

Single & Double Shutoff Valves

- **V-26** - for quick-acting on/off control of oxygen
- **V-27** - used in flame-hardening, machine cutting, etc., for quick-acting on/off control of oxygen and fuel gas with a single lever
- **V-30** - used in electric welding for on/off control of argon and water
- **V-31** - used in oxy-fuel gas welding for control of stop/start operations; two models are available which vary only in pilot light assembly



V-26



V-27



V-30



V-31

Ordering Information

V-26 oxygen single shutoff valve07X36
 V-27 oxygen-fuel gas shutoff valve20X25
 V-31 oxygen-acetylene shutoff valve16X22
 V-31 oxygen-fuel gas shutoff valve22X18

Maximum Operating Pressures & Specifications

Description	V-26	V-27	V-30	V-31
Argon	-	-	100 psig (690 kPa)	-
Water	-	-	75 psig (517 kPa)	-
Oxygen	150 psig (1,035 kPa)	150 psig (1,035 kPa)	-	100 psig (690 kPa)
Acetylene	-	15 psig (103 kPa)	-	15 psig (103 kPa)
Other fuel gases	-	75 psig (517 kPa)	-	75 psig (517 kPa)
Height	5-3/4 in. (146 mm)	6-3/4 in. (172 mm)	5 in. (127 mm)	5 in. (127 mm)
Width	2-3/8 in. (60 mm)	3-5/8 in. (92 mm)	4 in. (102 mm)	4-1/2 in. (114 mm)
Length	5-1/2 in. (140 mm)	5-1/2 in. (140 mm)	10 in. (254 mm)	10 in. (254 mm)
Inlet & outlet connections	*	*	-	*

*The V-26, V-27, and V-31 valves are all supplied with appropriate 1/4 in. NPT to "B" size inlet and outlet connection fittings, packed loose.

Needle Valve Specifications

Valve Type	Part Number	Height		Length		Shipping Weight		Connections (CGA)	
		in.	mm	in.	mm	lbs.	kg	Inlet	Outlet
Oxygen Needle Valve "B" Size	3395	2	51	2-7/8	73	1/2	0.2	"B" RH female (9/16-18)	"B" RH male (9/16-18)
Acetylene Needle Valve "B" Size	3396	2	51	2-7/8	73	1/2	0.2	"B" LH female (9/16-18)	"B" LH male (9/16-18)



Needle valve