

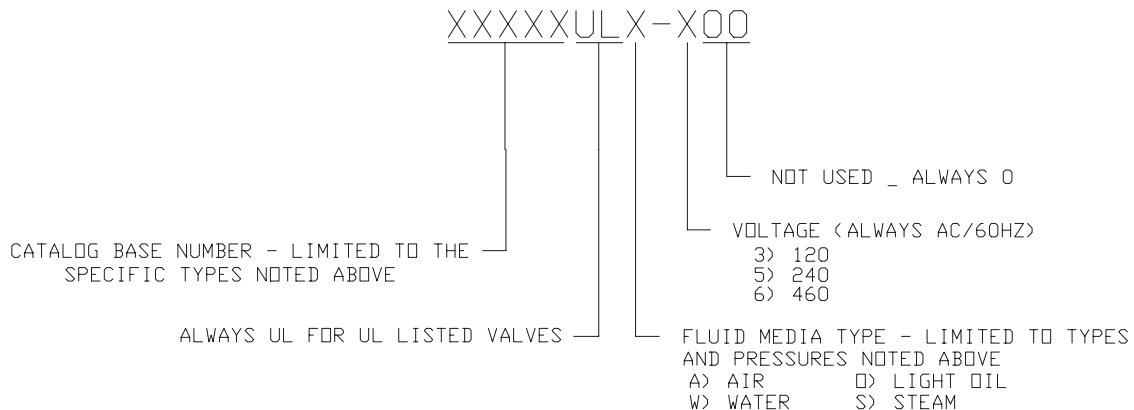
UL & CSA Listings and Approvals

Underwriters Laboratories

General Purpose Catalog Valves

<u>File Number</u>	<u>Catalog base no.</u>	<u>Size</u>	<u>Fluid, Pressure, Voltage (same for all of group)</u>
MH11913	4008	4000 & 5000 series Group 1/4" NPT	
"	4108	3/8" NP	Air, Water, Oil: 5 to 500 psig Fluid Temp to 66 C (5 to 300 psig for 5708)
"	4208	1/2" NPT	Saturated Steam 5 to 200 psig
"	4308	3/4" NPT	
"	4408	1" NPT	Voltages: 120 vac, 60 Hz 240 vac, 60 Hz 480 vac, 60 Hz
"	4508	1 1/4" NPT	
"	4608	1 1/2" NPT	Ambient temperature: 25 C
"	5708	2" NPT	
		<u>15000 series</u>	
"	15408	1/4" NPT	Air, Water, Oil: 0 to 300 psig Fluid Temp to 66 C
"	15418	3/8" NPT	Saturated Steam 0 to 125 psig
"	15428	1/2" NPT	Voltages: 120 vac, 60 Hz 240 vac, 60 Hz 480 vac, 60 Hz
"	15438	3/4" NPT	
"	15448	1" NPT	Ambient temperature: 25 C

CATALOG NUMBERS FOR UL LISTED VALVES



Underwriters Laboratories**Specific Usage Project Valve**

Project Valve		<u>Fluid, Pressure, Voltage (same for all of group)</u>
<u>File Number</u>	<u>Model Number</u>	
E104727	31820-436	Class I, Group B hazardous locations, General Purpose Liquid hydrogen: 0 to 250 psig Fluid Temp: -252 C Voltage: 115 vac, 60 Hz Ambient temperature: -40 to +40 C

Canadian Standards Association

Project Valve		<u>Fluid, Pressure, Voltage (same for all of group)</u>
<u>Report Number</u>	<u>Model Number</u>	
LR80415-3	35871-691	Natural gas, 2" flanges, 400 to 600 psig, 24 VDC, 40 C ambient
"	31830-706	Oil, 3/4" NPT, 0 to 100 psig, 24 VDC, 40 C ambient
"	31861-697	Oil, 1 1/2" NPT, 0 to 1000 psig, 24 VDC, 40 C ambient
"	32820-714	Natural gas, 1/2" NPT, 0 to 1500 psig, 24 VDC, 40 C ambient
"	2100-707	Natural gas, 1/4" NPT, 0 to 1000 psig, 24 VDC, 40 C ambient
"	35840-937	#2 Diesel, 1" Flanges, 0 to 950 psig, 24 VDC, 60 C ambient

All are class 3228 01 for Hazardous Locations
Class I, Group D, General Purpose Valves

In addition to these CSA approvals on specific valves, Special Acceptances from CSA are available on the explosion-proof coil housing assemblies using 24 VDC coils only on the following series of valves:

- 13,000 1/4" through 1/2", distributor, normally open, and normally closed, stainless
- 30,400 1/4" through 3" N.C. and 1/4" through 1 1/2" N.O., bronze
- 30,800 1/4" through 2" N.C. and 1/4" through 1 1/2" " N.O., stainless
- 35,800 3/4" through 3", normally open and closed, stainless
- 40,800 1/4" through 1 1/2", normally open and closed, stainless
- 50,000 1/8" through 1", normally open and closed (formally 13800 & 13900), stainless