Single-Stage, Low Pressure L P Gas Regulator (GB)

Type A500i 2531CT-0019

OPERATING INSTRUCTIONS TO BE KEPT BY THE USER

Read carefully before use

Safety Advise.....

- ✔ Always install the regulator in Gas OFF position only.
- ✔ In normal conditions of use, in order to ensure a safe operation of installation. Its recommended that regulator should minimum be changed every 10years from the date of manufacturing.
- ✔ For out door use,the devise should be positioned or protected against direct penetration of trickling of water.
- ✔ Before installation make sure that rubber gasket in cylinder valve or regulator is in good condition.
- ✔ Make sure all taps and appliances are turned off.
- ✔ Use LPG cylinders in upright position only.
- ✔ Make sure flexible pvc gas tubing is in good condition & not more than 3 years old.
- ✔ For rubber Tubing not more than 6 years.
- ✘ Do not try to remove the regulator in Gas ON position ever.
- ✘ Do not move the gas cylinder during operation.
- ✘ Do not change LPG cylinders in the presence of open lights or flames.
- When the regulator is installed downstream of another regulator, the supply pressure range shall be correct for the regulated pressure range of the upstream regulator,plus any pressure losses in the interconnecting pipe work.
- That downstream installation pressure loss shall not exceed the △P marked on the device.
- If fitting the regulator indirectly to a pressurized tank:
  The regulator must not be positioned lower than top of the tank or outlet valve.This is to avoid any gas vapor which may have re-liquefied from draining down into the regulator.Any additional pipes or horses,used to connect the regulator,must be so inclined so that any liquefied or condensed gas can drain back into tank.

Steps For Installation.....

- Check the gasket on the valve is in place and in good condition.
- If the gasket or the gas valve is not in good condition ask your gas dealer to replace it with another cylinder. Start the installation:

1 Conduct a visual inspection of the regulator.
2 Remove any dirt or loose metal shavings.
3 Fit the gas hose to the regulator outlet nozzle. Use water or liquid soap for lubrication of the hose. Insert firmly and clamp it using the hose clamp. If the regulator has a threaded outlet tighten, the nut on the hose to the regulator by hand, then tighten nut firmly by use of a wrench. Attach the hose to the gas appliance in a similar way.

4 In total absence of any flame remove the protection seal or cap from the gas must be cylinder valve.
5 Tighten the regulator by hand. No tool needed!
6 Open the knob on regulator counter clockwise min one full turn.

Leak Test Procedure.....

- The regulator is connected to the gas appliance with the gas hose. Gas appliance valves shall be in closed Position.
- The regulator is attached to the gas cylinder valve.
- Open the knob on regulator counter clockwise min. one full turn.
- After filling up the regulator and hose with gas, Close the knob on regulator clockwise until fully closed, the gas is now trapped between gas regulator and gas appliance.
- Apply soapy water on all connectors and the hose between regulator and gas appliance.
- Also, between regulator and the cylinder valve. Leaks will appear as small bubbles.
- Repeat procedure until all leaks have been eliminated.
- Gas appliance should not be used until all leaks have been eliminated.

Technical Data.....

Model No.	A500i				
Gas Type	Butane		LPG		Propane
Inlet Pressure(bar)	0.3~7.5		0.3~16		1-16
Nominal Outlet Pressure(mbar)	28-30	50	30	50	50
△P2 (mbar)	2	-	2	-	-
△P5 (mbar)	-	5	-	5	5
Working temperature	0°C~50°C		-20°C~50°C		
Capacity	1.5kg/h	1.0kg/h	0.8kg/h		
Inlet connection	M14,M16,7/16"				
Outlet connection	All relevant to EN16129				

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