



## King Cutting / Welding / Heating Torches



### **KING REGULATOR SERIES** (TWO-STAGE) GAS REGULATORS

#### **SALIENT FEATURES & BENEFITS:**

- Stainless steel diaphragm in first stage to absorb shock of inlet pressure up to 230 bar. Flexible rubber diaphragm in second stage for fine gas control.
- Forged brass bonnet in first stage and die cast special alloy bonnet in second stage for higher strength.
- Teflon moulded valve and stainless steel spindle in the valve assembly capsule in both stages for leak-proof performance.
- Unique pressure gauge & pressure adjusting knobs.
- Second stage plenum chamber volume is six times than first stage ensuring very stable flow characteristics.
- Double protection through separate safety valves in both first and second stage.
- Triple filter: one in inlet and two wire mesh in the valve assembly protect the sensitive internal parts from any dust particles. Weight 2.40 Kg.
- Argon Gas Regulators with outlet flow-gauge design indicating gas flow in LPM and Ft<sup>3</sup>/Hr. as measuring units as seen in gas flowmeter, hence no additional flow-meter required.
- Argon is a shielding Gas while others gases such as Oxy / Acetylene/ LPG are being used for Oxy-fuel cutting application and Nitrogen in High definition Plasma Cutting, are high pressure compressed gases.

#### **BRIEF SPECIFICATIONS :**

Gas	Regulator Type	Max. Inlet Pressure Bar	Max. Outlet Pressure Bar	Max. Flow Lpm	End Connections	
					Inlet	Outlet
Oxygen	KING REGULATOR	230	10	1000	5/8" BSP RH (MALE)	3/8" BSP RH (MALE)
Acetylene	KING REGULATOR	25	1.5	250	5/8" BSP LH (MALE)	3/8" BSP LH (MALE)
Argon	KING REGULATOR	230	-	25	5/8" BSP RH (MALE)	3/8" BSP RH (MALE)
Nitrogen	KING REGULATOR	230	10	1000	5/8" BSP RH (MALE)	3/8" BSP RH (MALE)

Manufactured as per IS:6901-2009

Certified by Bureau of Indian standards. Regulators are marked with ISI and certification license number CM/L 7225968.