

Imperial Series



MODEL	ZM190WS	ZM225WS	ZM280WS	ZM350WS	ZM420WS	ZM490WS	ZM560WS
Capacity Grains	24,230	32,310	40,380	48,460	64,620	96,930	129,240

- Solid state microprocessor with easy access front panel settings
- Three modes of operation; meter immediate, meter delayed, or time clock delayed
- Double backwash feature offers optimum regeneration, cleaning ability, and efficiency
- Capable of 36 pre-programmed regeneration cycles based on control valve setting
- Days override feature; 1-28 days available
- Backwash and brining ability to 21" diameter tanks
- Stores system configuration and operation data in nonvolatile memory
- Coin Cell Lithium battery back-up with an 8 hour carry over
- 12-volt output AC Adapter provides safe and easy installation
- Control valve design provides optimum service and backwash rates
- Pre or Post treated water regenerant refill
- Reliable and proven DC drive

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ZEROPOINT ZM-WS SERIES SYSTEM SPECIFICATIONS ELECTRONIC DEMAND

MODEL	ZM190WS	ZM225WS	ZM280WS	ZM350WS	ZM420WS	ZM490WS	ZM560WS
FACTORY PRESET MINUTES							
Backwash-1; Min	8	8	8	8	8	8	8
Brine; Min.	60	60	60	60	60	60	60
Backwash-2; Min	6	6	6	6	6	6	6
Fast Rinse; Min	6	6	6	6	6	6	6
Refill-Lbs of Salt							
'-Low Salting	4.5	6.0	7.5	9.0	12.0	18.0	24.0
'-Medium Salting*	7.5	10.0	12.5	15.0	20.0	30.0	40.0
'-High Salting	11.3	15.0	18.8	22.5	30.0	45.0	60.0
Capacity Grains							
'-Low Salting	17,200	22,930	28,660	34,400	45,870	68,810	91,750
'-Medium Salting*	21,040	28,060	35,070	42,090	56,120	84,180	112,240
'-High Salting	24,230	32,310	40,380	48,460	64,620	96,930	129,240
Water Usage (U.S. Gallons)*	41	50.8	64.4	64.4	120	123.6	166
Service Flow Rate;							
Flow Rate @ 10 psi	9.8	10.1	11.3	10.5	14.2	14.4	15.1
Flow Rate @ 15 psi	13.1	13.0	14.5	14.1	18.2	19.2	20.1
Mineral; Cu Ft.	0.75	1	1.25	1.5	2	3	4
Underbedding; lbs.	8	11	14	14	40	40	45
Mineral Tank Dimen.	8x44	9x48	10x47	10x54	13x54	14x65	16x65
Salt Keeper Dimen.	18x40	18x40	18x40	18x40	18x40	24x41	24x41
Drain Line Flow Con	1.3	1.7	2.2	2.2	4.2	4.2	5.3
Brine Line Flow Con	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Injector; color	C-Violet	D-Red	E-White	E-White	G-Yellow	H-Green	I-Orange

*Factory Settings are in bold

** Water usage at 40 psi inlet water pressure. Higher pressures will cause slight increases. Brine make-up water not included, as this will change with salt level.

Factory settings are programmed for clean, iron free water such as city water supplies for efficient salt use. On water supplies with iron levels greater than 0.5 ppm, higher salting levels may be required.

For high salting applications, larger brine tanks may be needed. Consult factory for recommendation.