

SOLENOID VALVES

4707 Massachusetts Ave. • P.O. Box 18128
Indianapolis, Indiana 46218-0128
Ph: 1-800-634-5853 Fax: (317) 547-5234
Web: <http://www.gouldvalve.com>
E-mail: info@gouldvalve.com



TYPICAL SOLENOID VALVE USES BY INDUSTRY

Valve Applications	Recommended GOULD Valve
AIR-POLLUTION CONTROL:	
Wash-down valves for Air Filters	Types M-3V & Q-3V
Ultrasonic Cleaning Equipment	Type M-3V
AUTOMOTIVE:	
Various Assembly Plant Maintenance Uses	Air/Water/Steam Valves
Hydraulic Lifting Equipment	Types Q4, BL, DL
Tire-Tread Forming Equipment (Heating w/Steam & Water Cooling)	Types M-3V & M-1-3T
Auto/Truck Washes (Wash/ Rinse/ Valves)	Types M-3V/Q-3V/B3-21
CONCRETE:	
Metered Batching Systems (Water Mixing)	Types M-90 & Q-90
Down-leveling Valves	Types BL & DL
FOOD PROCESSING MACHINERY:	
Bottle Washers (Sanitizing)	Types D, M-3V & Q-3V
Poultry Feeding Systems (Water)	Type M-3 V
Hen House Wash-down Systems	Type M-3V
Bakeries: Pot/Pan Cleaning Spray Arms Spraying Oil on Top of Rolls Bun Warmers (Steam)	Types F, G, M-3V & M-1-3T Types F & G Type B3-19
In-Plant Bulk Transport (e.g. Vinegar, Milk, Bourbon, etc.)	Various Types (Primarily Types G, GX, K & KX)
GENERATING EQUIPMENT.	
Diesel/Gasoline Generating Systems	Types Q-230 & K-230
Standby Generators (Water Coolant Systems)	Type M4-3V
HOSPITAL EQUIPMENT	
Various Temperature Control Devices	Types M-3V & M-1-3T
Commercial Dishwashers	Type M-3V-8
Various Gas/Air/Water Uses	Variety of Types
Boiler Feed Valves	Types M-3V & M-1-3T

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TYPICAL SOLENOID VALVE USES BY INDUSTRY (Continued)

Valve Applications	Recommended GOULD Valve
INDUSTRIAL MACHINERY	
Air Compressor/ Machine Coolant Systems	Types M-3V
Boiler Feed Units (Check Temperature Rating)	Types M-3V & M-1-3T
Deluge Systems (Smoke Stack Fire Prevention)	Type M4-3V; Q4-3V & DST
De-Ionized Water Systems	Type KX-3EP-EP-62
Hydraulic Dock Lifts	Types Q4-3V; BL & DL
In-Plant Maintenance (Air/Water/Oil /Steam)	Various Types (Consult Factory)
Metal "Cold" treating	Many "-9" Types
Sandblasting Equipment (Wet or Dry Systems)	Types M-3V
Sequential Process Re-starting after Power Fails	All Types Q-57 & K-57
Standby Generators (Coolant Systems)	Types M4-3V [12V/D.C.]
Steel Mills/Foundries - Quench Baths (Water Induction Systems)	Types M-3V & Q-3V
INSTRUMENTATION/GAUGE/CONTROLS:	
Automatic Gasoline/Diesel Fuel Pumps	Type Q-230
Valves involved with Control Panels	Various Types (Consult Factory)
LAUNDRY & DRY CLEANING EQUIPMENT	
"Pants Toppers" - Steam valves	Types B3-19 & BH-19
Dry Steam for Re-shaping drapes	Type Q-1-3T
Commercial Laundry Machines (Wash/Rinse Valves)	Types Q-3V & Q1-3T
MINING EQUIPMENT	
Dust Control Systems (Spray-down)	Types QW & DST
Water Management	Types M-3V & Q-3V
PAPER/PULP MILLS:	
Sawdust Control (Spray-down)	Type M-3V
Hydraulic Lifts	Types Q4-3V; BL & DL
Log Misting Systems	Types M-3V & Q-3V
Misc. Chemical Handling	Types K-3T & KX-3T
Pneumatic Systems	Types M-3B & Q-3B
Process Heating	Types Q-1-3T, M-1-3T, K-1-3T

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Valve Applications	Recommended GOULD Valve
PETROCHEMICAL:	
Off Shore Oil Rigs	K-3V-V-2
Gasoline, Diesel & Fuel Oil Distribution	Q-230 & K-230
Pipeline Applications	Various Types
PLATING:	
Fill/Wash Cycle on Plating Tanks	Types M-3V & Q-3V
TRANSPORTATION:	
Aircraft Refueling Systems	Types K-230, Q-230, EF-3V
Railroad Refueling Systems	Type QW-2 & QW-88-2
Aircraft De-Icing Systems	Type Q-3V-76
Plane, Train & Automobile Wash Systems	Types Q-3V, D-3T, M-3V, K-3T
Train Switch De-Icers (Steam/Glycol)	Various Types (Consult Factory)
RECREATION:	
Swimming Pools: Fill Water	Type M-3V
Whirlpools: Fill Water	Type M-3V & B-3V
RESTAURANT EQUIPMENT	
Commercial Dishwashers (Wash/Rinse)	Type M-3V-8
Pot/Pan Washers	Type M-3V-8 & M-1-3T
SEWAGE TREATMENT/WATER PURIFICATION/FILTRATION/DESALINIZATION:	
Water Filtration Systems (Various Stages)	Types M-3V; Q-3V & KX-3V
Flow control for Ultraviolet Purifying Systems	Types M-3V; Q-3V & KX-3V
SPRINKLER & IRRIGATION SYSTEMS:	
Farm Sprinkler & Irrigation Systems	All Types
Lawn Sprinkler Systems	All Types
TEXTILE:	
Process Heating	Types M-1-3T & Q-1-3T
Sizing/ Drying/ Forming Nylon Stockings (Coolant System)	Types QD & KD
Hosiery Mills	Types K & KX

GOULD SOLENOID VALVE APPLICATION GUIDE