

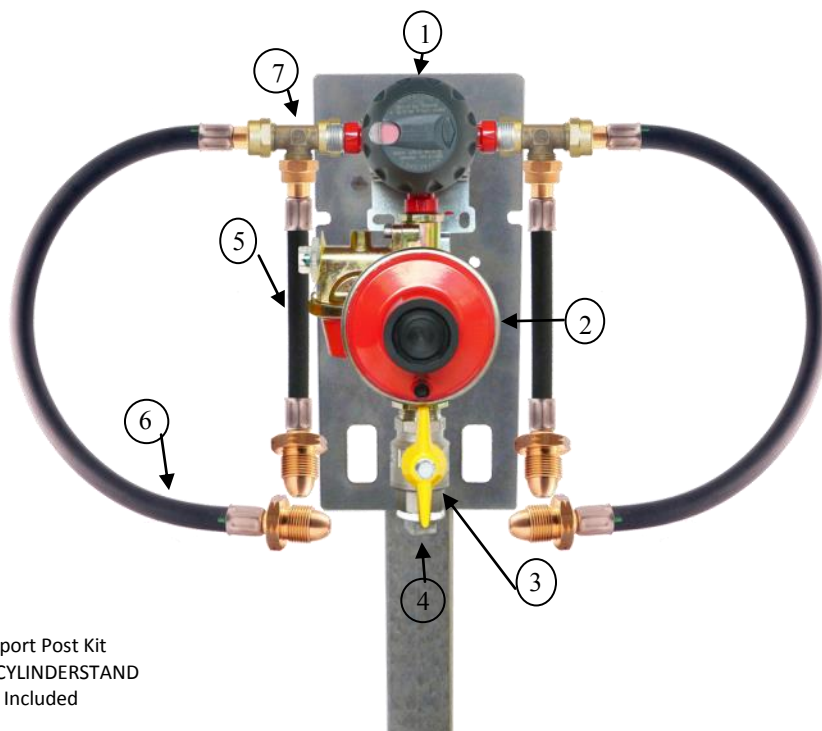


CLESSE
PART No.
UU8175C12/4CYL

Commercial ACO upto
12kg/h (167kW/h)

SUPPLIED BY
CLESSE
(UK) LIMITED

2012/11/21AMC
UU8175C12/4CYLV1



Support Post Kit
UUCYLINDERSTAND
Not Included

Description and Usage of Kit UU8175C12/4CYL

This 4 cylinder kit is design to regulator from bottle pressure down to 37mbar giving a maximum flow of 12kg/hr (167Kw/hr). To achieve this capacity, you would need 5 bottles per side and the addition of 3 x Kit UU2CYLXKIT (This kit contains 2 x POL x POL 20" Pigtails and 2 x Extended POL T's as pictured (right)) The kit is designed to be mounted either direct to the property or mounted on the Changeover Mounting Kit UUCYLINDERSTAND (pictured right)

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. Any missing items can be replaced by Clesse (UK) Ltd, contact details are shown at the bottom of this leaflet.
2. Using PTFE tape or Clessetite, assemble the Ball Valve (4) into the outlet of the BP2204 OPSO as shown in the above photo.
3. Using PTFE, fasten the hollow plug into the outlet of the ball valve.
4. Connect assembly up as shown in the above photograph. The main regulator assembly is pre assembled which only requires the pigtails to be connected. Use the washers provided on ALL remaining joints.
5. Fasten the Changeover to the wall using the mounting holes in the metal mounting bracket. Use rawl plugs and screws (not supplied) to fasten to the wall. Ensure the pigtails are located below the inlet to the changeover to avoid any collection of liquid in the pigtail.
6. On completion perform a gas tightness test to the requirements of UKLPG COP22 or BS 5482:1 – 2005 using the test point on the second stage regulator. Only use a small 3.5mm flat bladed screw driver and avoid over tightening when finished.
7. Use Leak Detection Fluid on the test point and POL connection 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.
8. Fully commission assembly checking operating pressures only when the appliances are available and connected otherwise check for soundness and lockup before leaving. Note—the regulators are pre set at the factory and do not normally need adjustment when used. If operating pressure adjustment is required see overleaf. There is a relief valve in this assembly.

Technical Information	
Regulator	AC2600 & BP2204
Capacity kg/h (kW)	Upto 12 kg/hr (Upto 167kw/hr)
Set Pressure	37 mbar
OPSO Set Pressure	125 mbar
UPSO Pressure	N/A
Limited Relief Valve	75 mbar
Design Standard	EN13785
Inlet connection	UK POL
Outlet connection	3/4" BSPT F

Item	Qty	Description
1	1	High Pressure Changeover Head
2	1	BP2204 2nd Stage OPSO/UPSO Regulator
3	1	3/4" BSPT M/F Ball Valve
4	1	3/4" BSPT Hollow Plug
5	2	20" UK POL x W20 Straight Through Pigtail
6	2	33" UK POL x W20 Straight Through Pigtail
7	2	Connecting Tee C/W NRV

Additional Item purchases can be made of the Equipment hereunder to compliment this Changeover kit are available by quoting the relevant reference numbers



Optional 2 Cylinder Upgrade Kits for increasing Cylinder Quantity
Kit Ref: UU2CYLXKIT



Optional Changeover Support Stand with integrated base for mounting cylinders safely.

Kit Ref: UUCYLINDERSTAND

*CLESSE (UK) LTD and NOVACOMET ARE PART OF THE LPG DIVISION FOR
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MANUFACTURING AND SUPPLYING LPG EQUIPMENT THROUGHOUT EUROPE*

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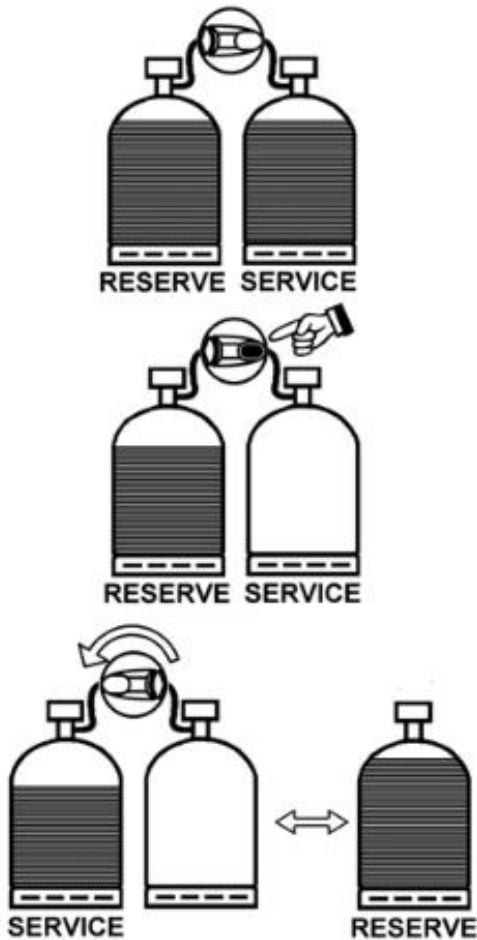
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Changeover Operating Conditions	Settings
Lock-up Pressure	50mb or less
Operating pressure	37mb (+/-5mb)
Max Inlet Pressure	16 Bar
Operating temperature	-20°C to 45°C
Flow rates	12 kg/h

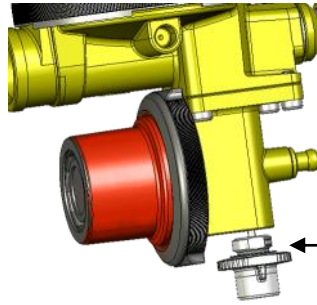
Shut Off Valve Reset on 37mb 12Kg/ Hr Changeover

Changeover Operation

Turn the hand-wheel fully toward "SERVICE" cylinder.
Open all cylinders valves ("SERVICE" and "RESERVE") and downstream valves (if any).
The indicator doesn't show red colour anymore.
Check joints with a suitable leak detection fluid.

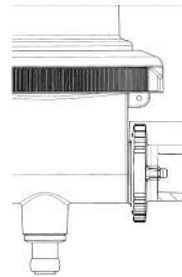


Over Pressure Shut Off Valve Reset

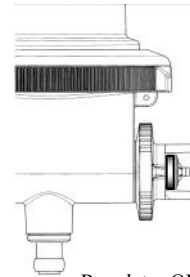


IT IS A LEGAL REQUIREMENT THAT OPSO RESET CAN ONLY BE PERFORMED BY SUITABLE QUALIFIED GAS ENGINEER

1. Over Pressure Shut Off must be reset by a qualified gas engineer, who should establish any cause for tripping, particular if this device trips repeatedly .
2. The device is fitted with a sealing wire, this must be replaced when reset (not shown)
3. If the OPSO has tripped together with UPSO then the OPSO must be reset first
4. Gas supply does not require to be turned on , but ensure downstream valves have been turned off before resetting
5. Remove sealing wire and unscrew the OPSO reset cap, in doing so this will begin to engage the reset spindle
6. The OPSO cap is attached to the green reset indicator inside and is used to pull the device to reset—pull the cap firmly
7. When reset, replace cap, finger tight and reseal with new wire seal, if required proceed to reset UPSO



Requires resetting



Regulator OPSO set

OPSO Adjustment



1. OPSO adjustment is not normally required—however in the event that this is required
2. Remove the black OPSO cap using special key, and adjust to give the desired pressure. Reset OPSO and recheck settings.

ANY ADJUSTMENT CAN ONLY BE PERFORMED BY SUITABLE QUALIFIED GAS ENGINEER

OPSO Adjustment

Any queries with the contents of this kit please contact Clesse (UK) Ltd quoting the kit name, number, batch code and item number (from the itemised drawing). Alternatively fax the information by filling in below.

Kit Description		Comments
Kit Code		
Kit Batch Number		
Engineer Name		Address
Engineer Contact Tel. No.		
Post Code		

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