

REGO 1780 SERIES

FEATURES:

- Maintains a steady downstream pressure across a range of inlet pressure commonly provided by a cryogenic bulk tank.
- Large seat and diaphragm areas provide high capacity with sensitive control of delivery pressure with low fall-off.
- Two 1/4" FNPT delivery pressure gauge ports are located (plugged) on each side of the valve.
- Two bonnet drain/vent holes to allow for different mounting orientation.
- T Handle adjusting screw.
- Maximum inlet pressure is 400 psig.
- Available in three delivery pressure ranges.
- Temperature range: -40 degrees F to 165 degrees F.
- Cleaned per CGA G-4.1 for oxygen service.

REGO CRYO-FLOW
PRODUCTS

For Carbon Dioxide and Nitrous Oxide Service: Specify EPDM material for seat disc and O-Rings, add "E" to the end of part number.

DIMENSIONS:

The 1780 Series regulators have inlet and outlet connection dimensions similar to the popular 1680 Series aluminum regulators. This means you can replace the respective size 1680 Series regulator with the new 1780 Series Regulator and have the improved balanced seat performance.

RMI Part No.	Delivery Pressure Range	Range (PSI)	Pressure Gauge* P/N	Inlet * Outlet (FNPT)
1784A	5-55 psig	1-100	1286	1/2"
1784B	40-110 psig	1-200	S1679	1/2"
1784C	100-200 psig	1-400	15578	1/2"
1786A	5-55 psig	1-100	1286	3/4"
1786B	40-110 psig	1-200	S1679	3/4"
1786C	100-200 psig	1-400	15578	3/4"
1788A	5-55 psig	1-100	1286	1"
1788B	40-110 psig	1-200	S1679	1"
1788C	100-200 psig	1-400	15578	1"

*Regulator sold without gauge. Order gauge separately.



1780 Series

REGO BR-1780 SERIES

FEATURES:

- Maintains a steady downstream pressure across a range of inlet pressure commonly provided by a cryogenic bulk tank.
- Large seat and diaphragm areas provide high capacity with sensitive control of delivery pressure with low falloff.
- Two 1/4" FNPT delivery pressure gauge ports are located (plugged) on each side of the valve.
- Two bonnet drain/vent holes to allow for different mounting orientation.
- Bonnet cap to cover adjusting screw for tamper protection.
- Maximum inlet pressure is 400 psig.
- Available in four delivery pressure ranges.
- Temperature range: -40 degrees F to 165 degrees F.
- Cleaned per CGA G-4.1 for oxygen service.



For Carbon Dioxide and Nitrous Oxide Service: Specify EPDM material for seat disc and O-Rings, add "E" to the end of part number.

RMI Part No.	Delivery Pressure Range	Range (PSI)	Pressure Gauge*	FNPT	Inlet & Outlet Cv
			RMI Part No.		
BR-1784A	5-55psig	1-100	1286	1/2"	3.1
BR-1784B	40-110psig	1-200	S1679	1/2"	3.1
BR-1784C	100-200psig	1-400	15578	1/2"	3.1
BR-1786A	5-55psig	1-100	1286	3/4"	4.8
BR-1786B	40-110psig	1-200	S1679	3/4"	4.8
BR-1786C	100-200psig	1-400	15578	3/4"	4.8
BR-1788A	5-55psig	1-100	1286	1"	5.5
BR-1788B	40-110psig	1-200	S1679	1"	5.5
BR-1788C	100-200psig	1-400	15578	1"	5.5

MAINTENANCE & OPTION KITS

Regulator Model	BR-1784	BR-1786	BR-1788
Repair Kit Part No.	BR-1784-80	BR-1786-80	BR-1788-80
Spring Kit Part No.			
"A" spring 5-55 psig	BR-1784-7SKA	BR-1786-7SKA	BR-1788-7SKA
"B" spring 40-110 psig	BR-1784-7SKB	BR-1786-7SKB	BR-1788-7SKB
"C" spring 100-200 psig	BR-1784-7SKC	BR-1786-7SKC	BR-1788-7SKC
T-Handle Screw Thread Option Kit	BR-1784-7ST	BR-1786ST	BR-1788ST



BR-1780 Series