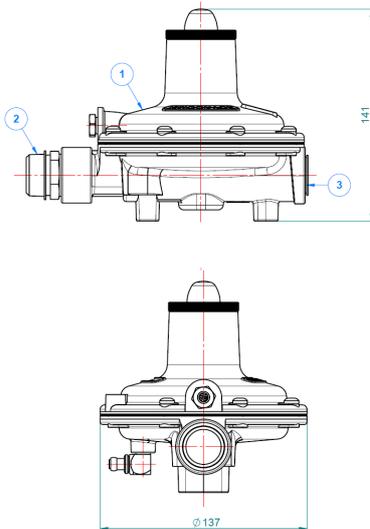




CLESSE PART No.
001060BA/BR

3RD STAGE BP2302 UPSO
37mb 8kg/h 110kW

SUPPLIED BY
CLESSE
(UK) LIMITED



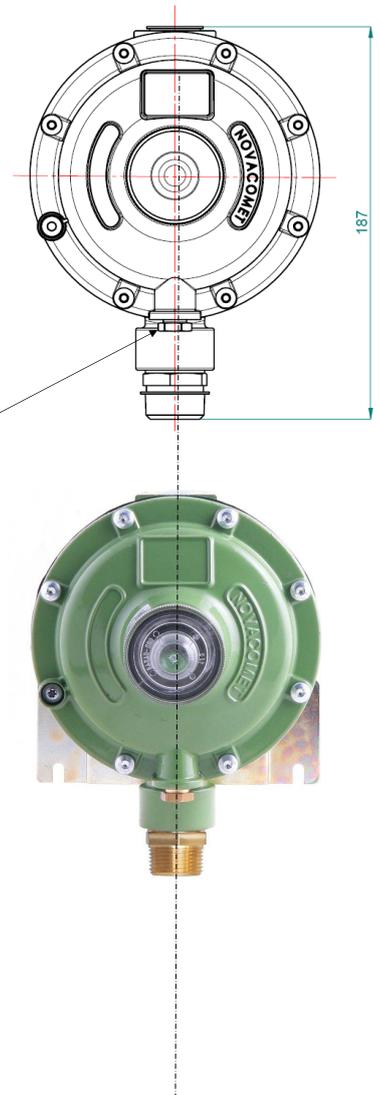
Technical Information	
Regulator	BP2303 UPSO
Capacity kg/h (kW)	8 (110)
Set Pressure	37 mbar
Inlet Pressure(2nd Stage)	75 mbar (60-90mbar)
Limited relief Valve	75 mbar
UPSO Pressure	27-30 mbar
Design Standard	EN 16129
Inlet connection	Rc3/4M ISO/7 (BSP)
Outlet connection	Rc3/4F ISO/7 (BSP)

Item	Qty	Description
1	1	BP2303 3rd Stage regulator
2	1	Wall mount bracket

THIS REGULATOR IS FOR 3 STAGE SYSTEMS AND FITTED WITH A RELIEF VENT

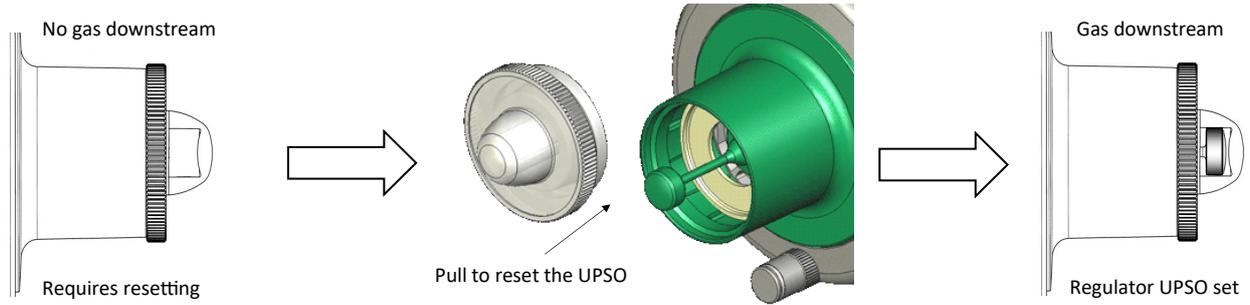
Assembly Instruction

1. Check the contents of the box, ensuring that the regulator meets the pressure and capacity of the installation and all items are present and not damaged.
2. Assemble the components as above, using PTFE tape to BS EN 751:3 Type G or Clessetite on the male threads. Tighten fittings on the regulator without applying undue strain on pre-assembled joints particularly, regulator inlet. Assemble to achieve a gas tight seal using a flat jawed spanner on the appropriate points on the regulator.
3. If wall mounted, an additional bracket is supplied, using a self tapping screw.
4. Ensure that the regulator is fitted outdoors where the relief vent can discharge LPG safely if needed. Otherwise, the vent must be piped to an outdoor location, routed so that water cannot collect, and be capable of being self draining. Ensure the regulator or vent tube does not vent in areas that could collect LPG vapour such as un-trapped drains or basements.
5. Perform a gas tightness test to the requirements of UKLPG COP22 or BS 5482:1 – 2005, using the test point on the regulator. Only use a small 3.5mm flat bladed screw driver and avoid over tightening when finished.
6. Use Leak Detection Fluid on the test point, wiping off any remaining residues. If not using LPG for test media, purge the assembly fully before leaving site, ensuring all pipework is plugged or capped.
7. Adjustment of UPSO is not possible. Relief valve can be adjusted using a suitable 12mm box spanner.
8. Fully commission assembly, checking operating pressures only when the appliances are available and connected. Otherwise, check for soundness and lockup before leaving.



Operating Conditions	Settings
Lock-up Pressure	50mb or less
Operating pressure	37mb +/- 5mb
Operating temperature	-20°C to 45°C

Under Pressure Shut Off Valve Reset



Before resetting the Under Pressure Shut Off

1. Ensure any valves downstream of the regulator are closed before introducing gas into the pipework
2. Check gas is available, turned on upstream of the regulator and that the OPSO is also set
3. Unscrew the large clear plastic cap on the main body of the regulator as shown
4. Under this cap is the green UPSO reset (spindle), gently pull the green re-set, hold in this position whilst downstream pipework fills with gas.

Do not push the reset spindle

5. Replace the cap, finger-tight and commission the installation if required.
6. When reset the green spindle is clearly visible under the clear cap as shown with the best viewing angle from the side.