

TT805-B Fuel Dispensers Datasheet

September 2020

Overview

The TT805-B range is built from a combination of high quality mechanical, electrical and hydraulic components, which have a proven track record in many applications around the globe. Incorporated is the latest technology in electronic control systems for fuel dispensing equipment that complies with the strictest international standards and provides the highest level of sophistication in the market. A range of different models are available all manufactured from stainless steel and with a suite of options and accessories that allow clients to customise to suit specific needs.

Features

- » Standard flow rate models offered in various combinations, including 40, 80 and 150LPM.
- » Available as pump models (fitted with internal suction pumps) or dispenser models (for use with external pressure pumps).
- » Available in one, two and four hose models.
- » Available with backlit commercial (litres-only) displays or retail (dollars, litres and price per litre).
- » Supports a wide variety of forecourt communications protocols.
- » Compliant with international trade-measurement and electrical safety standards
- » Offers preset and prepaid functionality.
- » Integrates with the TT Fuel range of Commercial Fuel Management and Retail Automation Systems.
- » Commercial models can include embedded Fuel Management Systems.
- » Standard stainless steel construction for marine and other harsh environments.
- » Supports standard fuel grades, including aviation fuels, B20 biodiesel and E10 ethanol blends.



Key Benefits

- » Provide low total cost of ownership and low maintenance requirements with stainless steel construction.
- » Designed and manufactured for the Australian environment.
- » Simple integration with support for all Australian / New Zealand forecourt protocols.



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Specifications

Construction	
Standard Material	All external panels and main structure from 304 Stainless Steel
Dispenser Type	Suction or Dispenser
Hose / Nozzle	Supplied with ZVA Nozzles and Elaflex Hoses
Hose Mast	High hose mast supplied as standard on 40LPM / 80LPM variants
Hose Length	See below
Dispenser Features	
Application	Retail (Dollars / Litre / Price) or Commercial (Litres Only)
Flow Rates	40LPM / 80LPM / 150LPM
No. of Hoses	1, 2 or 4
Supported Protocols	TT Fuel / Gilbarco/ Dover / Gallagher / Compac / Sanki pump protocols.
NMI Compliance	Fully NMI compliant for re-sale of fuel (Certificate 5/6A/237)
Electrical Compliance	Electrical safety approval IECEx 04.4056X
Fuel Grades	All standard grades as well as B20 and E10
Totaliser	Electromechanical totaliser per hose option
Presets	Presets supported per hose
General Specifications	
Environment	-20C to +50C with 95% non-condensing humidity
Electrical	230V AC 10A maximum
Other Options	
Card Readers	Card readers supported within dispenser for advanced fuel management systems
Advanced Fuel Management	Support full transaction-based fuel management system embedded in dispenser or housed in separate controller enclosure (TT3000 System)

Standard Configurations			
Fuel Type	Hose Length	Hose Diameter	Nozzle
Low Flow Motor Spirit	5m	5/8" (15.8 mm)	ZVA16
Low Flow Diesel	5m	5/8" (15.8 mm)	ZVA19
High Flow Diesel	6m	1" (25.4mm)	ZVA25
Ultra-High Flow Diesel	8m	1¼" (6.35mm)	ZVA25