



ANY COLOUR, ANY LANGUAGE, ANY DESIGN

DIGITAL INFLATION TECHNOLOGY

C O N T E N T S

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Welcome to Airtec Corporation

Airtec Corporation continues to deliver unique solutions in Digital Inflation Technology. From our new Headquarters in Singapore we are well positioned to meet the needs of our customers in all corners of the world. Our huge component inventories enable us to offer unparalleled service levels, even for large contract orders.

Continuous R&D investment keeps us at the forefront of this technology. Recent equipment acquisitions include the latest in printing technology, allowing us to produce customised graphics in any corporate image, colour and language text. Our in-house capabilities enable us to significantly reduce lead time for special orders.

Through our international network of offices, representatives and distribution partners, local representation is never far away. Distribution opportunities still exist in some regions.

Accordingly, we are pleased to submit our catalogue to you for your reference. Detailed technical information on individual product is available in separate publications.



Any Colour, Any Language, Any Design

With expertise in manufacturing digital tyre inflation equipment since early 1990s, Airtec Corporation (Asia) is the market leader with the widest range of digital tyre inflators for retail petroleum forecourts. Our range includes wall-mounted and pedestal units that can be supplied in the Retail Visual Identity of any Oil Company.



89FEP - CALTEX
Language: English



89FEP - CHINESE PETROLEUM COMPANY
Language: Traditional Chinese



89FRP - Esso
Language: English



89FRP - BP
Language: Dutch



89BEP - BP
Language: English



89FEP - SHELL
Language: English



89BEP - PETRONAS
Language: Malay



89FRP - EXXON MOBIL
Language: Malay

Digital Tyre Inflators in Any Colour, Any Language and Any Design.

89MDA – General Purpose Digital Tyre Inflator



89MDA

The 89MDA provides highly accurate, reliable tyre inflation for indoor applications such as vehicle workshops, service centres, car rental outlets and detailing bays. This model is an extremely cost effective option for upgrading any facility with electronic inflation equipment.

Highlights

- Impact resistant polycarbonate enclosure
- Easy installation can be used for fixed or mobile operation
- Economically priced
- Safe, Accurate and Easy to Use



89XDA / XDD – Heavy Duty Digital Tyre Inflator

The heavy duty, weatherproof and vandal resistant enclosure of the 89XDA makes it ideal for almost any indoor or outdoor location, including service centres, transport yards, military vehicle depots, mining sites, coach and bus depots, aircraft hangers and even retail petroleum forecourts.

Highlights

- Can be customised to any corporate image and language text
- Rugged and attractive diecast aluminium enclosure
- Vandal resistant mechanical switches or optional piezo switches

The 89XDD dual display indicates target pressure and tyre pressure separately during the inflation cycle.

Additional Features

- Purge facility for Nitrogen inflation
- Coin-operation compatible

Accessories

- 3 way Transfer Valve, 1/4" BSP



89XDA



89XDD

89XDB / XDE – High Flow Digital Tyre Inflator



89XDB

The 89XDB and 89XDE are specifically designed for inflating large (OTR) and multiple tyres. Suitable for use with standard or large bore valves and core extraction tools.

Highlights

- 1/2" High Flow Valve for high speed tyre inflation
- Improves productivity — inflates up to 4 tyres using manifold kit
- Rugged and attractive diecast aluminium enclosure
- Vandal resistant mechanical switches or optional piezo switches

The 89XDE dual display indicates target pressure and tyre pressure separately during the inflation cycle.



89XDE

Additional Features

- Purge facility for Nitrogen inflation

Accessories

- 4 way Manifold Kit, 1/2" c/w 4 x 2m Hose
- Core Removal Tool

89XDX / XDZ – Over Inflator

The 89XDX and 89XDZ models specifically cater to the needs of Tyre Fitting and Re-treading industry. Simply set the over pressure in the top display and the final pressure in the lower display. The automatic process will inflate to a pre-set over-pressure setting and then deflate to the final pre-set pressure setting. Leak test, hold time and Nitrogen purge facility can be incorporated into the automatic process.

Highlights

- Leak detection test
- Pressure hold time
- User friendly programmable presets to store your 3 most used pressure settings
- Purge facility for Nitrogen inflation
- Safe tyre inflation with optional emergency stop control
- Rugged and attractive diecast aluminium enclosure
- Vandal resistant mechanical switches or optional piezo switches

The 89XDZ model incorporates 1/2" valves for high speed multiple tyre inflation.

Accessories

- 4 way Manifold Kit, 1/2" c/w 4 x 2m Hose
- Core Removal Tool



89XDX



89XDZ

FUEL STOP

89FEP—Freestanding Digital Tyre Inflator with Square Profile



This freestanding model is ideal for service and gas station industry, enhancing site image and allowing safe, accurate and reliable tyre inflation for customers.

Highlights

- Extremely safe and simple to operate
- Can be customised to any corporate image and language text
- Large, easy to read back-lit digital LCD for night time usage
- High-grade powder coated body provides superior protection
- Piezo switches for reliability



89FEP

89BEP – Freestanding Digital Tyre Inflator with Round Profile

The rounded profile of the 89BEP provides an alternative shape to the 89FEP. The sleek architectural designs of both models complement any service station modern corporate design.

Accessories

- Anchor Bolt Kit
- Accessory Pack



89BEP





89FRP

89FRP – Freestanding Digital Tyre Inflator

The 89FRP model features built-in retractable hoses, user friendly controls and an optional compressor. Its futuristic shape and ergonomic design blends seamlessly with any corporate image. By eliminating the need for a pressure vessel, the optional built-in oil-less compressor provides a very cost-effective solution.

Highlights

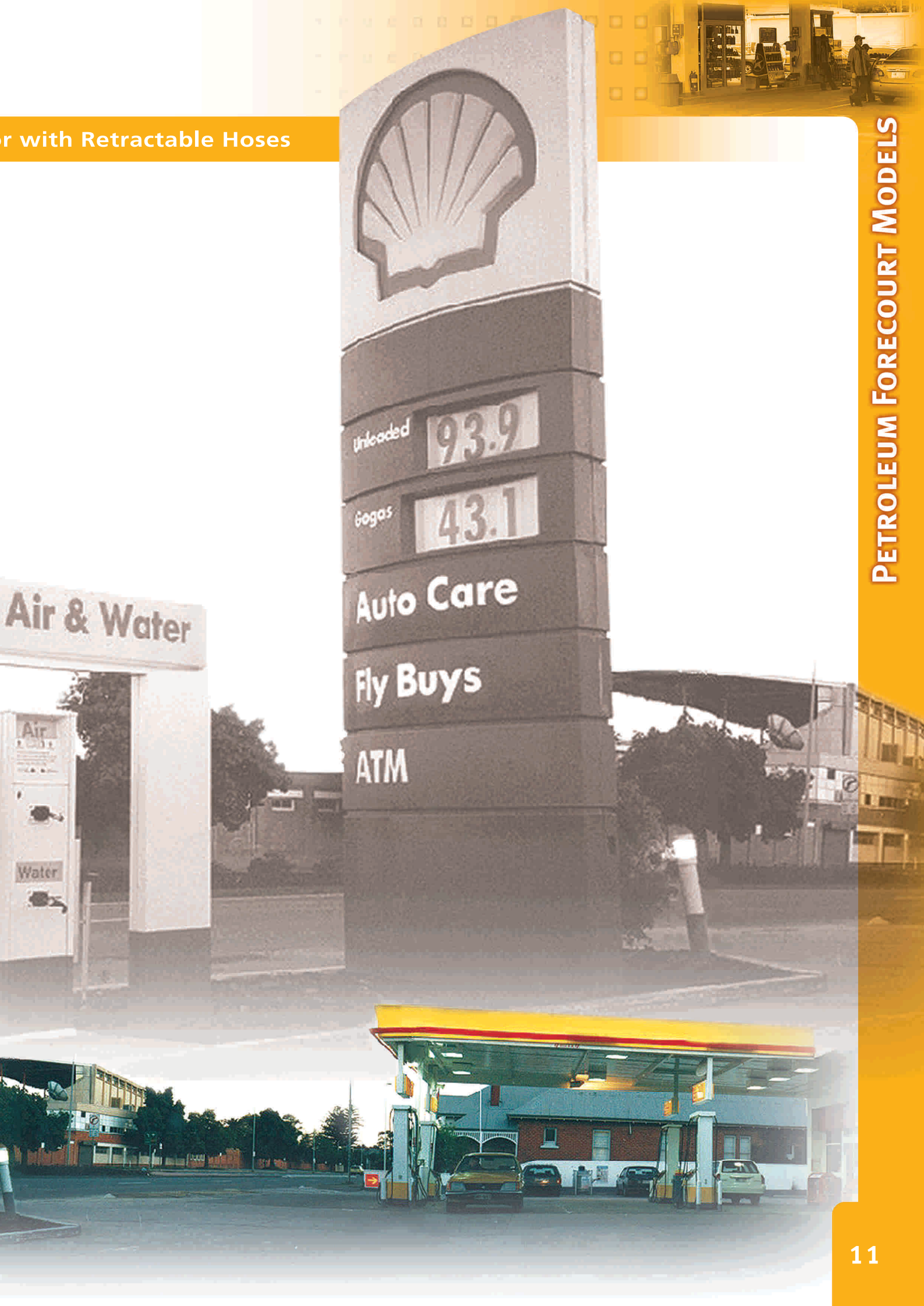
- Optional built-in compressor
- Extremely safe and simple to operate
- Can be customised to any corporate image and language text
- Large, easy to read back-lit digital LCD for night time usage
- High-grade powder coated body provides superior protection
- EZ-Coil controlled retraction reel
- Piezo switches for reliability

Accessories

- Anchor Bolt Kit

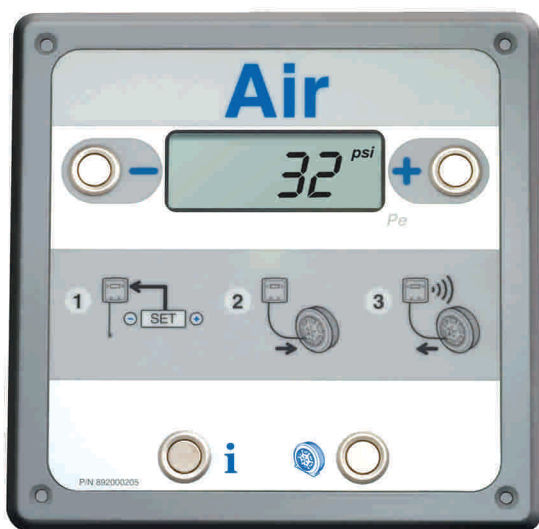


with Retractable Hoses

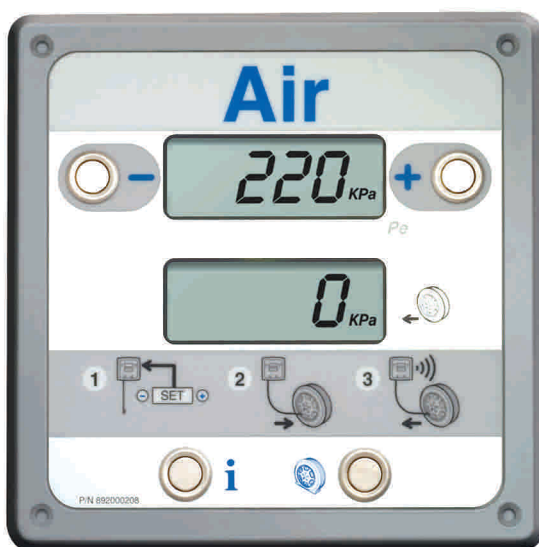


PETROLEUM FORECOURT MODELS

890EA / OED – OEM Component Kit



890EA



890ED

Upgrade your existing and new products to digital with our popular OEM kits.

These kits contain all the necessary components for manufacturers of traditional mechanical tyre inflation equipment to move digital.

Highlights

- Simple to integrate
- Heavy duty fascia
- Economically priced
- Can be customised to any corporate image and language text
- Vandal resistant mechanical switches or optional piezo switches

The 890ED dual display indicates target pressure and tyre pressure separately during the inflation cycle.

Additional Features

- Purge facility for Nitrogen inflation
- Coin-operation compatible



SPARE PARTS & ACCESSORIES



22.0000

Moulding

Part No. Moulding

22.0000 Hose Coupling Cover c/w screws



31.2410

Compressors

Part No. Air Compressors

31.0009 Air Compressor, Fiac
220-240V GMS100 for 89FRP



31.0009

31.0010 Air Compressor, Fiac 115V GMS105 for 89FRP

31.2410 Air Compressor, EAB10, 240 volt

The Airbag is the most advanced air compressor in the market today for light applications. Designed for easy portability, the Airbag uses no oil, and will therefore provide years of reliable service with virtually no maintenance.



31.2415

31.2415 Air Compressor, ECU15, 240 volt

This quality air compressor is designed for light workshop applications. Like the Airbag, it is oil free and therefore requires minimal maintenance.

Electronics



41.0702

Part No. Beepers

41.0702 Beeper for 89MDA, 89XD models

41.0703 Beeper for 89BEP, 89FEP & 89FRP



41.0703

Part No. Cables

42.0183 PC Interface Cable for Single LCD boards

42.0000 PC Interface Cable for Dual LCD boards



Electronics

Part No. PCBs / LCDs

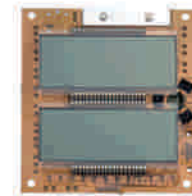
- 43.1011** LCD only, Type 1 (psi, kPa, bar)
- 43.0097** LCD only, Type 2 (psi, kg/cm², kPa)
- 43.1005** PCB Single LCD, Type 1 (psi, kPa, bar)
- 43.1000** PCB Single LCD, Type 2 (psi, kg/cm², kPa)
- 43.1040** PCB Dual LCD, Type 1 (psi, kPa, bar)
- 43.1046** PCB Dual LCD, Type 2 (psi, kg/cm², kPa)



43.1005



43.1011



43.1040

Part No. Switches

- 45.1042** Piezo Switch c/w Molex Connector
- 45.1043** Mechanical Switch c/w Molex Connector
- 45.5652** Remote Emergency Stop—10m cable



45.1042



45.1043



45.5652

Part No. Transformer

- 46.1025** Transformer, 110V AC
- 46.1027** Transformer, 240V AC



46.1025



46.1027

Part No. Solar Kit

- 49.0001** Solar Kit

This kit includes battery, regulator and solar panel. An economical option, the Solar Kit is ideal for sites that do not have power source available at the air location.



49.0001

Anchor Bolt Kits / Cabinet Hardware

Part No. Anchor Bolt Kits

- 51.0003** Anchor bolt kit for 89FRP (set of 3)
- 51.0004** Anchor bolt kit for 89BEP/89FEP (set of 4)



51.0003

51.0004



Anchor Bolt Kits / Cabinet Hardware

Part No. Cabinet Hardware

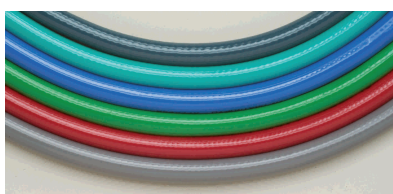
- 55.0002** Door Lock Key for 89FRP
55.0009 Roller Guide Assembly



61.0004



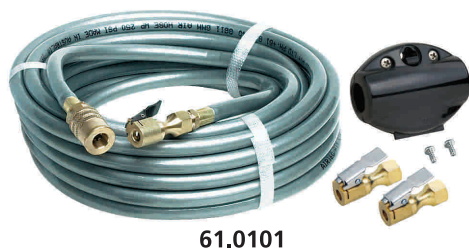
61.0005



61.0001–61.0006 Colour Range



61.0010



61.0101

Hoses / Reels

Part No. Hose Assemblies / Accessory Pack

Hose Kit is supplied with 10m Hose, a Heavy Duty Hose Chuck (Open) and Standard Coupling. Hose Kit is also available with 8m Spiral Hose.

- 61.0001** Hose Kit–Grey
61.0002 Hose Kit–Blue
61.0003 Hose Kit–Aqua Green
61.0004 Hose Kit–Deep Ocean Green
61.0005 Hose Kit–Green
61.0006 Hose Kit–Red
61.0007 Hose Kit–Yellow
61.0008 Hose Kit–Black
61.0010 Hose Kit–Blue Spiral
61.0011 Hose Kit–Red Spiral
61.0012 Hose Kit–Yellow Spiral
61.0013 Hose Kit–Black Spiral

Accessory Pack is supplied with Hose Kit, 2 Heavy Duty Chucks and a Hose Coupling Cover

- 61.0101** Accessory Pack–Grey
61.0102 Accessory Pack–Blue
61.0103 Accessory Pack–Aqua Green
61.0104 Accessory Pack–Deep Ocean Green
61.0105 Accessory Pack–Green
61.0106 Accessory Pack–Red
61.0107 Accessory Pack–Yellow
61.0108 Accessory Pack–Black

Hoses / Reels

Part No. Hose Assemblies / Accessory Pack

- 61.0110** Accessory Pack—Blue Spiral
- 61.0111** Accessory Pack—Red Spiral
- 61.0112** Accessory Pack—Yellow Spiral
- 61.0113** Accessory Pack—Black Spiral
- 61.0202** Hose Assembly—2m x 1/2" BSP M
- 61.0210** Hose Assembly—10m x 1/2" BSP M
- 61.0212** Hose Assembly—2m x 1/4" c/w Open Chuck
- 61.0280** Hose Assembly—7.5m Steel Braided, 1/4" BSP M
- 62.5066** Hose only—Blue Spiral c/w 1/4" M Fittings
- 62.5067** Hose only—Red Spiral c/w 1/4" M Fittings
- 62.5069** Hose only—Yellow Spiral c/w 1/4" M Fittings
- 62.5068** Hose only—Black Spiral c/w 1/4" M Fittings



61.0212



61.0280



62.5066–62.5068

Part No. Reel / Parts & Accessories

- 63.0283** Assembled Hose Reel EZ-Coil, less hose
- 63.0290** Hose Stop Bumper
- 63.5079** Swivel for EZ-Coil Hose Reel
- 63.5080** Spring Can for EZ-Coil Reel



63.0283



63.0290



63.5079

63.5080

Valves / Fittings / Tool

Part No. Brass Fittings

- 91.0213** Clip-on Hose Chuck, 1/4" BSP, Open
- 91.5055** Clip-on Hose Chuck, 1/4" BSP, Closed
- 91.1213** Clip-on Hose Chuck, 1/4" BSP, Bulk pack of 100pcs

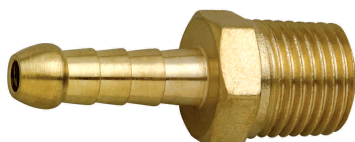


91.0213

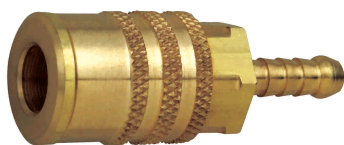
Valves / Fittings / Tool



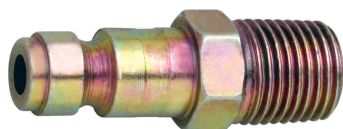
91.0211



91.0601



91.0207



91.0641



93.0800

Part No. Brass Fittings

- 91.5054** Clip-on Hose Chuck, 1/2" BSP, Open
- 91.0211** Twin Chuck, 1/4" BSP, Open
- 91.5056** Twin Chuck, 1/4" BSP, Closed
- 91.1211** Twin Chuck, 1/4" BSP, Bulk pack of 100pcs
- 91.0601** Tailpiece, 1/4"H x 1/4" BSP M
- 91.0602** Tailpiece, 1/4"H x 1/4" BSP F
- 91.0603** Tailpiece, 1/4"H x 1/2" BSP M
- 91.0693** Tailpiece, 1/4" BSP M, Swivel Type
- 91.0716** Tailpiece, 1/2"H x 1/2" BSP M
- 91.0207** Standard Coupling, 1/4" Hose Tail
- 91.0642** Silencer Plug, 1/4" BSP M
- 91.0643** Plug, 1/4" BSP M for 89FRP Compressor
- 91.0718** Plug, 1/2" BSP M
- 91.0669** Elbow, 1/4" M x 1/4" F BSP, 45°
- 91.0694** Reducing Bush, 1/2" M x 1/4" F BSP
- 91.0641** Adapter, 1/4" BSP M
- 91.0660** Socket, 1/2" BSP F

Part No. Manifolds

- 93.0800** 4 way Manifold Kit, 1/2" c/w 4 x 2m Hose

Suitable for 89XDB, 89XDE and 89XDZ. Inflates up to 4 tyres simultaneously.



Valves / Fittings / Tool

Part No. Taps / Valves / Regulators

94.0293 Pressure Relief Valve, 1/4" BSP M

94.0600 Filter/Regulator c/w Pressure Gauge

94.0681 T-Head Tap only, 1/2" BSP

94.0682 Water Faucet only, 1/4" BSP for 89FRP

94.0683 Push Button Tap only, 1/2" BSP

94.0951 Non Return Valve, 1/4" BSP

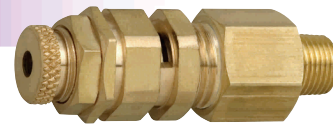
Prevents deflation of tyre in the event of supply air failure.

94.3001 3 Way Transfer Valve, 1/4" BSP

An automatic switching valve that allows up to 3 hoses for single use application. This makes it ideal for two service bay operation. Air flows to the hose being used while the other hoses are shut off.

94.5049 Vented Slide Valve, 1/2"

Suitable for use with 4 way Manifold Kit and Closed Hose Chucks.



94.0293



94.0600



94.0681



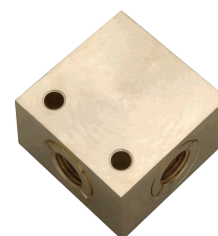
94.0683



94.0682



94.0951



94.3001



94.5049

Valves / Fittings / Tool



Part No. Valve Parts / Filter Washers

- 95.0444** Solenoid for Valve Assembly
- 95.0442** Spring for Solenoid
- 95.0443** Plunger for Solenoid
- 95.1026** Diaphragm for Solenoid
- 95.1004** Filter Mesh, 1/4" BSP/NPT
- 95.1514** Filter Mesh, 1/2" BSP/NPT



Part No. Assembled Solenoid Valves

- 96.1020** Valve Block, 1/4" BSP, Assembled
- 96.1035** Valve Block, 1/2" BSP, Assembled
- 96.1045** Valve Block, 1/2" NPT, Assembled



Part No. Other Tools

- 97.5052** Core Removal Tool

A time-saving tool that extracts the valve core from a Standard Bore Valve or the core housing from a tractor valve. It securely holds the valve core or core housing up in the tool body during tyre inflation, results in faster tyre inflation. Suitable for Standard and Large Bore Valves.

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