

# DAVEY



## DAVEY RainBank®

Model Numbers:  
KRBCABS1/20, KRBCABS2/20,  
KRBCAB1, KRBCAB1F

**GUARANTEE**  
3 YEARS

### APPLICATIONS

RainBank rainwater harvesting system is ideal for metropolitan rainwater harvesting on homes, toilet blocks and garden irrigation.

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

## DUAL SOURCE RAINWATER HARVESTING CONTROLLER KIT

### FEATURES & BENEFITS

Packaged rainwater harvesting system, incorporating RainBank dual source controller, specifically designed to source rainwater for applications such as toilets and/or laundry, with automatic mains water back-up.

- **All factory assembled and tested in a lockable metal cabinet** for a neat and professional presentation
- **Simple to install with no adjustment necessary**, saving time and money at installation
- **RainBank automatically switches between rainwater and mains water supply**, so there is no need for consumer intervention
- **Feedback lights** to indicate water source and faults
- **Incorporates easily with new and existing buildings**, for convenient installation
- **Unique patented, yet uncomplicated technology**, providing a dependable solution to rainwater harvesting

- **No solenoid valves used**
- **Very low standby power** – only 0.5 watts
- **Provides seamless mains back-up in the event of no rainwater or electrical interruptions**, for consumer convenience and comfort
- **Built-in backflow protection valve (dual check valve) in compliance with the requirements of AS/NZS 3500-1-2003** for added safety and assured protection of your mains water supply
- **Incorporates pre and post filtration** to ensure reliability and high water quality
- **Comes with a choice of D42A/B20 and D53A/B20 submersible pumps or HP45-05 surface pump**

# Rainwater Harvesting

**DAVEY**

## OPERATING LIMITS

Max. flow rate (mains) @ 200kPa	63lpm
Max. flow rate (pump) @ 200kPa	63lpm
Max. Mains water pressure	600kPa
Max. pump pressure	450kPa
Max. pump amps	10 amps
Max. continuous water temperature	50°C
Min. water temperature	1°C
Max. ambient temperature	50°C
Mains water inlet size	3/4" BSP(M)
Rainwater inlet size	1" BSP(M)
Outlet size	3/4" BSP(M)

## ELECTRICAL DATA

Supply voltage	220-250V		
Supply frequency	50Hz		
Max. full load current	10A		
Enclosure class (cabinet)	IP56		
Pump supply lead	20m		
Input power (pump)	D42A/B	D53A/B	HP45-05
	0.94kW	1.31kW	0.55kW

## PUMP PERFORMANCE

Pump model	Pump flow rate @200kpa	Mains flow rate @200kPa
<b>Surface Mounted – Top Entry Float</b>		
HP45-05	40 lpm	63 lpm
<b>Submersible Float</b>		
D42A/B	40 lpm	63 lpm
D53A/B	63 lpm	63 lpm

## MATERIALS OF CONSTRUCTION

PART	MATERIAL
<b>RB2/S</b>	
See RainBank datasheet (DWP0083)	
<b>Cabinet</b>	
1.0mm zincanneal powder coated beige	
<b>Mains water plumbing</b>	
3/4" compression fitting	DR brass WaterMark approved
3/4" butterfly isolation valve	DR brass WaterMark approved
3/4" 250 micron Y strainer	DR brass WaterMark approved
3/4" elbow	DR brass WaterMark approved
<b>Rainwater plumbing</b>	
1" 120 micron Y strainer	Polypropylene
<b>Delivery plumbing</b>	
3/4" x 10" cartridge housing	Glass filled polypropylene
10" filter element	Polypleated carbon impregnated 10 micron
3/4" elbow	DR brass WaterMark approved
3/4" x 190mm braided hose	Silicone lined stainless steel
<b>Submersible pump</b>	
See D42A/B & D53A/B datasheet (DPM128)	

## APPROVALS

Complies with electrical standards: **AS/NZS60335.2.41: 2004 Clause 24**

Certificate of electrical suitability: **A/10E**

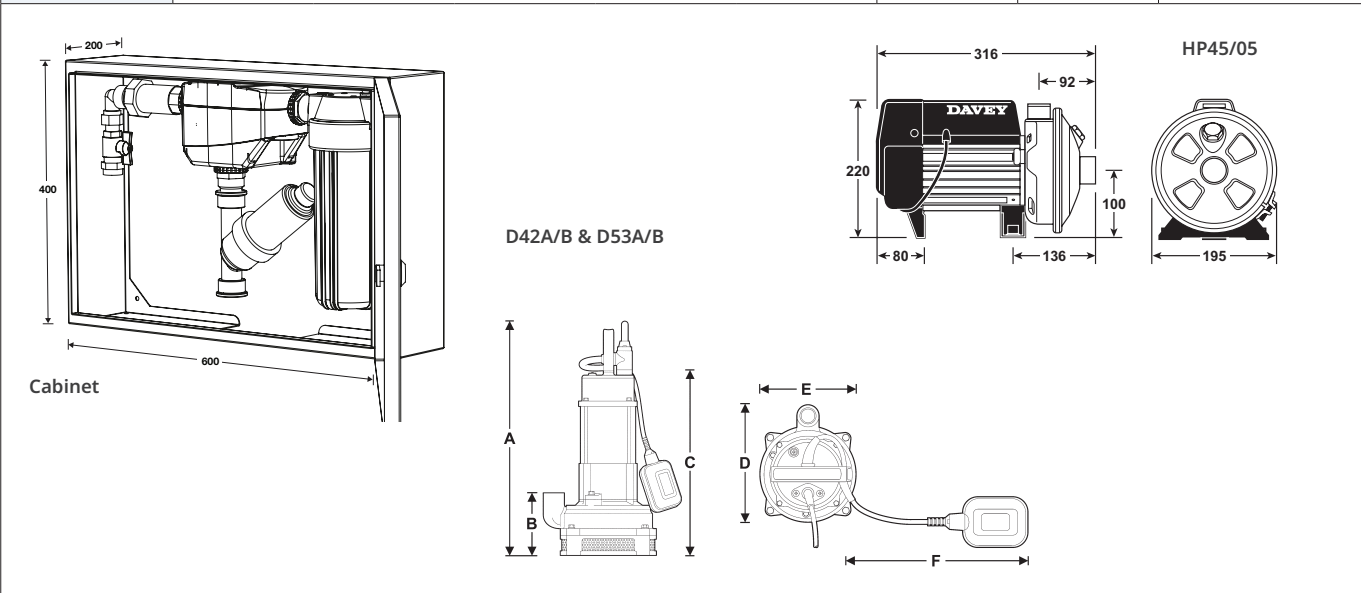
Complies with plumbing standards: **AS/NZS3500-1-2003** including provision of backflow protection when installed in compliance with product Installation & Operating Instructions.

Watermark License **WMKA22042** for RainBank.

Must be installed by a licensed plumber.

## DIMENSIONS (mm)

Model	A	B	C	D	E	F	Outlet B.S.P.	Net Weight (kg)
D42A/B	475	130	370	235	195	330	1" F	18.5
D53A/B	535	170	430	235	195	330	1" F	19.5
Model	Mounting Holes Diameter					Inlet B.S.P.	Outlet B.S.P.	Net Weight (kg)
HP45-05	10 @ 140 centres					1 1/4" F	1" F	8.0



**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.

**DAVEY**