



Series 411

General Service Solenoid Valves

Applications

- **Portable Oxygen Concentrators**
- **Ventilators**
- **Air monitoring Equipment**
- **Carpet Tufting Machines**
- **HVAC**
- **Vascular Therapy**
- **Marking/Printing Equipment**



Features & Benefits

- **Higher Flow**
 - Up to 15% higher flow over select A & S Series constructions
- **Electrical Connection Options**
 - 15" - 24" AWG lead wires
 - Good for direct connection to electrical components
 - 0.110" spade terminal option
 - Allows for quick connect/disconnect of valves
- **Long Life**
 - 4 piece plunger design reduces wear on elastomer extending overall life of valve (tested in excess of 500 million cycles)
- **Coil Construction Options**
 - Non-encapsulated Class B coil, for lead wire connection
 - Lighter weight
 - Encapsulated Class B coil, for spade terminal connection
 - Improved environmental robustness
- **Lighter Weight**
 - Plastic body and non-encapsulated coil reduces weight up to 15% compared to stainless steel and brass body valves
- **Large Common Port Cross-sectional Area (Manifold Mount Bodies)**
 - Improves flow by eliminating potential port misalignment between valve's common port and mating manifold interface
- **All constructions adhere to the EU RoHS Directive 2002/95/EC**
- **Most constructions available as part of the ASCO Today program or 5-Day program to help keep production lines running smoothly**

Specifications

Port Thread	Orifice Sizes (in)	Flow (Cv)	Maximum Pressure (psi)	Media & Ambient Temperature (°F)	Wattage @ 20°C	Weight (gm)
#10-32 UNF	.025 - .080	.013 - .070	100	32 to 140	0.65 - 2.0	50

