

↗ **DOMETIC**  
**8520-OF**  
**Universal**  
**Overflow**  
**Regulator**



# DOMETIC 8520-OF Universal Overflow Regulator Instruction Manual

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**DOMETIC 8520-OF Universal Overflow Regulator**



## Product Specifications


- **Product:** Universal Overflow Regulator
- **Product Code:** 8520-OF
- **Gas Type:** LPG
- **Capacity:** 1.5kg/h
- **Overflow limiter:** Yes
- **Leak and level indicator:** Yes
- **Inlet Pressure:** 1~16 bar
- **Operating Pressure:** 50 mbar

## FAQ

- **Where can I find warranty information?**
  - You can contact Dometic Mobile Cooking Netherlands B.V. or Dometic Mobile Cooking UK Ltd. for warranty details or visit your local dealer's website at [www.cadacinternational.com/support](http://www.cadacinternational.com/support).

## Symbol

### Explanation of Symbols

-  Recycling packaging material. Place the packaging material in the appropriate recycling waste bins wherever possible.

## CAUTION

- Ensure adequate ventilation. Use this device only outdoors.

## IMPORTANT

- Read these instructions carefully to become familiar with the device before connecting it to the gas cylinder.
- Keep these instructions for future reference.

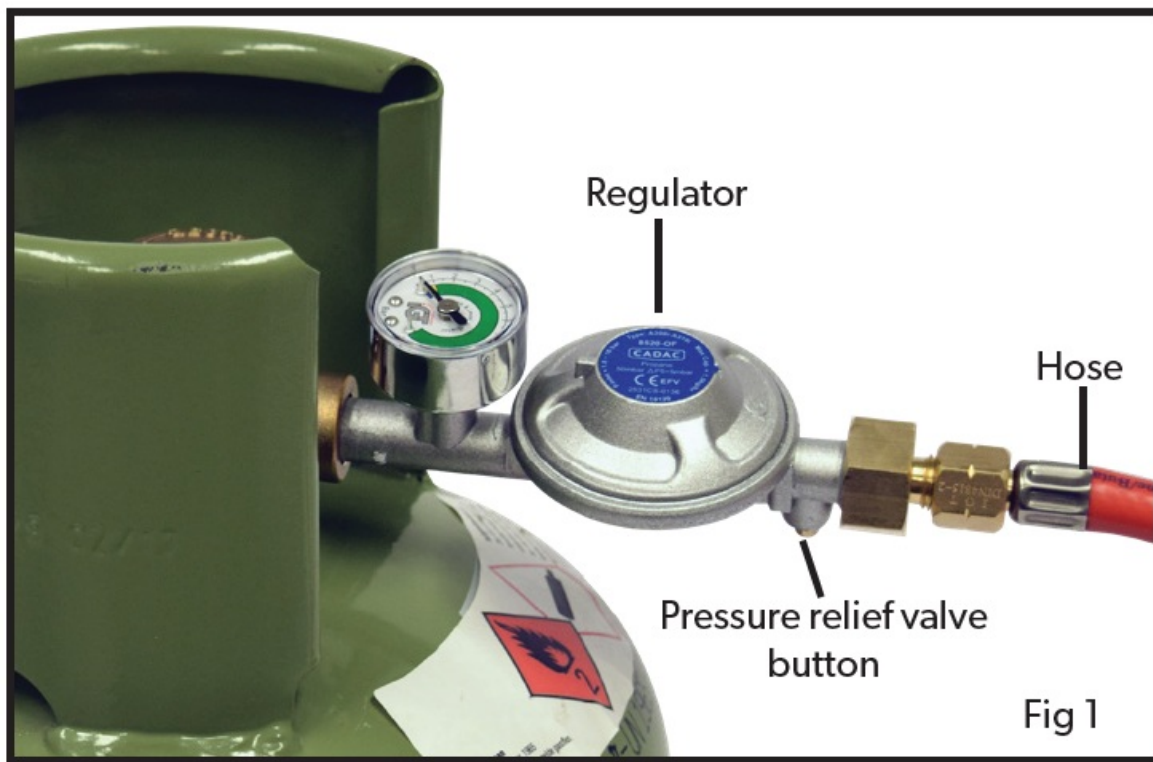
## Safety instructions

- This household regulator is designed to supply gas to gas-consuming appliances at the pressure and capacity indicated on the identification label.
- It can be mounted on any cylinder equipped with a cylinder valve with a manually operated closure.
- This regulator is equipped with a manual flow limiter.
- The following mounting, operation, and usage instructions must be followed.
- Check that the gasket on the cylinder valve is in place and in good condition.
- Before mounting the regulator, ensure that the rubber gasket in the bottle valve or in the pressure regulator is in good condition.
- If the gasket or the gas valve is not in good condition, ask your gas supplier to replace it with another gasket.
- Ensure that the gas hose is in good condition and not older than 5 years.
- When installing the regulator, ensure that the cylinder valve and gas appliances are turned off.
- Under normal usage conditions, to ensure safe operation of the installation, it is necessary to replace the regulator every 10 years from the production date.
- For outdoor use. The device should be placed or protected against direct exposure to water and rain.
- Use gas cylinders in an upright position only.
- Never remove the regulator in the Gas ON position.
- Do not move the cylinder while it is in use.
- Do not fit or exchange gas cylinders in the presence of an open flame.
- Do not use tools to mount the pressure regulator on the gas bottle. Hand-tightening the nut is sufficient.

<b>Gas type</b>	LPG
<b>Capacity</b>	1.5kg/h
<b>Overflow limiter</b>	Yes
<b>Leak and level indicator</b>	Yes
<b>Inlet pressure (bar)</b>	1~16
<b>Operating pressure</b>	50 mbar

## Installation Instructions

### Installation steps:



- Perform a visual inspection of the regulator. Remove dirt or loose metal shavings.
- Connect the hose to the outlet nozzle (fig 1) of the regulator (apply water to the hose to facilitate easier insertion).
- Remove the seal or cap from the gas cylinder valve. Ensure there is no open combustion or flame in the immediate vicinity.
- Hand-tighten the regulator nut onto the gas bottle valve. (Note: this is a left-hand thread!)
- Open the valve of the gas bottle.
- Press the pressure relief valve button on the regulator outlet to fill the hose with gas (Fig 1).
- Conduct a leak test using the pressure gauge (See section 4). If gas-tight, the gas appliance can be started.
- When replacing the gas bottle, close the valve of the gas bottle first before unscrewing the regulator.

#### **Leak Test:**

- Ensure the regulator is connected to the gas appliance via the gas hose.
- The gas valve of the appliance must be in the closed position.
- Confirm the regulator is securely attached to the gas bottle valve.
- Slowly open the gas bottle valve. The regulator and gas hose will fill with gas. Close the gas valve again.
- Check if the pointer of the manometer is in the green indicator zone. Wait for 2 minutes. If the pointer remains in the same position, the installation is gas-tight. (See section 4)
- If the gauge pointer is in the yellow or blue area, there may be a gas leak. (See section 4)
- Visually inspect the gas installation using a leak detection spray or soapy water to identify any leaks.
- Do not operate the gas appliance if there is a gas leak.

#### **Leaks**

- Do not use any device that leaks, is damaged, or does not function properly (defective).
- If you suspect a gas leak, apply soapy water to the connection points (the regulator should not be fully

submerged in soapy water as it may compromise its safe operation). If there is a leak, you will see bubbles coming from the leakage point.

## The function of the overflow limiter

- This regulator is equipped with a manual flow limiter
- It activates when:
  - The gas appliance uses more gas than 110% of the nominal capacity of the regulator.
  - The gas hose becomes disconnected.
  - The gas hose becomes damaged or is accidentally cut.
- The flow limiter will shut off the gas supply.
- To reset, connect a hose to the regulator outlet and press the button to fill the gas hose with gas. Then, relight the gas appliance.

## Manometer

### Manometer – low level indicator

The gas level can be observed while gas is flowing between the gas cylinder and the appliance.



- BLUE
  - The gas cylinder is empty and needs to be refilled. Gas pressure is lower than 0,3 bar
- YELLOW
  - Gas cylinder is almost empty with 1-2 hours of use remaining. Will need refilling soon. Gas pressure is between 0,3 en 1 bar.
- GREEN
  - Gas level is sufficient and ready for use. Gas pressure is between 1 en 12 bar

## Warranty

- The statutory warranty period applies. If the product is defective, please contact your retailer or the manufacturer's branch in your country (see [www.cadacinternational.com/support](http://www.cadacinternational.com/support)).
- For repair and warranty processing, please include the following documents when you send in the product:
  - A copy of the receipt with purchasing date,
  - A reason for the claim or description of the fault.
- Note that self-repair or non-professional repair can have safety consequences and might void the warranty.

## CONTACTS

### DOMETIC MOBILE COOKING NETHERLANDS B.V.

- Ratio 26, 6921 RW Duiven The Netherlands
- **Tel:** +31 26 319 7740
- **Email:** [info@cadaceurope.com](mailto:info@cadaceurope.com)

### DOMETIC MOBILE COOKING UK LTD.

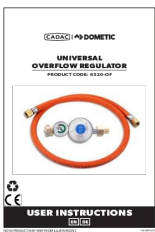
- 114 Deanfield Court, Link59 Business Park Clitheroe, Lancashire, BB7 1QS United Kingdom
- **Tel:** +44 (0) 333 2000363
- **Email:** [info@cadacuk.com](mailto:info@cadacuk.com)

### YOUR LOCAL DEALER:

- [www.cadacinternational.com/support](http://www.cadacinternational.com/support)

**NOTE!** PRODUCT MAY VARY FROM ILLUSTRATIONS

## Documents / Resources

	<p><a href="#">DOMETIC 8520-OF Universal Overflow Regulator</a> [pdf] Instruction Manual 8520-OF Universal Overflow Regulator, 8520-OF, Universal Overflow Regulator, Overflow Regulator</p>
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## References

- [↗ Support | CADAC Dometic](#)
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- [User Manual](#)

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