Fleetline Mk4

June 2007

Product Background

- Rework existing Fleetline to meet NMI requirements
  - Electronic Display.
  - Bennett pump – built in air eliminator.
  - Optional built in basic iTote FMS
  - Ease of interface with various fuel management systems.
  - Maintain highly accurate Gilbarco 4 piston Meter.
  - NMI Approval (not for direct retail – no dollar value display)

- Both new Electronic version and original Mechanical Display available.

The new Fleetline Mk 4

- Electronic Display – OIML approved – “NMI 5/6A/214”
  - Backlit LCD 6 digit figure
- Mechanical Display
  - Veeder Root open Frame 999.9 litre register
  - 9,999,999 litre non reset totaliser.
- Standard Flow – 45 l/min Hi Flow – 90 l/min
- Gilbarco 4 piston positive displacement pump
- Bennett GPU-90 pump
- Flameproof 750w 240v AC, 50hz single phase motor
- Internal Lighting with external switch
- Elaflex ZVA automatic nozzle
- Zinc phosphated, powder coated corrosion resistant frame & panels

The new Fleetline Mk 4 - Options

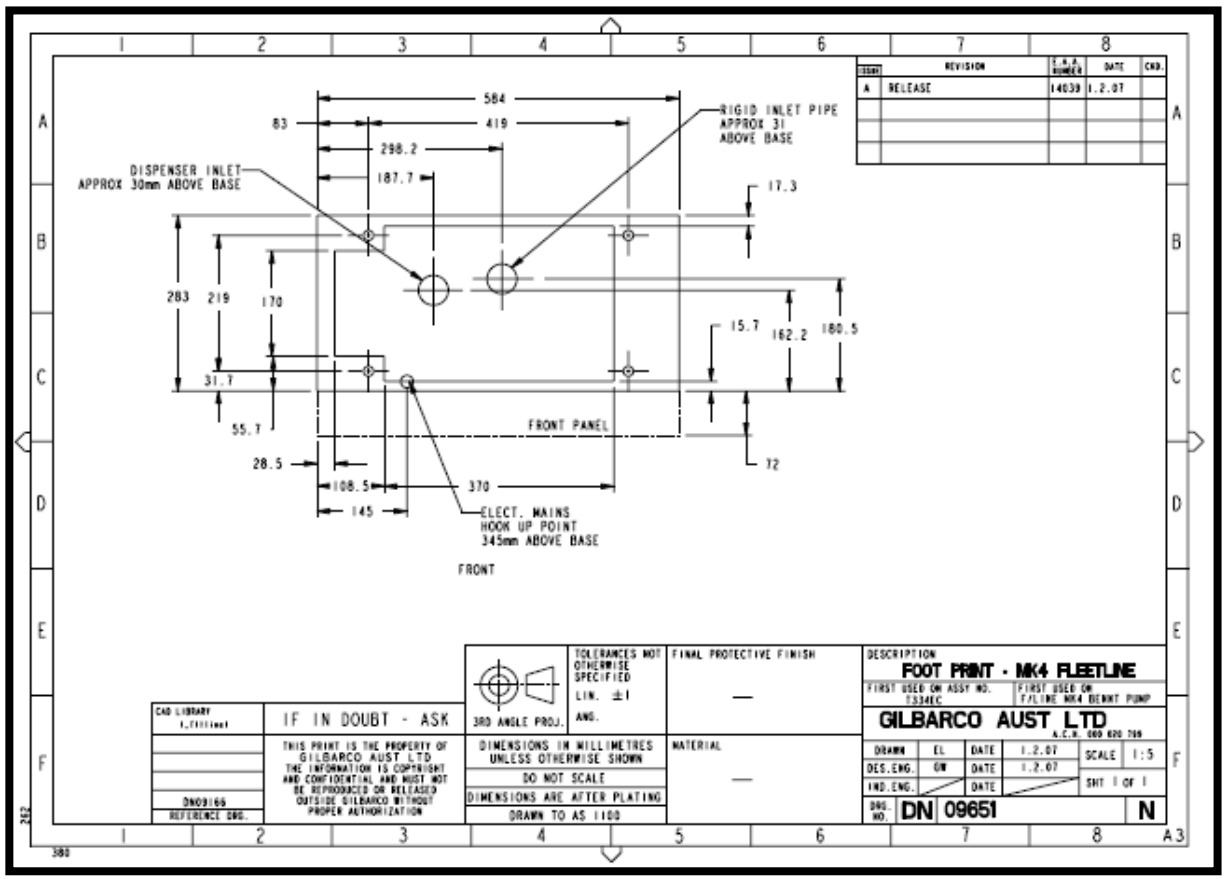
- iTote Fuel Management System
- Bio-diesel Hose Set
- Communication Protocol
  - Gilbarco 2 wire (Standard)
  - New Zealand PEC (Optional)
  - RS 485 (Optional)
- Gilbarco under pump Sump 711-DU4816FL
- Gasboy Anti-syphon valve 705-52A
- Flex mast hose retention

Tote Display

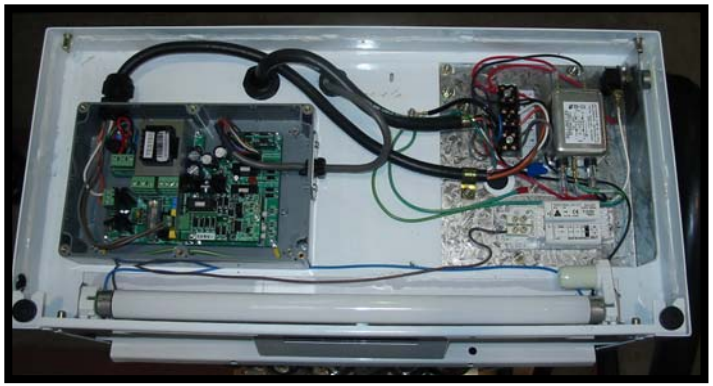
- To display totaliser
- Lift nozzle
- Hold nozzle switch down for 5 seconds
- Tap nozzle switch on and off 5 times
- Non re-settable Tote will show on display for 10 seconds then resume normal operation.

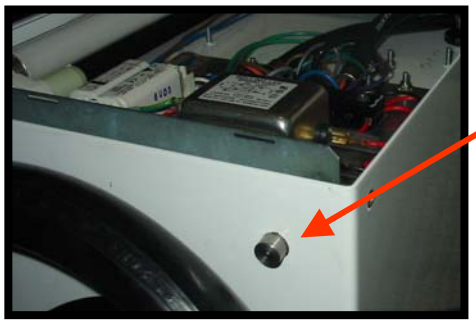
Fleetline Mk 4 – Foot print

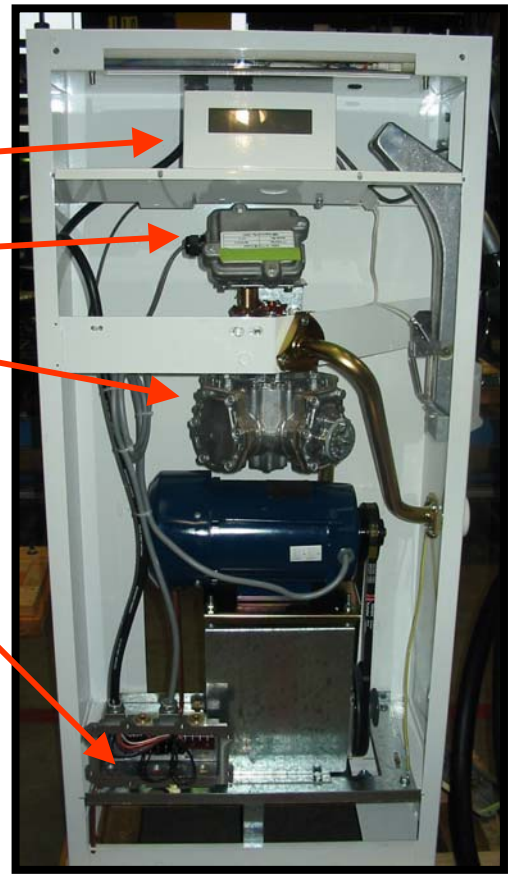
- Due to new Bennett pump unit the inlet pipe locations differ from previous model Fleetlines.



Internal components







Electronic 6 digit display

Sealed Transducer

Gilbarco 4 Piston Meter

Light switch

Connection Box

Bennett Pump

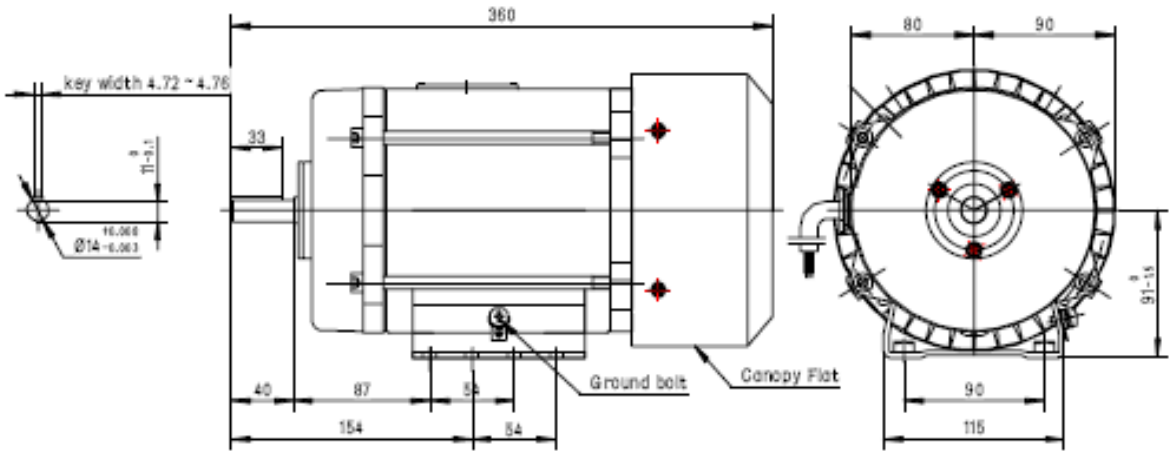
Pump / Motor

Gilbarco Bennett GPU 90

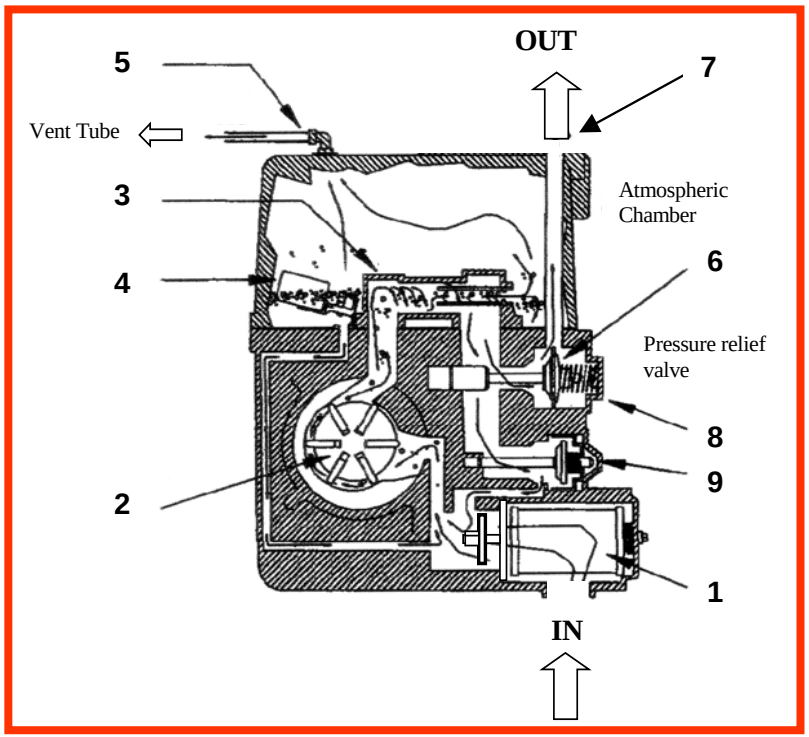
Pump Approval – NMI S455

Single Phase Asynchronous Explosion-Proof Motor YBB3441E1

Motor Approval – IECEx CQM 07.0001



Bennett Pump



Brief explanation of Operation:

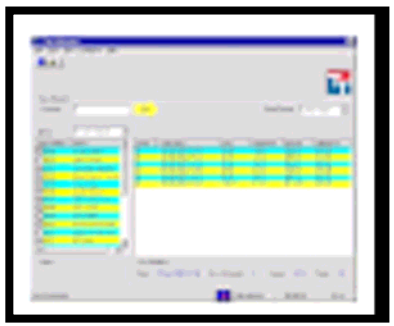
1. The fuel is drawn from the storage tank through an inlet strainer (1) and anti-drain-back check valve.
2. The rotary vane-pumping unit (2) pressurizes the fluid.
3. Fuel enters the centrifugal air separator assembly (3). Any air or gas that is present is forced out the air tube along with a small amount of liquid into the atmospheric chamber.
4. When the liquid level in the atmospheric chamber lifts the float and valve assembly (4), the liquid collected chamber is returned to the pump inlet.

Air/Gas is vented to the atmosphere through the end tube and Over Flow Check Valve assy. (5).

5. Gas-free fuel leaving the air separator, under pump pressure, opens the control valve (6) and is pushed out of the GPU into the meter. The control valve includes a built-in pressure relief valve (8), which relieves excess pressure caused by thermal expansion of the fuel in the meter and hose.
6. Whenever the nozzle is closed or not fully opened, all or some the liquid is relieved back into the pump intake through the bypass valve (9).

Optional iTote

Available Aug 07



- Simple cost effective unattended refuelling for authorised users
- Electronics embedded in T5 display head
- Base level – 50 individual totaliser
- Individual totals can be viewed on display in litres
- Can be uploaded via “upload key” to iTote manager.
- iTote manager – PC based application
- Suite of standard report options in various options
- Positioned as Mid range FMS solution
- Sold as option to new pump at time of purchase.

External FMS interface

- Direct interface with external FMS units
- No need for external pulser.
- Gilbarco Aus standard protocol
- PEC & RS485 optional protocols
- Need to configure pump so not as stand alone
- All connections to Electrical J Box

Product info

- Brochure
- NMI Certificate
- Mag Advertising insert
- Price List