

FLO n STOP™ LOW LEAD BRASS SOLENOID VALVE

PRODUCT DATA SHEET

US PATENT NO.005,881,755

4/21/2010 -1

Model No. 22950 & 22955**CONFORMS TO REQUIREMENTS OF:****NSF 61, Section 8**
US EPA SDWA Section 1417**"FULL OPEN VALVE" WHEN MANUALLY OR ELECTRICALLY OPENED.****Materials**

Body & Cover:	Solid Brass Construction UNI EN 12165 CW617N
Armature Tube	Stainless Steel 300
Fixed Core:	Stainless Steel 400
Plunger:	Stainless Steel 400
Spring:	Stainless Steel 300
Shading Ring:	Copper
Orface:	Brass
Diaphragm:	NBR
O-Rings:	NBR
Cover Bolts:	Stainless Steel
Manual Override	Brass

General

Operating Pressures:	Min. 2 psi - Max. 230 psi
Temperature Range:	Water: 14 - 195 Deg. F
Flow Pattern:	2 - Way NC
Manual Override:	Override Switch allows opening Valve in the event of a power loss.
Diaphragm Operation:	Slow closing. No water hammer, surge or noise.
Inlet - Outlet Ports:	1" FNPT
Flow Rate:	40 GPM @ 150 PSI
Cv Flow Factor:	14.00
Min. Operating Pressure:	2 PSI
Placement:	Valve is Suitable for both Interior and Exterior Installation and may be Situated in any Plane, Vertical or Horizontal.

Electrical

Approvals: CE, UL, CSA

Encapsulated Solenoid Coil: Normally Closed	NEMA 4 Rated 110 - 120VAC 56-60Hz or 24VAC/60Hz Water-proof PET Construction In-rush Current 25 VA Holding Current 14.0 VA Class F, 312 Deg F
Power Consumption:	Valve Open (On Position) AC 8 Watts Valve Closed (Off Position) 0 Watts
Power Consumption Cost:	Less than \$0.50/ month
DIN Connector AC Line Cord	NEMA 4 Rated, 1/2" Conduit Connector 6 ft SPT-1 NEMA 1-15 P Polarized Plug (110-120VAC Unit Only)

Dimensions

Overall Length:	4 1/8"
Overall Height	4 3/8"
Width:	2 9/16"
Weight:	3 lbs

www.FLO-n-STOP.com**FLO n STOP™ REMOTE WIRELESS SYSTEM**Plug-in Electronic Components are designed for Interior use.
Exterior use with Weather-proof Enclosures and connections only.**Transmitter
Button Pad**RF (Radio Frequency) Operation,
Part 15 of FCC rules Compliant

Location:	Wall mounted, adjacent to Interior side of the most used Entry and Exit door of a Dwelling
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Power:	Four (4) AAA Alkaline Batteries
Expected Life of Batteries:	Excess of 12 months.
Operation:	Push Button ON/OFF Momentary Signal
Code Settings:	256 Code Settings Available,
Transmission Range:	Up to 50 ft to Transceiver Line of Site Recommended thru walls 25 - 30 ft

TransceiverRF (Radio Frequency) Operation, Part 15
of FCC rules Compliant. CUS, UL Listed

Location:	Inserted into a Household wall Outlet 30 ft or less from the Transmitter Button Pad
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Power:	110 - 120 VAC, 50/60 hz.
Operation:	Receives Wireless Signal from Button Pad and sends ON/OFF command through Household circuitry to the Solenoid Module.

Code Settings:	256 Code Settings Available, Transmitter, Transceiver and Module must be set to the same Code Setting.
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Command Range:	Unlimited distance to Module on common unbroken circuitry
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Solenoid ModuleRF (Radio Frequency) Operation, Part 15
of FCC rules Compliant. CUS, UL Listed

Power:	110 - 120 VAC, 50/60 hz.
Operation:	Receives ON/OFF Command from Transceiver through Household circuitry and Energizes Solenoid Coil.

Code Settings:	256 Code Settings Available, Transmitter, Transceiver, and Module must be set to the same Code Setting.
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Voltage Adapter

(With 24VAC Solenoid Unit Only)

Input:	UL Listed, Class 2 Transformer 120 VAC 60hz 46W
Output:	24 VAC 650mA - 750mA
Efficiency Level:	IV
Wire Leads:	2 - 22AWG x 60" x AWM -VW-1

Dimensions

Transmitter (Body)	2.8" Wide x 4.55" High x 1" Deep
Transceiver (Body)	2.4" Wide x 2.9" High x 1.4" Deep
Solenoid Module (Body)	2.4" Wide x 2.9" High x 1.4" Deep
Voltage Adapter (Body)	2.5" Wide x 3.1" High x 2.9" Deep

Distributed By:	Millennium International Development Corporation Boca Raton, FL. 33431 800 757 2990
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