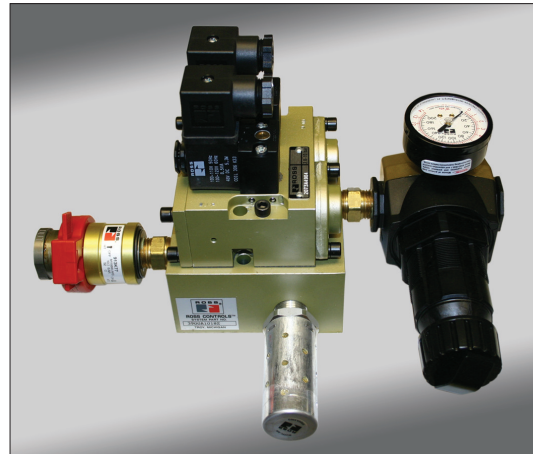
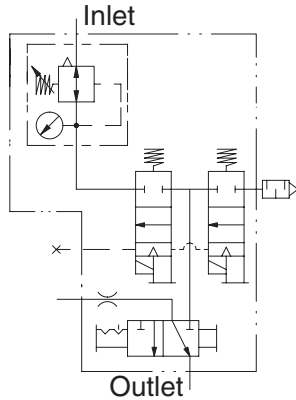


# New Product Introduction

# Automatic Counterbalance

## Automatic Pressure Control Applications

### Economy 3/4" Fill-dump



**Dimensions - inches (mm)**

Height	Width	Length	Weight lb (kg)
4.2 (107)	7.5 (191)	5.7 (145)	6.0 (2.8)

\* For BSPP threads add "D" prefix to the model number, e.g., D3900A1018W.

**3900A1018Z** (110 volts AC)  
**3900A1018W** (24 volts DC)

#### GENERAL:

Ross has added a new, more economical, automatic counterbalance assembly to its proven family of products. The 3900A1018 unit has been designed to provide basic pressure control (fill/dump) to accumulators feeding the counterbalance cylinders.

Automatic pressure adjustments are possible in combination with a transducer (mounted on the accumulator), the pressure controls and our fill/dump solenoids. A manual regulator attached to the inlet allows for manual pressure control, if required. A low profile lockout valve keeps the unit compact and provides a lockout/tagout point for system maintenance. Automatic counterbalance adjustments during die changes improve part quality and reduce wear.

#### FEATURES:

- Interfaces with controls to monitor/maintain correct counterbalance pressure
- 3/4" units furnished with DIN electrical connections
- 1" & 1 1/4" units furnished with Brad Harrison connectors



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#### WARRANTY and CAUTIONS

Standard ROSS warranty and cautions apply, available upon request or at [www.rosscontrols.com](http://www.rosscontrols.com)

<b>ROSS EUROPA GmbH</b> Germany Fax: 49-6103-74694 info@rosseuropa.com	<b>ROSS ASIA® K.K.</b> Japan Fax: 81-427-78-7256 custsvc@rossasia.com.jp	<b>ROSS UK Ltd.</b> United Kingdom Fax: 44-121-559-5309 sales@rossuk.co.uk	<b>ROSS CONTROLS® INDIA Pvt. Ltd.</b> India Fax: 91-44-2625-8730 rossindia@airtelbroadband.in	<b>ROSS SOUTH AMERICA Ltda.</b> Brazil Fax: 55-11-4335-3888 vendas@ross-sulamerica.com.br	<b>DIMAFLUID s.a.s.</b> France Fax: 33-01-4945-6530 dimafuid@dimafuid.com	<b>ROSS CONTROLS(CHINA) Ltd.</b> China Fax: 86-21-6915-7960 alvinzhurong@vip.163.com
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