

Lines Station & Needle

LINE STATION VALVES 7160 SERIES

Application The 7160 series valves are designed for use with oxygen and all fuel gases at station outlets of line distribution systems such as welder’s benches, cutting stations, hospital rooms, etc.

Features

- UL Listed Approved for oxygen and all fuel gas services at 400 PSIG maximum working pressure
- All valves cleaned for use in oxygen per CGA G-4.1
- O-ring stem seal works with the pressure causing a tighter seal as pressure increases
- A reverse flow check valve installed in the valve outlet connection helps prevent reverse flow
- Available with brass cap and chain protection
- Meets the requirements of National Fire Protection Association (NFPA) Pamphlet No. 51



7161V

Part Number	Gas Service	Inlet Thread	Outlet Thread	CGA Connection	C v Factor	Outlet Protection*
7160V	Oxygen and Inert Gases	1/2" NGT	7 /8" - 14 M. R.H.	24	0.76	10663 Brass Cap & Chain
7160VL						None
7161V	Fuel Gases	1/2" NGT	7 /8" - 14 M. L.H.	25	0.76	10664 Brass Cap & Chain
7161VL						None

*Outlet Protection is recommended.

NEEDLE VALVES CMM250 SERIES AND CFF250 SERIES

Application

Ideal for use as a gauge isolation valve or applications requiring accurate throttling of pressure.

Features

- Compact design provides easy installation.
- Fine stem threading and long taper allow precise metering and leak-free shut-off
- Internal stop prevents the stem from being accidentally unscrewed from the body
- Rugged forged brass bodies withstand higher pressures
- Unbreakable brass handwheel.
- Valves come equipped for panel mounting.
- Working temperature range is -40°F to +165°F. (-40°C to +74°C)
- Maximum operating pressure: 2000 psig air. (137.9 Bar)
- Cleaned for oxygen service per CGA G-4.1
- Female ports available - consult factory

Part Number	(NPT)	C v
CMM250A	1/4	0.7
CMM250G	1/4	0.5
CFF250A	1/4	0.7
CFF250G	1/4	0.5



CMM250A



CMM250G