



# Now you can save time and money

with the Universal Doser System

Any of our chemicals can be poured into the Universal Doser and then squeezed into a central heating system using the concertina bottle via the various adaptors that fit the top of the bottle. This makes the application of chemicals into a heating system incredibly easy, fast and mess free. On average it can take as little as 5 minutes to dose an entire system with the Universal Doser System. This product comes with all the adaptors you need to quickly and efficiently dose most central heating systems.



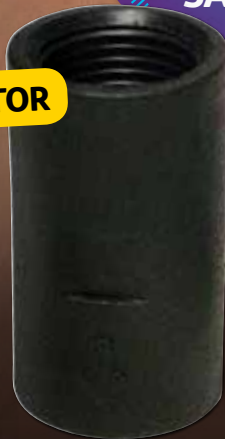
**1,2,3...  
SQUEEZE**  
EASY TO USE  
- AND -  
SAVES TIME

## INCLUDES:

FILLING LOOP ADAPTOR

RADIATOR BLEED  
SCREW ADAPTOR

1/2" BSP RADIATOR ADAPTOR



PRODUCT  
CODE >>

CHEM-UNI-DOSE

Call **01535 210 320** or visit [www.calmagltd.com](http://www.calmagltd.com)

# Introducing Calmag's unique and fast Universal Doser Application System

for use with any of our chemical products

**NEW**

NEW

# The Universal Doser System



“Now you can dose a system in as little as 5 minutes thanks to this unique concertina bottle - saving the installer time and money.”

CHARLES WYSOCKI - CALMAG

THE UNIQUE SQUEEZE APPLICATOR



### ADAPTOR FOR 1/2" BSP RADIATOR

(included with the Universal Doser System)



### ADAPTOR FOR RADIATOR BLEED SCREW

(included with the Universal Doser System)



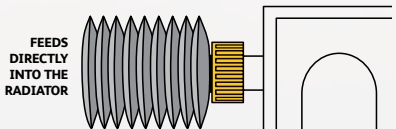
### ADAPTOR FOR FILLING LOOP

(included with the Universal Doser System)



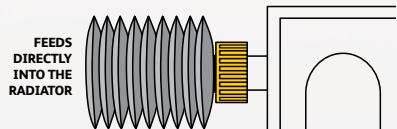
PRODUCT CODE >> CHEM-UNI-DOSE

#### Installation through a radiator



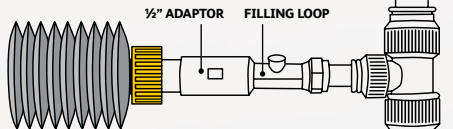
SQUEEZE THE UNIQUE CONCERTINA BOTTLE TO DELIVER THE PRODUCT INTO THE SYSTEM

#### Installation through a bleed screw



SQUEEZE THE UNIQUE CONCERTINA BOTTLE TO DELIVER THE PRODUCT INTO THE SYSTEM

#### Installation through a filling loop



SQUEEZE THE UNIQUE CONCERTINA BOTTLE TO DELIVER THE PRODUCT INTO THE SYSTEM

#### Installation through a radiator (including bleed screw)

- 1 Turn central heating off
- 2 Isolate one radiator in which the product is to be injected
- 3 Drain approximately half litre of water from the isolated radiator
- 4 Remove one 1/2" BSP fitting or bleed screw from the top of the isolated radiator
- 5 Remove top cap
- 6 Screw doser directly to the radiator or screw in using the bleed screw adaptor. Do not squeeze bottle during this operation
- 7 Squeeze contents into the radiator
- 8 Remove bottle when empty
- 9 Replace 1/2" BSP fitting or bleed screw to radiator and bleed the system
- 10 Refill and bleed the system until the recommended pressure is achieved
- 11 Check for leaks
- 12 System is now ready for use

Note: Cloth may be used to wipe away/contain any excess chemical.

#### Installation through a filling loop valve

- 1 Turn central heating off
- 2 De-pressurise system by opening a bleed screw on any one radiator until the pressure reading on the radiator shows zero bar
- 3 Close bleed screw on the radiator
- 4 The product needs to be injected on the filling loop one-way valve and NOT on the braided hose end
- 5 Remove top cap
- 6 Screw on the barrel adaptor to the top of the Doser 1/2" top. Do not squeeze bottle
- 7 Screw bottle with barrel into the filling loop valve
- 8 Squeeze contents into central heating system being careful of any spillages
- 9 Unscrew bottle when empty
- 10 Refill central heating system to recommended pressure
- 11 Check for leaks
- 12 System is now ready for use

Note: Cloth may be used to wipe away/contain any excess chemical.

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