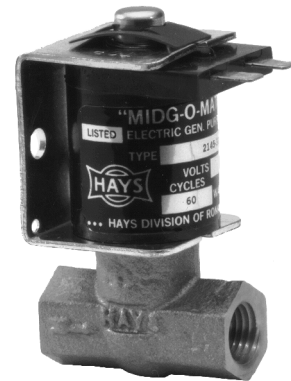


Series 2145 - Solenoid Valve

- 2-way Normally Closed
- Direct Acting
- Solenoid Valve
- UL Listed
- Variety of Voltages
- Bronze Construction
- Maximum Temperature 140° F
- Pressure Range
 - Conduit 0 - 150 psi
 - Appliance 0 - 90 psi



Conduit



Appliance

1/4" Valve

1-31

SPECIAL FEATURES

Accurate low flow

Midg-O-Matic is designed for the accurate, automatic control of low flows.

Resistant to clogging and seat erosion

Teflon seat resists hardness deposits and debris preventing the valve from seating.

Compact design

When space is limited but performance requirements are not, Hay's Midg-O-Matic is the quality choice.

Competitively priced

The Midg-O-Matic quality construction and competitive pricing makes it a better value than competitive items in this classification.

Highest quality — long life

Bronze Castings and Waterproof coils insure performance consistency for a long life.

Wide range of voltages and solenoid type

Gives the Midg-O-Matic the flexibility to meet specific tasks.

TYPICAL APPLICATIONS

- Humidification
- Poultry Incubators/Watering Equipment
- Sterilizers
- Heating Systems
- Washing Machines
- Car Wash Equipment
- Spraying Equipment
- Laboratory Equipment

TO ORDER MIDG-O-MATIC

Specify: model, size, catalog number, voltage

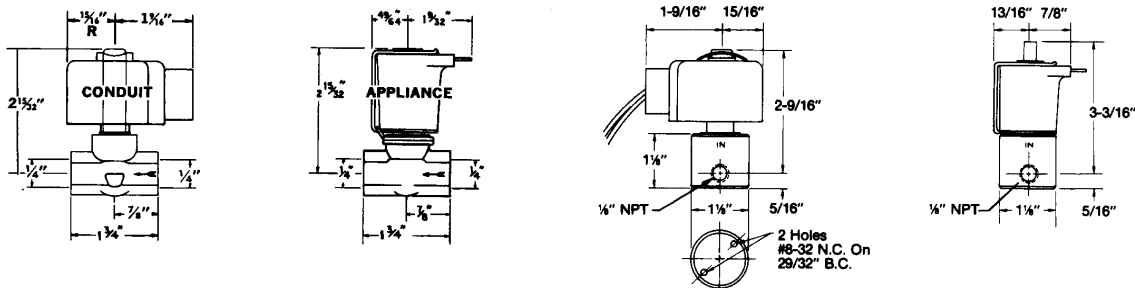
Model	Size	Catalog Number		Voltages
		Conduit	Appliance	
Series 2145	1/4"	2145-3431	2145-8431	24V. 60 Hz.
		2145-3031	2145-8031	120V. 60 Hz.
		2145-3531	2145-8531	208V. 60 Hz.
		2145-3131	2145-8131	240V. 60 Hz.
		2145-3231	2145-8231	480V. 60 Hz.
(Cv flow factor .25)				

Note: Cv Factor - The quantity of 60°F water, expressed in gallons per minute which will flow through a valve with a one psi pressure drop.

Example: Midg-O-Matic, 1/4" Solenoid Valve with Conduit Coil and 480 V.

Order: 2145-3231

DIMENSIONAL DATA

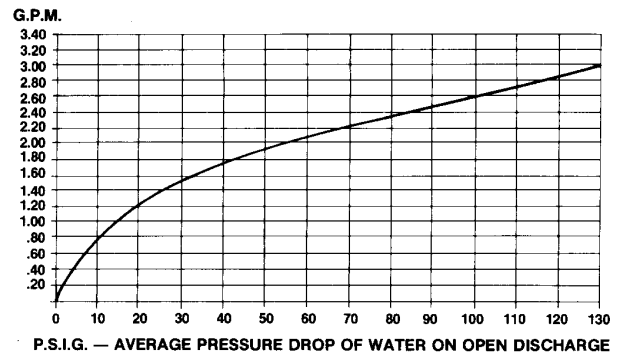
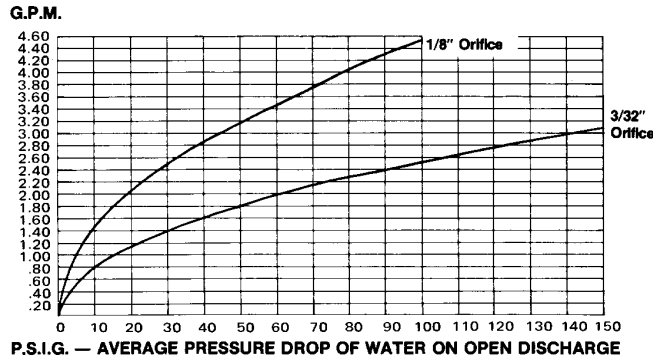


Cv Flow Factor .093 Orifice Cv = .25

TECHNICAL DATA

Solenoid Electrical Data	Coil Type	Voltage	Catalog Number	Watts Holding	Volts In Rush	Amps Holding	Duty
Coils are Epoxy molded & waterproof	Conduit	24V AC 60 Hz	74604	14	62	31	Continuous
		120V AC 60 Hz	74265	14	62	31	Continuous
		208V AC 60 Hz	74268	14	62	31	Continuous
		240V AC 60 Hz	74266	14	62	31	Continuous
		480V AC 60 Hz	74267	14	62	31	Continuous
	Appliance	24V AC 60 Hz	87879	14	80	40	Appliance
		120V AC 60 Hz	87859	14	80	40	Appliance
		208V AC 60 Hz	87861	14	80	40	Appliance
		240V AC 60 Hz	87860	14	80	40	Appliance
		480V AC 60 Hz	88500	14	80	40	Appliance

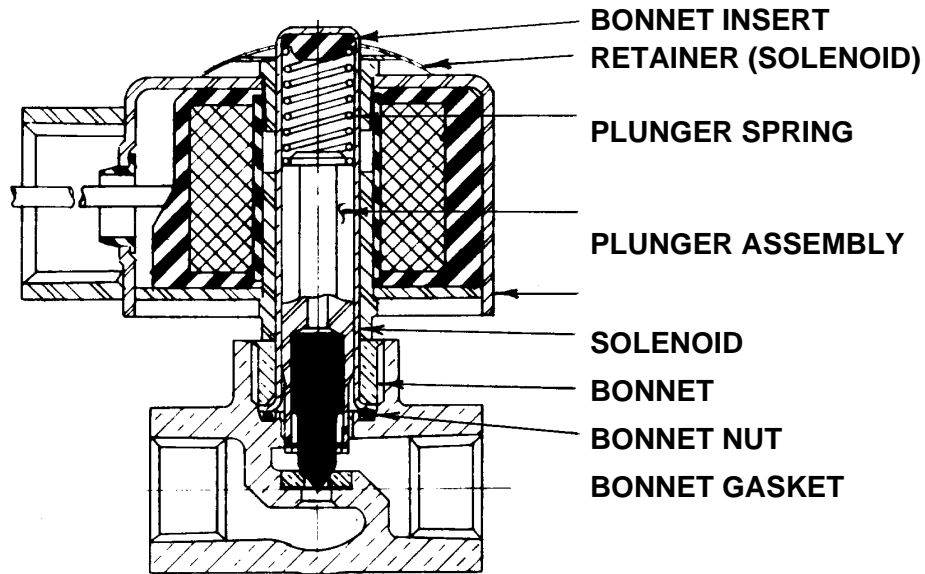
FLOW CAPACITY CHARTS



Recommended for water, air, and liquids compatible with bronze 302, 305, and 430 Stainless Steel and Ethylene Propylene.

PARTS DIAGRAM AND LISTING

Series 2145



1-34

Part Name	For Water and Air Catalog No.
Plunger Assembly	*7419706
Plunger Spring	*84198
Bonnet with Bonnet Insert	*7419202
Bonnet Nut	*84194
Bonnet Gasket	*84195
Retainer	*82958
Spanner Nut Wrench	*84539
*Repair Kit No.	11574