



# VTS 250 Series Two Stage Regulators Medium Duty

Medium Duty Regulators, Two Stage

## APPLICATION & USES

### VTS 250 Series

- Medium duty gas service
- Precise and constant delivery pressure
- Models available for most gas services
- Ideal for some laboratory applications

**Dimensions:** 6-1/2" W x 5-5/8" H x 6-1/8" D  
(16.5 cm x 14.0 cm x 15.0 cm)

**Weight:** ..... 4 lb. 10 oz. (2.61 kg)

## DESIGN/CONSTRUCTION

- Forged brass body and housing cap
- 2" gauges
- Stem type seat mechanism
- Diaphragm 1-1/8" and 1-3/4"  
See Illustration Page 5, Section A
- Delrin® cap bushing for smooth adjustments
- External self reseating relief valve not designed to protect downstream apparatus  
(No relief valve is needed on VTS 260 series regulators)
- Sintered inlet filter

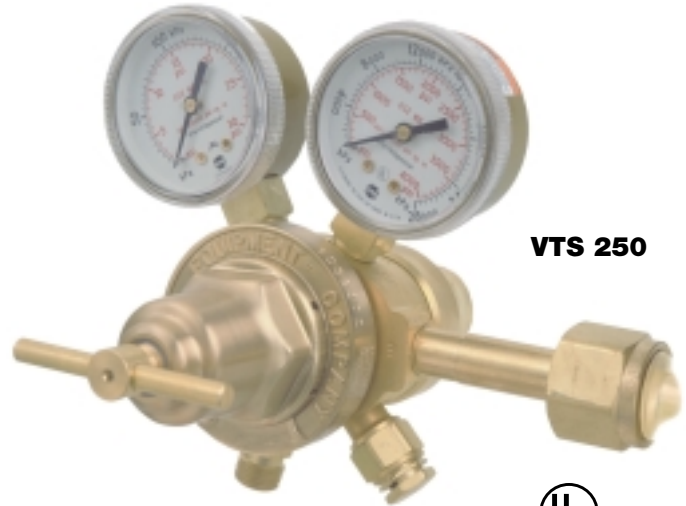
## SPECIFICATIONS PERFORMANCE

Maximum Inlet .....3000 PSIG  
Delivery Range .....See chart

## MATERIALS

Body..... Forged Brass  
Diaphragm..... Fabric Reinforced Neoprene  
Housing Cap.....Forged Brass  
Inlet Filter.....Bronze

**NOTE:** Regulators will deliver at least the stated upper range at and in some cases may exceed the stated upper range.



**VTS 250**

Listed  
Conforms to  
**CGA E-4**

### SAMPLE ORDERING INFORMATION

Model No.	Delivery Range	CGA Inlet Connection
<b>VTS 250</b>	<b>C</b>	<b>540</b>

Gas Service	Model No.	Delivery Range (PSIG)	Part No.
Air, Oxygen, Inert Gas	VTS250A-540	2-15	0781-3503
	VTS250A-580 <sup>04</sup>	2-15	0781-3507
	VTS250B-540	2-40	0781-3504
	VTS250B-580	2-40	0781-3508
	VTS250BL-555	2-40	0781-3525
	VTS250C-346	4-80	0781-3510
	VTS250C-540	4-80	0781-3505
	VTS250C-580 <sup>04</sup>	4-80	0781-3509
	VTS250D-346	5-125	0781-3512
	VTS250D-540	5-125	0781-3506
Hydrogen	VTS252A-350	2-15	0781-3558
	VTS252C-350	4-80	0781-3563
	VTS252D-350	5-125	0781-3564
CO <sub>2</sub>	VTS253B-320 <sup>04</sup>	2-40	0781-3573
	VTS253C-320 <sup>04</sup>	4-80	0781-3574
	VTS253D-320	5-125	0781-3575
Acetylene	VTS260A-300	2-15	0781-3583
	VTS260A-510	2-15	0781-3584

### Delivery Range Key

**A** 2-15 PSIG **B** 2-40 PSIG,  
**C** 4-80 PSIG **D** 5-125 PSIG

### Outlet Connections: Cylinder Type

9/16" - 18 (M)  
<sup>04</sup> = 5/8" - 18 (F) RH  
<sup>05</sup> = 5/8" - 18 (F) LH