

Heavy Duty Final Line

HEAVY DUTY BRASS FINAL LINE PRESSURE REGULATOR BR-1780 SERIES

Application

BR-1780 Series Regulators are designed for final line pressure regulation on medical oxygen systems. They are equally suitable for a variety of gases in medical or industrial applications. The BR-1780 Series Regulators have a balanced seat, are constructed with oxygen compatible materials, and offer a tamper resistant adjustment screw cap. Flow performance is impressive as well offering up to 30,000 SCFH for the 3/4" and 1" model and up to 20,000 SCFH for the 1/2" model. Compatible with oxygen, nitrogen, argon, hydrogen, helium, CO₂, and LNG.



BR1784A

Part Number	Delivery Pressure Range	Pressure Gauge*		Inlet & Outlet (F.N.P.T.)		Cv (Kv)
		Range (psig)	P/N	inches	mm	
BR-1784A	5-55 psig (0.3-3.8 barg)	1-100	1286	1/2"	12.7	3.1 (2.68)
BR-1784B	40-110 psig (2.8-7.6 barg)	1-200	SI679			
BR-1784C	100-200 psig (6.9-13.8 barg)	1-400	15578			
BR-1784D	175-300 psig (12.1-20.7 barg)					
BR-1786A	5-55 psig (0.3-3.8 barg)	1-100	1286	3/4"	19.05	4.8 (4.15)
BR-1786B	40-110 psig (2.8-7.6 barg)	1-200	SI679			
BR-1786C	100-200 psig (6.9-13.8 barg)	1-400	15578			
BR-1786D	175-275 psig (12.1-19.0 barg)					
BR-1788A	5-55 psig (0.3-3.8 barg)	1-100	1286	1"	25.4	5.5 (4.75)
BR-1788B	40-110 psig (2.8-7.6 barg)	1-200	SI679			
BR-1788C	100-200 psig (6.9-13.8 barg)	1-400	15578			
BR-1788D	175-275 psig (12.1-19.0 barg)					

*Regulator sold without gauge. Order gauge separately.

HEAVY DUTY GAS LINE REGULATOR 1780 SERIES

Application

The 1780 Series Regulators are designed for final line pressure regulation on gas distribution systems. They are suitable for a variety of gases in medical or industrial applications. The 1780 Series Regulators have a balanced seat, are constructed with oxygen compatible materials, and have the same valve design, brass body, and internal parts as the premium BR-1780 Series. Flow performance is equal to the BR-1780 Series.

Part Number	Delivery Pressure Range	Pressure Gauge*		Inlet & Outlet (F.N.P.T.)	Cv
		Range (PSI)	P/N		
1784A	5-55 psig	1-100	1286	1/2"	3.1
1784B	40-110 psig	1-200	SI679		
1784C	100-200 psig	1-400	15578		
1784D	175-300 psig				
1786A	5-55 psig	1-100	1286	3/4"	4.8
1786B	40-110 psig	1-200	SI679		
1786C	100-200 psig	1-400	15578		
1786D	175-275 psig				
1788A	5-55 psig	1-100	1286	1"	5.5
1788B	40-110 psig	1-200	SI679		
1788C	100-200 psig	1-400	15578		
1788D	175-275 psig				



1784B



Non-stock/special order items are not cancellable or returnable

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