

# Air & Water Tower Non Reel D91 and D93

Designed to meet the exacting and testing demands of the modern petrol forecourt.

The latest air and water tower design, built in the UK is constructed to meet the exacting and testing demands of the modern petrol forecourt while also providing an attractive and stylish appearance.

The stainless steel or painted casings offer long life and the ability to resist the harsh environment while keeping the unit looking good. All the components from the housing through to the tyre inflator, the hoses and even the radiator filler are built for ease of use, reliability and long life.

These air towers can be customised from our standard specification to suit individual customer requirements.

## Key Product Benefits

- Quick and easy installation
- Low life-cycle costs
- Easy to operate for the road user
- Default to safe setting
- Screenwash options available for all towers
- Payment options - Coin, token, cashless
- Versatile - with compressor option for cars and trucks where non-mains air

[www.pclairtechnology.com](http://www.pclairtechnology.com)



### Key Product Features

- Electronic pre-set pressure setting
- Default to safe setting
- Large easy to read digital backlit screen
- Audible and visual end-of-cycle signals
- Stainless steel, plain cabinets
- 30 mm LCD transfective backlit screen as standard
- Alternative tyre valve connectors available for all units (short-stem twin hold-on as standard)
- Compressor options

### Operational Specification

- IP Rating – IP44 Cabinet  
IP65 Electronic inflator unit
- Auto zero drift correction
- Auto-start inflation
- Free air or payment option

### Model options

- Water hose / screenwash
- Bespoke graphical design or branded options
- Stainless steel or painted options
- Compressor options - 5.5 / 10 bar
- Payment options - Free, coin, token and cashless

### Technical Specification

#### Common Variants

Part No.	Compressor	Coin Mechanism
D91SS10C	n/a	n/a
D91SS10C/P0	n/a	Sterling
D93SS10C	5.5 bar	n/a
D93SS10T/P0	5.5 bar	Sterling
D93SS10C/E0	5.5 bar	Euro

#### Dimensions

Height: 1425 mm  
Width: 409 mm  
Depth: 270 mm

#### Hose Lengths

Air hose: 10 m / 33 ft  
Water hose: 10 m / 33 ft

#### Environmental

Operating temperature: -20 °C to 70 °C  
Humidity range: Up to 95 % RH non-condensing

#### Electrical Interface

Voltage nominal: 230 Vac 100/120 Vac  
Min: 175 Vac 75 Vac  
Max: 265 Vac 140 Vac  
Current typical (idle): 0.1 A 0.1 A  
Max: 0.7 A 0.7 A

#### Pressure Measurement

Accuracy: To  $\pm 0.5$  % of full scale reading  
Display resolution: 1 psi/0.1 bar  
Maximum inlet pressure: 232 psi / 16 bar  
Maximum inflation pressure: 145 psi / 10 bar

#### Inflation Speed

Inflation flow: 400 l/min with 10 bar mains air supply

#### Compliance

Complies to: EC Directive 86/217/EEC  
BS EN 12645:1999  
Most EU National Directives  
(details on request)