed in compliance with product Installation & Operating Instructions.
Watermark License WMKA22042.
Must be installed by a licensed plumber.

## HYDRAULIC PERFORMANCE & DIMENSIONS (mm)



NOTE: Optional bracket available on request. P/N 32556



[daveywater.com](http://daveywater.com)

This literature is not a complete guide to product usage. All images provided in this document are for illustration purposes only. Further information is available from your Davey Dealer, Davey Support Centre and from the relevant product Installation and Operating Instructions. Must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice. © Davey is a registered trademark of Davey Water Products Pty Ltd. © Davey Water Products Pty Ltd 2024.

