

NATURAL GAS APPLIANCE REGULATORS

(Item Number: 6160788 and 6160785)

DESCRIPTION

Low-pressure Natural gas appliance regulator. They are used for appliances such as stoves and BBQs. Spring-loaded diaphragm operated, with an adjustable screwed cap with lock nut.



SPECIFICATIONS

- Model designation: Type 980 & 980L
- Approval: AGA 5862
- Maximum inlet pressure 5.0 Kpa
- Outlet pressure 1.0 Kpa. Pre-set - but adjustable from 0.75-1.5kPa.
- Flow rates: 0.006 to 6.7 m³/hr.
- Capacity: 250MJ/hr (5.5kg/hr)
- Temp Limitation 0°C to 60°C max
- Integrated test point adaptor
- 6160785 connections: ½" RP F
- 6160788 connections: ¾" BSP F
- Type - B
- Class - O
- Grade - 20

INSTALLATION

- Installation is to be carried out by an authorised person and installed in accordance AS5601.
- Use only AGA approved sealant for pipe connecting purposes.
- Ensure gas flow is in the same direction as the arrow indicated on the body of the regulator.
- Ensure appliance regulator model has the correct outlet pressure.
- Leave yellow cap on vent to prevent dust or insects getting in.
- No replacement parts. If damaged, replace whole regulator.

ADJUSTING OUTLET PRESSURE

To adjust outlet pressure, remove the protection cap which is on the top cover of the regulator. To increase the outlet pressure, turn adjustment screw clockwise. To decrease outlet pressure, turn adjustment screw counterclockwise. Replace protection cap.

DETAILS OF NATURAL GAS IDENTIFICATION LABEL

Markings

BROMIC
“O”
Model Type 980
“L” after model type
5kPa
5862

Denoting

Distributor
Manufacturer (OARA)
Natural Gas Model
Indicates a fixed orifice on the top cover to limit venting
Maximum inlet pressure in Kpa
AGA Approval Number

FAULT DIAGNOSIS

Check that the gas type is appropriate for the appliance regulator model. Outlet pressure range to the appliance is appropriate for the appliance regulator model. Ensure vent is not blocked. When cleaning vent, do not enlarge orifice size. If problems still persist, contact your place of purchase or plumbing@bromic.com.

Check inlet/outlet pressure by removing pressure test point screw and adjust by unlocking lock nut and moving adjustable screwed cap.

FAQS

What is the vent for? It is a vent for air, not gas. (If gas can be smelt from this, there is a puncture in the diaphragm and must be replaced). The vent allows the diaphragm to move up and down to allow the gas to flow. Through the regulator. If this is blocked, the gas will either be blocked from flowing or will not be able to stop flowing depending on how the diaphragm is stuck. The yellow cap should be left on to prevent dust or insects from blocking the hole.

Can this be installed indoors? Yes, it can be installed in cupboards or outside for a BBQ.

NATURAL GAS CONVERSION KITS USED WITH 6160785 (1/2")

SKU	Description	Hose Type	Hose Length	Connections	Extras
6260034	13mm SS hose 250MJ NG reg 1/2BSP F inverted flare	13mm SS	200mm	1/2" BSP F x bayonet	
9499003	BBQ Conv Kit Hose Connect & NG Gov Ass 3/8 SAE	10mm PVC	200mm	3/8" SAE F x bayonet	
9499015	Kit BBQ NGc PVC 3.0M 3/8 SAE No FI Socket	10mm PVC	3000mm	3/8" SAE F x bayonet	
9499029	Kit BBQ SS NG Conv 900mm 3/8 SAE No FI Socket	10mm SS	1700mm	3/8" SAE F x bayonet	
9499033	Kit BBQ NG Conv 600mm SS Hose 3/8 SAEF+250Mj Reg	10mm SS	600mm	3/8" SAE F x bayonet	
9499036	Kit SS BBQ NGC 750mm 3/8 SAE No Inj No F/Skt	10mm SS	2750mm	3/8" SAE F x bayonet	
9499039	Kit BBQ SS NG Conv 3/8 2000mm SAE No FI Socket	10mm SS	2000mm	3/8" SAE F x bayonet	
9499043	Kit Ng Ss 10 / 13Mm Hose 750 / 1500Mm 3/8 Sae Elx	13mm + 10mm SS	150mm + 750mm	3/8" SAE F x bayonet	
9499046	Kit BBQ NGC 3/8SAE 250Mj/Hr for GLG with Ball Valv	10mm PVC + SS	1500mm + 300mm	3/8" SAE F x bayonet	1/2" Ball valve, 2mm + 1.75mm jets
9499047	Kit BBQ NGC 13mm Dia 3/8SAE 250Mj/Hr GLG With b Valve	13mm SS	1500mm + 300mm	3/8" SAE F x bayonet	1/2" Ball valve. Chain + snap hook
NGCK05 - 13MM	13mmBBQ NGCK SS 250Mj &B/val,no S/hose500mm	13mm SS	500mm	1/2" BSP F x bayonet	1/2" Ball valve
NGCK10	Kit BBQ SS NG 250Mj Conv 3/8SAE 3M c/w Ball Valve	10mm SS	3200mm	3/8" SAE F x bayonet	1/2" Ball valve
NGCK15 - 13MM	13mmBBQ NGCK SS 250Mj &B/val,no S/hose1500mm	13mm SS	1500mm	1/2" BSP F x bayonet	
NGCK3	BBQ Conv Kit NG PVC 250Mj 3/8 SAE & Floor Socket	10mm PVC	1700mm	3/8" SAE F x bayonet	1/2" Floor socket
NGCK30 - 13MM	13mmBBQ NGCK SS 250Mj &B/val,no S/hose3000mm	13mm SS	3000mm	1/2" BSP F x bayonet	1/2" Ball valve
NGCK4	BBQ Conversion Kit NG PVC 250Mj 3/8 SAE	10mm PVC	1700mm	3/8" SAE F x bayonet	
NGCK5	BBQ Conv Kit NG SS 250Mj 3/8 SAE & Floor Socket	10mm SS	1500mm	3/8" SAE F x bayonet	1/2" Floor socket
NGCK6	BBQ Conv Kit SS Nat Gas -3/8 SAE No Floor Socket	10mm SS	1700mm	3/8" SAE F x bayonet	
NGCK9	BBQ Conv Kit SS NG 250Mj 3/8 SAE & Ball Valve	10mm SS	1700mm	3/8" SAE F x bayonet	1/2" Ball valve

END TECHNICAL DATA SHEET