



**PROFESSIONAL PRODUCTS...  
SUPERIOR RESULTS™**

## THE HARRIS PRODUCTS GROUP

### Model 3500

Description: High Flow Manifold Regulator

This specially designed regulator provides high gas flows for cylinders and manifold gas supply systems. It is also ideal for special high flow applications such as heavy cutting and heating.



Model 3500



### DETAILS

#### Features:

- Operates on H.P. cylinders of up to 3000 PSIG
- Large 2-3/4" Neoprene diaphragm
- Tamper proof, self seating internal HP safety valve
- One-piece encapsulated seat designed with an internal filter
- Brass bonnet and body

Part Number	Model Number	Capacity	Stage	Gauges	Gas	Inlet	Outlet	Certifications
3003505	3500-15-300	High Flow	Single	2.5" Brass	Acetylene	CGA 300	9/16"-18 LH	UL; CGA E-4
3003504	3500-15-510	High Flow	Single	2.5" Brass	Acetylene	CGA 510	9/16"-18 LH	UL; CGA E-4
3003502	3500-125-346	High Flow	Single	2.5" Brass	Air	CGA 346	9/16"-18 RH	UL; CGA E-4
3003501	3500-125-580	High Flow	Single	2.5" Brass	Argon Nitrogen Helium	CGA 580	5/8"-18 RH(F)	UL; CGA E-4
3003511	3500-200-580	High Flow	Single	2.5" Brass	Argon Nitrogen Helium	CGA 580	5/8"-18 RH(F)	UL; CGA E-4
3003538	3500-400-580	High Flow	Single	2.5" Brass	Argon Nitrogen Helium	CGA 580	3/8"-18NPT(M)	UL; CGA E-4
3003539	3500-600-580	High Flow	Single	2.5" Brass	Argon Nitrogen Helium	CGA 580	3/8"-18NPT(M)	UL; CGA E-4
3003540	3500-400-580	High Flow	Single	2.5" Brass	Argon Nitrogen Helium	CGA 580	3/8"-18NPT(M)	UL; CGA E-4
3003541	3500-600-580	High Flow	Single	2.5" Brass	Argon Nitrogen Helium	CGA 580	3/8"-18NPT(M)	UL; CGA E-4
3003507	3500-125-680	High Flow	Single	2.5" Brass	Argon Nitrogen Helium	CGA 680	5/8"-18 RH (F)	UL; CGA E-4
3003516	3500-200-680	High Flow	Single	2.5" Brass	Argon Nitrogen	CGA 680	5/8"-18 RH (F)	UL; CGA E-4

					Helium			
3003503	3500-125-350	High Flow	Single	2.5" Brass	Hydrogen/Methane	CGA 350	9/16"-18 LH	UL; CGA E-4
3003513	3500-200-350	High Flow	Single	2.5" Brass	Hydrogen/Methane	CGA 350	9/16"-18 LH	UL; CGA E-4
3003509	3500-125-695	High Flow	Single	2.5" Brass	Hydrogen/Methane	CGA 695	9/16"-18 LH	UL; CGA E-4
3003518	3500-200-695	High Flow	Single	2.5" Brass	Hydrogen/Methane	CGA 695	9/16"-18 LH	UL; CGA E-4
3003512	3500-200-346	High Flow	Single	2.5" Brass	Medical Air	CGA 346	9/16"-18 RH	UL; CGA E-4
3003508	3500-125-347	High Flow	Single	2.5" Brass	Medical Air	CGA 347	9/16"-18 RH	UL; CGA E-4
3003517	3500-200-347	High Flow	Single	2.5" Brass	Medical Air	CGA 347	9/16"-18 RH	UL; CGA E-4
3003500	3500-125-540	High Flow	Single	2.5" Brass	Oxygen	CGA 540	9/16"-18 RH	UL; CGA E-4
3003510	3500-200-540	High Flow	Single	2.5" Brass	Oxygen	CGA 540	9/16"-18 RH	UL; CGA E-4
3003514	3500-50-510P	High Flow	Single	2.5" Brass	Propane	CGA 510P	9/16"-18 LH	UL; CGA E-4

## TECHNICAL

Part Number	Max Inlet Pressure	Delivery Pressure Range	Delivery Pressure Gauge	Supply Pressure Gauge	Height	Width	Length	Weight	Pressure	C <sub>v</sub>
3003500	3000 PSIG	0-125 PSIG	200 PSIG	4000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003501	3000 PSIG	0-125 PSIG	200 PSIG	4000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003502	3000 PSIG	0-125 PSIG	200 PSIG	4000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003503	3000 PSIG	0-125 PSIG	200 PSIG	4000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003507	5500 PSIG	0-125 PSIG	200 PSIG	6000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003508	5500 PSIG	0-125 PSIG	200 PSIG	6000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003509	5500 PSIG	0-125 PSIG	200 PSIG	6000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003504	500 PSIG	0-15 PSIG	30 PSIG	400 PSIG	6.85"	7.35"	4.87"	4.6 lbs	1.6 PSIG/100 PSIG	0.55 Cv
3003505	500 PSIG	0-15 PSIG	30 PSIG	400 PSIG	6.85"	7.35"	4.87"	4.6 lbs	1.6 PSIG/100 PSIG	0.55 Cv
3003510	3000 PSIG	0-200 PSIG	400 PSIG	4000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003511	3000 PSIG	0-200 PSIG	400 PSIG	4000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003512	3000 PSIG	0-200 PSIG	400 PSIG	4000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003513	3000 PSIG	0-200 PSIG	400 PSIG	4000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003516	5500 PSIG	0-200 PSIG	400 PSIG	6000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003517	5500 PSIG	0-200 PSIG	400 PSIG	6000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003518	5500 PSIG	0-200 PSIG	400 PSIG	6000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003538	3000 PSIG	0-400 PSIG	600 PSIG	4000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003540	3000 PSIG	0-400 PSIG	600 PSIG	4000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	1.6 PSIG/100 PSIG	0.55 Cv
3003514	500 PSIG	0-50 PSIG	100 PSIG	400 PSIG	6.85"	7.35"	4.87"	4.6 lbs	1.6 PSIG/100 PSIG	0.55 Cv
3003539	3000 PSIG	0-600 PSIG	1000 PSIG	4000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	.9 PSIG/100 PSIG	0.4 Cv
3003541	3000 PSIG	0-600 PSIG	1000 PSIG	4000 PSIG	6.85"	7.35"	4.87"	4.6 lbs	1.6 PSIG/100 PSIG	0.55 Cv