

Clack® SYSTEM CONTROLLER



You can make the choice!

Progressive Flow... Alternating... Random... Series...

- System Controller operates 2 – 8 units on 1 or 2 independent systems, or operates as a water monitor only
- Monochrome Graphics Display with blue backlight on front panel for time of day, day of week, days until next regeneration, current system flow rate, and total system volume used (Totalizer)
- May be used with Clack WS1, WS1.25, WS1.5, or WS2 control valves
- Two input connections that can either be used for meters or other auxiliary inputs
- On-board Ethernet connection for remote, real-time monitoring of system performance
- Supports Modbus TCP/IP communications
- System diagnostic and programming information spreadsheet may be uploaded to a standard USB drive
- Two fused Single Pole Double Throw (SPDT) relay outputs
- Single demand-based meter output signal
- Coin cell lithium battery backup for time of day with easy access cover
- Front panel LED status indicators for Online, Standby, Regeneration, and Lead Unit Position
- Language options include: English, Spanish, French, German, Italian, Dutch, and Polish

Clack® ®

System Controller

OPERATING TEMPERATURES

Minimum/Maximum 40° - 110° F (4° - 43° C)

DIMENSIONS & WEIGHT

Shipping Box..... 15.5" L x 12.25" W x 6.5" H

Shipping Weight..... 8.5 lb

ELECTRICAL SPECIFICATIONS

	<u>U.S.</u>	<u>International</u>
Order Numbers	V3030	V3030-01
Supply Voltage (±10% of Nominal)	100/120 VAC.....	200/240 VAC
Supply Frequency	50/60 Hz	50/60 Hz
Output Voltage (Nominal).....	15 VDC.....	15 VDC
Output Current (max per valve).....	0.5 A.....	0.5 A

TANK APPLICATIONS

Operate 2 - 8 units

Water Softener 6" - 48" Diameter

Water Filter (1)..... 6" - 36" Diameter

CABLES REQUIRED

POWER CORDS

V4276-15 15' power cord

V4276-36..... 36' power cord

COM CABLES

V3474 8' com cable

V3475-12 12' com cable

V3475-24 24' com cable

V3475-36 36' com cable

1. Filter tank size calculated @ 10 gpm of backwash per square foot of bed area

System Types	Progressive Flow	Alternating	Random	Series
Definition	Brings valves online (service) and off-line (standby) based on flow demand. Rotates lead valve when lead regenerates.	Always one valve off-line (standby) at all times and regenerates one valve at a time.	All valves online (service) and regenerates one valve at a time as needed in any order.	All valves online (service) and regenerates the lead then one valve after another.
Applications	Softener and Filter	Softener and Filter	Softener and Filter	Filter Only
Valves	WS1, WS1.25, WS1.5P, WS1.5, WS2, WS2QC	WS1, WS1.25, WS1.5P, WS1.5, WS2, WS2QC	WS1, WS1.25, WS1.5P, WS1.5, WS2, WS2QC	WS1, WS1.25, WS1.5P, WS1.5, WS2, WS2QC
System Size	2 - 8 Valves	2 - 8 Valves	2 - 8 Valves	2 - 8 Valves
Meters	Each Valve	Each Valve	Each Valve	Each Valve