



Cheers to great WATER QUALITY

Main Use

Mains Water Quality Variation Protection

Product

Microlene Max Filtration

Customer

Mountain Goat Brewery

Location

Richmond, Victoria, Australia

Davey raises the bar for water quality in the brewery industry

Mountain Goat Brewery is a classic Australian story of two mates that made an icon. The Melbourne based microbrewery has been making superb beer since 1997 and has steadily grown over that time. The business, based in Richmond in the very heart of Melbourne, has faced many challenges but has remain committed to excellence and its customers over time.

Although the water in Melbourne is some of the best in the world, one of the challenges they face is their location. The construction works and ageing infrastructure around Melbourne Water Mains means that debris and iron often find there way into the town water supply. This has the ability to affect the taste of the beer.

The brewery was already very aware of this problem and had previously had a series of 20" filter cartridges to solve this problem. However, using 10,000 litres of water every day meant that the flow rates were small, which caused brewers to have lengthy delays in process and there was also the common need to change the filters frequently.



At ACQUA by Davey, we understand no two jobs are the same. That's why we have a team of sales engineers and a specialised production department to tailor the system for your needs.



THE ACQUA by Davey SOLUTION

We consulted with Ian Morgan to understand their frustrations and combined with water quality tests, designed a simple skid to solve their problems. The solution consisted of a dual Microlene Max Cartridge system. The cartridge from this system has a volume that is 8 times greater than standard 20" Jumbo filters. The solution is designed for higher flow, with gauges for monitoring and sampling points for quality assurance measures.

BENEFITS

- Increased serviceability, the cartridge system does not require tools to change, making it easier to service, this combined with reduced cartridge replacement has meant increased efficiency in labour (Focused on beer, rather than water problems)
- The system has also meant the tanks can be filled faster meaning processes are affected positively and there is no need to "wait around for the tank to fill" afterhours.
- Facilitating quality assurance with gauges between each filter and sampling points that allow proof of performance for each cartridge.

RESULTS

- Higher flow rates
- Significantly longer time between cartridge replacement.
- Extensive gauges and service points



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ABOUT ACQUA BY DAVEY

Our solutions and team of experts can treat water for medical and healthcare services, food and beverage, community drinking and wastewater, farming operations and large commercial operations such as hotels and universities.

We know that each water solution need is different and depending on your circumstances and application, will require expert advice. This is where we come in, offering the best treatment solution to suit your needs and provide you with the systems to monitor results and help you adjust when and where you need to.