

### Description

Tesuco's range of European made single stage regulators have been designed to withstand high inlet pressures, up to 30,000kPa. The fully machined brass body, cleaned to the process standard, is robust and of a high design quality. The encapsulated seat has been designed so that the shock of high pressure gas does not impinge directly on the seating material when it is closed. This is of particular importance in oxygen regulators where there is a danger of oxygen ignition occurring in the vicinity of the seat. Tesuco's entire range of single stage regulators have been designed to withstand and contain oxygen ignition and have been subjected to the "Promoted Oxygen Ignition Test", as detailed in AS 4267.

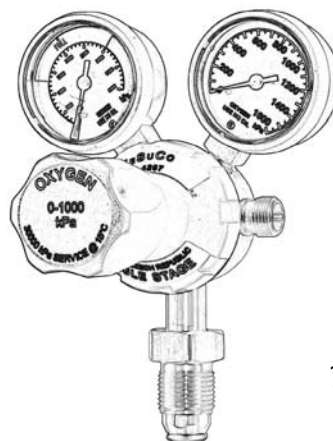
Part No	Gas Type	Inlet Connection	Outlet Pressure
<b>Bottom Entry</b>			
RZ1BOX10	OXYGEN	Type 10	0 - 1,000 kPa
RZ1BAC1.5	ACETYLENE	Type 20	0 - 150 kPa
RZ1BHY10	HYDROGEN	Type 20	0 - 1,000 kPa
RZ1BIG10	INERT GAS	Type 10	0 - 1,000 kPa
RZ1BNI10	NITROGEN	Type 50	0 - 1,000 kPa
RZ1BNI10H	NITROGEN	Type 50 Handwheel	0 - 1,000 kPa
RZ1BNI10P	NITROGEN	Type 51	0 - 1,000 kPa
RZ1BAI10	AIR	Type 60	0 - 1,000 kPa
RZ1BAI10H	AIR	Type 60 Handwheel	0 - 1,000 kPa
RZ1BAI10P	AIR	Type 61	0 - 1,000 kPa
RZ1BCD10	CO <sub>2</sub>	Type 30	0 - 1,000 kPa
<b>Side Entry</b>			
RZ1SOX10	OXYGEN	Type 10	0 - 1,000 kPa
RZ1SAC1.5	ACETYLENE	Type 20	0 - 150 kPa
RZ1SHY10	HYDROGEN	Type 20	0 - 1,000 kPa
RZ1SIG10	INERT GAS	Type 10	0 - 1,000 kPa
RZ1SNI10	NITROGEN	Type 50	0 - 1,000 kPa
RZ1SNI10H	NITROGEN	Type 50 Handwheel	0 - 1,000 kPa
RZ1SNI10P	NITROGEN	Type 51	0 - 1,000 kPa
RZ1SAI10	AIR	Type 60	0 - 1,000 kPa
RZ1SAI10H	AIR	Type 60 Handwheel	0 - 1,000 kPa
RZ1SAI10P	AIR	Type 61	0 - 1,000 kPa
RZ1SCD10	CO <sub>2</sub>	Type 30	0 - 1,000 kPa
<b>Bottom Entry Flow Gauge</b>			
RZ1BARFG	ARGON / CO <sub>2</sub>	Type 10	0 – 40 lpm
<b>Side Entry Flow Gauge</b>			
RZ1SARFG	ARGON / CO <sub>2</sub>	Type 10	0 – 40 lpm
<b>Special – User Specified</b>			
RS1	-	-	-

Pressure gauges to AS4706

Safety Relief Valve fitted to all regulators except Acetylene

Fine thread on pressure adjustment knob for accurate delivery pressure setting

All labeling as required in AS4267



Pressure Gauge Ports  
1/4" BSPP RH Female

Outlet Connection to AS4267

Inlet and Outlet Port  
1/4" BSPP LH Female

Inlet Connection to AS2473