

## TECHNICAL DATA SHEET:

# EVOLUTION MkIV

The Evolution MkIV comes with a powerful submersible pump and AcquaSaver Mains/Rainwater switching device. Evolution MkIV is a simpler, more robust design with a slimline appearance.

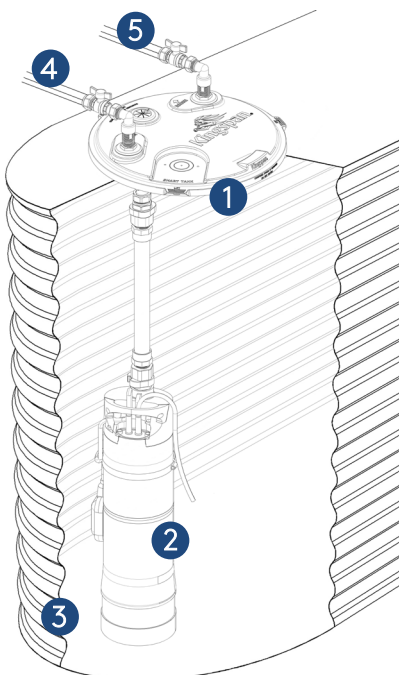
When the rainwater tank runs out of water or when there's a power outage the AcquaSaver will automatically switch to mains supply for appliances.

Rainwater/mains supply changeover devices are a regular requirement for modern rainwater harvesting services, ensuring consistent water supply, and supporting water efficiency and stormwater management objectives.

The Acquasaver is designed to the Australian WaterMark Technical Standard Rainwater/mains supply changeover device WMTS-477:2016 LN 60075.

### RECOMMENDED FOR

- › Kingspan AQUAPLATE® Tanks domestic use



1. Evolution MkIV Head Unit
2. Grundfos SBA3-45A Submersible Pump  
(Includes 5m power cable)
3. Kingspan AQUAPLATE® Tank
4. Mains water inlet
5. Water outlet

### FEATURES & BENEFITS

- › 4 years warranty (2 years standard plus 2 years bonus when registering at [www.kingspanwatertanks.com.au](http://www.kingspanwatertanks.com.au)).
- › Quick and easy to install.
- › The small, lightweight unit fits neatly on top of the tank instead of the wall with a powerful and reliable submersible pump inside the rainwater tank.
- › Automatically switches to mains water when there is no water present in the tank or during electrical failure.
- › The design standard includes backflow protection.
- › Integrated float switch to prevent pump from running dry at low water levels.
- › The pump is only used when rainwater is being drawn from the tank, it does not operate when the Evolution MkIV unit is switched to mains water.
- › Automatic pump operation.
- › Submersible pumps are quieter than external pumps.
- › Corrosion resistant pump components.
- › Environmentally friendly - saves mains water, reduces flow to stormwater systems, no re-pumping of mains water.
- › Suitable for water tanks between 800mm to 2020mm high.

### MATERIAL, TYPES & SIZES

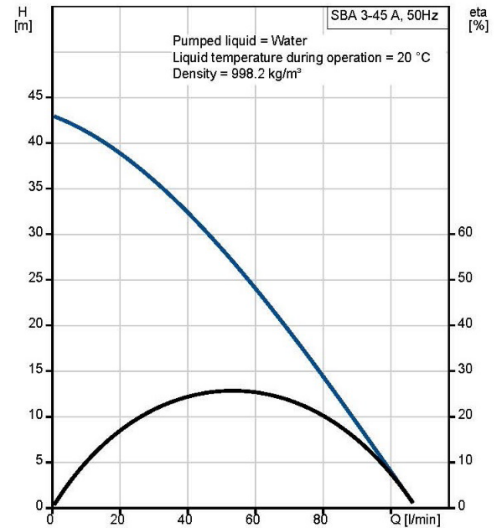
INLET/OUTLET	MATERIAL	TYPE & SIZE
Mains water inlet	Brass	Male G 3/4" (nut & olive)
Water outlet	Brass	Male G 3/4" (nut & olive)

## OPERATING CONDITIONS / TECHNICAL DATA

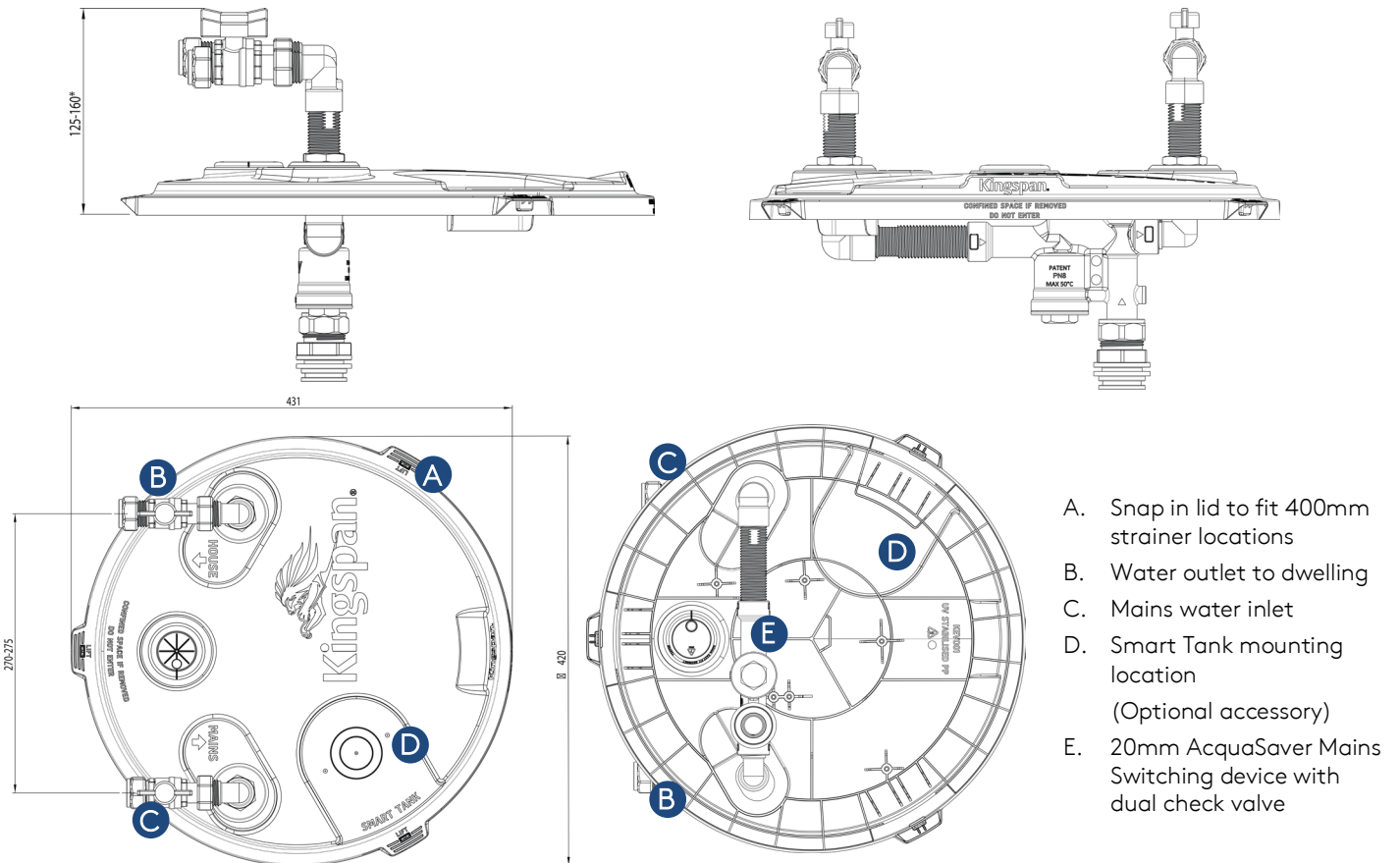
Grundfos SBA3-45A Pump

Supply Voltage	220 – 240 VAC
Rated Current	4.8A
Ambient temperature range	-10 to 50 °C
Max. Liquid temperature	40 °C
Min/Max. pressure	0-420 KPa
Cut in pressure	220 kPa
Max Flow Rate	106 litres/min
Approvals	AS/NZ 4020 – Testing of products for use in contact with drinking water

## PERFORMANCE



## DIMENSIONS



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To ensure you are viewing the most recent and accurate product information, please visit this link: <https://www.kingspanwatertanks.com.au/evolution-mkiv-technical-sheet-Grundfos-SBA345A>

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