

COOL-FIT

Brewing at all conditions

Du Cane Brewing in the heart of Launceston, Tasmania Australia



3-in-1 system in pre-insulated pipe helps quick and fast installation

Beers inspired by walking in the Du Cane Range

DU CANE

FOR ALL CONDITIONS

Celebrating Tasmanian bush walking culture and outdoors, Du Cane Brewing was born by inspiration from travel and the outdoors. Located on beautiful Princes Square in the heart of Launceston, this family friendly Brewery and Dining Hall serves wood fired pizzas alongside their range of locally made beers and other local beverages.

Project background

Du Cane Brewing needed a contractor to install their new brewing equipment. Andrew Mitchell from Mitchell Engineering and Maintenance was contacted who reviewed the scope of works that required supply and install of piping, installation of Brewery equipment, levelling all the tanks into position and the brewing vessels. Andrew engaged with GF Piping Systems Australia for support in pipe dimensioning, design and the take-off for the glycol manifold with connections to the tanks and the chiller. As an operating hospitality venue, cost, reliability and fast installation were key factors in choosing the glycol piping system.

Selected technical solution

COOL-FIT for the glycol distribution system to provide cooling to all the fermenters, bright beer tanks and the cold liquid tank was selected due 100% maintenance and corrosion free system and the longevity of COOL-FIT. Also the system was compared to a 50mm stainless steel tube as a supply and return manifold all welded on site and then post insulated with 50mm polystyrene and cladding of 9mm stainless steel cladding in place that came \$22,000 higher priced. The engineering and design was done by Andrew with GF Piping Australia and Actrol Launceston that provided support during all phases of the project.

Improvements achieved

Once the support system was in place, due to 3-in-1 design, installation for COOL-FIT was quick and easy. With previous experience using COOL-FIT by Andrew, installation was kept in-house which meant Andrew didn't require to outsource the post insulation. With 50% lighter in weight than stainless steel, no additional handling equipment was required. The glycol ring man was completed in less than 48 hours.

Du Cane currently has 7 Core Range Beers including Ascending Falling Mountain PILS, Hut to Hut Walk PALE and Resting at Pinestone Creek MID with capacity at 180,000 L mark in the 2023 calendar year, the new Turning of the Fagus HAZY PALE is launching in April 2023.



Engineering, design, supply and install of COOL-FIT was all kept in-house by Mitchell Engineering with support from GF Piping Systems Australia and Actrol Launceston



COOL-FIT fabricated T90 with brass 1" thread connection allows for direct connection of hoses to fermentation tanks

Customer Benefits

- Design, engineering, installation training and support from GF Piping Systems Australia
- Visually aesthetic piping system that is visible to the public
- Local support and service from the Actrol Launceston branch for stock supply, deliveries and logistics

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