

## Product datasheet

# gMAX<sup>®</sup> Urethane cyclones for vehicle wash water treatment

Many vehicle washes rely on large settling pits and bag or sand filters to treat water. Large pits help settle some suspended solids and oils; however, they are expensive to build, maintain and clean out. Bag, sand and similar filters require constant attention, can be expensive to operate and grow algae and bacteria that cause odours and other problems.

**We have a better, proven solution – our KREBS<sup>®</sup> gMAX<sup>®</sup> Urethane cyclones!**

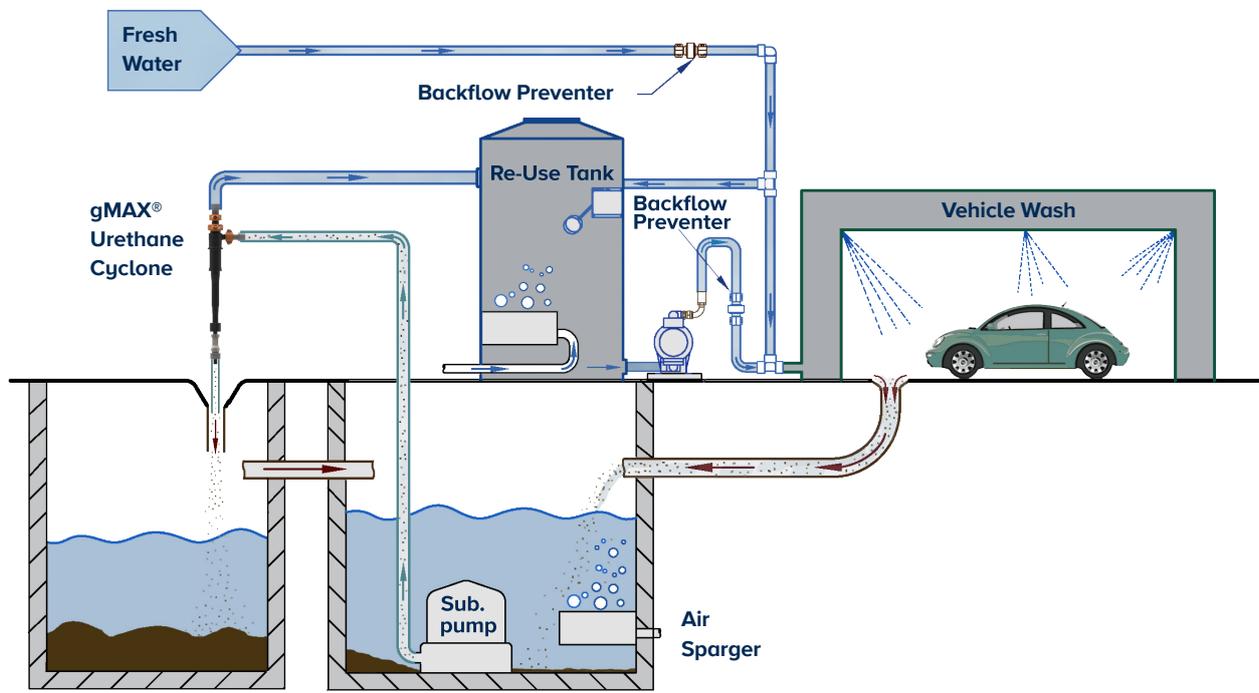
### Benefits

- 25 - 40% finer, sharper separations than other cyclones
- Our U2-gMAX cyclone can achieve separation as fine as 10 microns
- High capacity in a small footprint
- Low installation cost and no moving parts
- Simple to operate with virtually no required maintenance

### Ideal applications

- Car washes (automatic and manual)
- Bus washes
- Truck washes
- Train washes
- Fleet washes

# Vehicle wash water flow process with KREBS® Urethane cyclones



## A new breed of cyclone

The moulded-urethane gMAX® cyclone is an entirely new breed of KREBS® cyclone – fully re-engineered from apex to vortex finder. This high efficiency cyclone produces finer and sharper separations as well as handling a higher capacity than other similarly sized cyclones on the market. It can operate with a pressure drop range of 0.3 to 3.5 bar (5 to 50 psi).

## Low cost and efficient solutions

Urethane cyclones are a highly durable solids separation option that costs less than the other wash water treatment options on the market. Numerous cyclones can be manifolded together in a tight space to provide fine filtration and handle any flow rate from 3.8 to 18,927 L/min (1 to 5,000 gpm).

For applications over 189 L/min (50 gpm), consider our millMAX™-e high efficiency slurry pumps. Our hydraulically advanced, maintenance friendly pump can enable you to downsize your drive motor, minimizing your cost while maximizing your efficiency.

For more information, contact our sales team. We will be glad to assist you in determining the best urethane cyclone size and configuration for your separation needs.

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